

| N°<br>Lignes | Date de<br>Création | Répertoire | Taille (Ko) |
|--------------|---------------------|------------|-------------|
|--------------|---------------------|------------|-------------|

### Acronymes - dictionnaires

|    |                                  |   |      |
|----|----------------------------------|---|------|
| 4  | <b>Acronymes - dictionnaires</b> |   |      |
| 5  |                                  |   |      |
| 6  | 28/03/09                         | 145_93 Antennas Terms.pdf                   | 155  |
| 7  | 17/07/08                         | 2008-aap15 Glossaire OTAN.pdf               | 1211 |
| 8  | 28/03/09                         | 315_75 Graphic Symbols.pdf                  | 1642 |
| 9  | 28/03/09                         | 315A_86 Graphic Symbols.pdf                 | 2255 |
| 10 | 02/11/08                         | 60050-351 {Ed2.0}98 Vocabulaire.pdf         | 6422 |
| 11 | 17/08/06                         | 91a_91 Logic Symbols.pdf                    | 1727 |
| 12 | 30/06/07                         | AAP-42 Glossaire OTAN Normalisation.pdf     | 224  |
| 13 | 26/03/14                         | AAP-6_13 Glossaire OTAN.pdf                 | 1911 |
| 14 | 17/12/05                         | Abbreviations & Acronyms.pdf                | 84   |
| 15 | 25/04/09                         | Abbreviations Dictionary.pdf                | 8155 |
| 16 | 09/06/08                         | Acp167- Glossary.pdf                        | 335  |
| 17 | 25/05/03                         | Acronymes GPSM.pdf                          | 11   |
| 18 | 18/05/03                         | Acronymes hyper.pdf                         | 47   |
| 19 | 30/11/05                         | Acronyms & Abbreviations.pdf                | 179  |
| 20 | 18/09/03                         | Acronyms Glossary.pdf                       | 59   |
| 21 | 09/01/06                         | Acronyms Initialisms & Abbreviations.pdf    | 474  |
| 22 | 02/03/04                         | Acronyms.pdf                                | 626  |
| 23 | 10/08/10                         | Acronyms-2008.pdf                           | 40   |
| 24 | 15/12/14                         | ADV1.0_2014 ESD Glossary.pdf                | 256  |
| 25 | 21/04/05                         | Advanced Access Networks.pdf                | 653  |
| 26 | 17/11/05                         | Aeronautics glosary.pdf                     | 64   |
| 27 | 30/11/05                         | Air Force Compendium.pdf                    | 1123 |
| 28 | 30/04/08                         | AOP-38 Ed4-06 Glossaire explosifs.pdf       | 1094 |
| 29 | 25/04/09                         | Assurance Information Glossary.pdf          | 464  |
| 30 | 28/11/05                         | Audio Dictionary.pdf                        | 357  |
| 31 | 02/09/10                         | Author.pdf                                  | 160  |
| 32 | 17/11/05                         | Ballistic Missile Defense glossary.pdf      | 650  |
| 33 | 02/10/11                         | BBC202 Terminology for Loudness & Level.pdf | 132  |

|    |          |  |      |
|----|----------|--|------|
| 34 | 15/08/06 | BICSI Acronyms.pdf                                     | 97   |
| 35 | 21/04/05 | BROADBAND.pdf  | 200  |
| 36 | 18/05/03 | Broadcast acronyms.pdf                                 | 195  |
| 37 | 22/08/05 | Cable & Wire Glossary.pdf                              | 429  |
| 38 | 04/08/12 | Cable glossary.pdf                                     | 460  |
| 39 | 30/11/05 | Communications-Electronics Terms.pdf                   | 1425 |
| 40 | 01/09/05 | Définitions nucléaires.pdf                             | 201  |
| 41 | 01/12/05 | DMSMS Acronym Dictionary.pdf                           | 72   |
| 42 | 21/04/05 | Draft.pdf  | 811  |
| 43 | 23/01/09 | Electrical Engineering Dictionary.pdf                  | 3698 |
| 44 | 25/03/06 | Electronic Glossary ACP 167i.pdf                       | 1415 |
| 45 | 29/04/07 | EM 1110-2-2907 Glossary.pdf                            | 175  |
| 46 | 10/11/08 | EMI EMC Encyclopedia.pdf                               | 181  |
| 47 | 25/02/15 | ESD ADV1.0_2014 ESD Glossary.pdf                       | 247  |
| 48 | 13/04/04 | FED-STD-1037C.pdf                                      | 5352 |
| 49 | 28/04/07 | Glossaire OTAN AAP15-2007.pdf                          | 990  |
| 50 | 16/11/05 | Glossary, Acronyms & Abbreviations.pdf                 | 423  |
| 51 | 05/07/11 | Guide terminologie.pdf                                 | 773  |
| 52 | 29/11/05 | HDBK-XXXX-05 Glossary.pdf                              | 441  |
| 53 | 19/01/05 | IEC 60417 snapshot 2005.pdf                            | 1168 |
| 54 | 13/03/15 | Indian Standard - Automatic Control Vocabulary.pdf     | 998  |
| 55 | 13/03/15 | Indian Standard - Electrical & Magnetic Vocabulary.pdf | 773  |
| 56 | 13/03/15 | Indian standard - Electroheat Vocabulary.pdf           | 1295 |
| 57 | 13/03/15 | Indian Standard - Lighting & LEDs Definitions.pdf      | 375  |
| 58 | 13/03/15 | Indian Standard - Physics Vocabulary.pdf               | 4270 |
| 59 | 13/03/15 | Indian Standard - Solar PV Vocabulary.pdf              | 480  |
| 60 | 09/06/08 | Information Assurance Dictionary.pdf                   | 2533 |
| 61 | 04/02/09 | Internet Security Glossary.pdf                         | 821  |
| 62 | 19/01/05 | ISO 7000 {Ed3}04.pdf                                   | 4685 |
| 63 | 04/09/07 | ISO-DIS 13943 Fire Safety Vocabulary.pdf               | 281  |
| 64 | 02/01/13 | JESD77D_12 Terms Definitions & Symbols.pdf             | 1277 |
| 65 | 12/07/13 | JESD88E_13 Solid-State Dictionary.pdf                  | 1342 |
| 66 | 09/09/07 | JESD89 Cosmic Ray-Induced Soft Errors.pdf              | 320  |
| 67 | 04/02/13 | JESD99C_13 Terms Definitions and Symbols.pdf           | 578  |
| 68 | 05/06/07 | Lexique mécanique français-anglais.pdf                 | 437  |

|     |  |  |      |
|-----|--|--|------|
| 69  | 08/03/09   | Lexique réseaux & télécom.pdf                          | 5335 |
| 70  | 03/04/09   | Military and Associated Terms.pdf                      | 2008 |
| 71  | 16/04/08   | NATO Glossary English French.pdf                       | 728  |
| 72  | 21/04/05   | PEARL2.1.pdf   | 797  |
| 73  | 09/08/08   | PLL & Clocking Glossary.pdf                            | 101  |
| 74  | 03/06/07   | SEMI Compilation of Terms.pdf                          | 1448 |
| 75  | 16/11/05   | Sigles divers.pdf                                      | 2434 |
| 76  | 17/12/05   | SPD definitions.pdf                                    | 113  |
| 77  | 21/04/05   | Technical Report DSL Forum.pdf                         | 232  |
| 78  | 21/04/05   | Technology.pdf   | 351  |
| 79  | 08/12/07   | Termes semi-conducteurs.pdf                            | 130  |
| 80  | 10/03/07   | WCH_19.pdf   | 272  |
| 81  | 21/04/05   | Wireless Glossary.pdf                                  | 426  |
| 82  | <b>Acronymes - dictionnaires/IEC Symboles graphiques</b>         |  |      |
| 83  | 15/03/05   | 60417 Snapshot 01-2005.pdf                             | 1168 |
| 84  | 17/02/03   | IEC 60417_03.pdf                                       | 911  |
| 85  | 15/03/05   | IEC 60417_05.pdf                                       | 1168 |
| 86  | 03/10/10   | IEC 60617 database snapshot_05.pdf                     | 4140 |
| 87  | 08/02/08   | IEC Symbols_CONDUCTORS.pdf                             | 55   |
| 88  | 08/02/08   | IEC Symbols_ELECTRICAL_ENERGY.pdf                      | 59   |
| 89  | 08/02/08   | IEC Symbols_GENERAL_SYMBOLS.pdf                        | 108  |
| 90  | 08/02/08   | IEC Symbols_PASSIVE_COMPONENTS.pdf                     | 21   |
| 91  | 08/02/08   | IEC Symbols_SEMICONDUCTORS.pdf                         | 28   |
| 92  | 08/02/08   | IEC Symbols_TEMPERATURE_SENSITIVE_SWITCHES.pdf         | 123  |
| 93  | 08/02/08   | sdyz001a.pdf   | 142  |
| 94  | <b>Acronymes - dictionnaires/Vocabulaire CEM selon CEI 60050</b> |  |      |
| 95  | 31/01/14   | IEC 60050 - (electromagnetic) compatibility level.pdf  | 61   |
| 96  | 31/01/14   | IEC 60050 - (electromagnetic) compatibility margin.pdf | 60   |
| 97  | 31/01/14   | IEC 60050 - (electromagnetic) disturbance level.pdf    | 54   |
| 98  | 31/01/14   | IEC 60050 - (electromagnetic) emission.pdf             | 55   |
| 99  | 31/01/14   | IEC 60050 - (electromagnetic) radiation.pdf            | 56   |
| 100 | 31/01/14   | IEC 60050 - (electromagnetic) susceptibility.pdf       | 57   |
| 101 | 30/01/14   | IEC 60050 - (radiation) test site.pdf                  | 54   |
| 102 | 31/01/14   | IEC 60050 - (total) harmonic factor.pdf                | 58   |
| 103 | 30/01/14   | IEC 60050 - Absorbing clamp.pdf                        | 53   |

|     |          |  |    |
|-----|----------|--|----|
| 104 | 30/01/14 | IEC 60050 - adjacent channel selectivity.pdf         | 59 |
| 105 | 30/01/14 | IEC 60050 - appliance impedance.pdf                  | 53 |
| 106 | 30/01/14 | IEC 60050 - artificial hand.pdf                      | 51 |
| 107 | 31/01/14 | IEC 60050 - artificial mains network.pdf             | 62 |
| 108 | 30/01/14 | IEC 60050 - asymmetrical control (single phase).pdf  | 58 |
| 109 | 30/01/14 | IEC 60050 - asymmetrical terminal voltage.pdf        | 58 |
| 110 | 30/01/14 | IEC 60050 - average detector.pdf                     | 56 |
| 111 | 30/01/14 | IEC 60050 - balun.pdf                                | 49 |
| 112 | 30/01/14 | IEC 60050 - bandwidth (of a device).pdf              | 57 |
| 113 | 30/01/14 | IEC 60050 - bandwidth (of an emission or signal).pdf | 60 |
| 114 | 30/01/14 | IEC 60050 - broadband device.pdf                     | 54 |
| 115 | 30/01/14 | IEC 60050 - broadband disturbance.pdf                | 54 |
| 116 | 31/01/14 | IEC 60050 - burst (of pulses or oscillations).pdf    | 57 |
| 117 | 30/01/14 | IEC 60050 - burst firing control.pdf                 | 57 |
| 118 | 31/01/14 | IEC 60050 - cabinet radiation.pdf                    | 54 |
| 119 | 31/01/14 | IEC 60050 - click rate.pdf                           | 51 |
| 120 | 31/01/14 | IEC 60050 - click.pdf                                | 48 |
| 121 | 30/01/14 | IEC 60050 - common mode conversion.pdf               | 54 |
| 122 | 30/01/14 | IEC 60050 - common mode current.pdf                  | 54 |
| 123 | 30/01/14 | IEC 60050 - common mode impedance.pdf                | 52 |
| 124 | 30/01/14 | IEC 60050 - common mode voltage.pdf                  | 54 |
| 125 | 30/01/14 | IEC 60050 - commutation notch.pdf                    | 52 |
| 126 | 31/01/14 | IEC 60050 - conducted disturbance.pdf                | 53 |
| 127 | 31/01/14 | IEC 60050 - continuous disturbance.pdf               | 53 |
| 128 | 31/01/14 | IEC 60050 - continuous noise.pdf                     | 53 |
| 129 | 31/01/14 | IEC 60050 - coupling factor.pdf                      | 54 |
| 130 | 31/01/14 | IEC 60050 - coupling path.pdf                        | 52 |
| 131 | 30/01/14 | IEC 60050 - current probe.pdf                        | 52 |
| 132 | 30/01/14 | IEC 60050 - cycle of operation.pdf                   | 52 |
| 133 | 30/01/14 | IEC 60050 - cycle.pdf                                | 48 |
| 134 | 30/01/14 | IEC 60050 - cyclic on-off switching control.pdf      | 55 |
| 135 | 31/01/14 | IEC 60050 - damped oscillatory wave.pdf              | 54 |
| 136 | 31/01/14 | IEC 60050 - degradation (of performance).pdf         | 55 |
| 137 | 30/01/14 | IEC 60050 - delay angle.pdf                          | 54 |
| 138 | 31/01/14 | IEC 60050 - delta network.pdf                        | 53 |

|     |          |   |    |
|-----|----------|---|----|
| 139 | 30/01/14 | IEC 60050 - desensitization.pdf                                 | 52 |
| 140 | 30/01/14 | IEC 60050 - differential mode current.pdf                       | 58 |
| 141 | 30/01/14 | IEC 60050 - differential mode voltage.pdf                       | 57 |
| 142 | 31/01/14 | IEC 60050 - discontinuous disturbance.pdf                       | 55 |
| 143 | 31/01/14 | IEC 60050 - discontinuous interference.pdf                      | 55 |
| 144 | 31/01/14 | IEC 60050 - disturbance field strength.pdf                      | 57 |
| 145 | 31/01/14 | IEC 60050 - disturbance power.pdf                               | 52 |
| 146 | 31/01/14 | IEC 60050 - disturbance suppression.pdf                         | 54 |
| 147 | 31/01/14 | IEC 60050 - disturbance voltage.pdf                             | 52 |
| 148 | 30/01/14 | IEC 60050 - dummy lamp.pdf                                      | 50 |
| 149 | 30/01/14 | IEC 60050 - duration of a voltage change.pdf                    | 58 |
| 150 | 31/01/14 | IEC 60050 - earth-coupled interference.pdf                      | 56 |
| 151 | 31/01/14 | IEC 60050 - earthing inductor.pdf                               | 53 |
| 152 | 30/01/14 | IEC 60050 - effective radiated power.pdf                        | 65 |
| 153 | 30/01/14 | IEC 60050 - effective selectivity.pdf                           | 55 |
| 154 | 30/01/14 | IEC 60050 - electrical charge time constant (of a detector).pdf | 61 |
| 155 | 31/01/14 | IEC 60050 - electromagnetic compatibility.pdf                   | 59 |
| 156 | 31/01/14 | IEC 60050 - electromagnetic disturbance.pdf                     | 54 |
| 157 | 03/02/14 | IEC 60050 - electromagnetic environment.pdf                     | 62 |
| 158 | 03/02/14 | IEC 60050 - electromagnetic interference.pdf                    | 62 |
| 159 | 03/02/14 | IEC 60050 - electromagnetic noise.pdf                           | 54 |
| 160 | 03/02/14 | IEC 60050 - electromagnetic screen.pdf                          | 55 |
| 161 | 03/02/14 | IEC 60050 - electrostatic discharge.pdf                         | 57 |
| 162 | 03/02/14 | IEC 60050 - emission (in radiocommunication).pdf                | 60 |
| 163 | 03/02/14 | IEC 60050 - emission level (of a disturbing source).pdf         | 58 |
| 164 | 03/02/14 | IEC 60050 - emission limit (from a disturbing source).pdf       | 61 |
| 165 | 03/02/14 | IEC 60050 - emission margin.pdf                                 | 53 |
| 166 | 03/02/14 | IEC 60050 - emitter (of electromagnetic disturbance).pdf        | 59 |
| 167 | 03/02/14 | IEC 60050 - external immunity.pdf                               | 54 |
| 168 | 30/01/14 | IEC 60050 - flicker.pdf   | 49 |
| 169 | 30/01/14 | IEC 60050 - flickermeter.pdf                                    | 52 |
| 170 | 03/02/14 | IEC 60050 - fundamental (component).pdf                         | 53 |
| 171 | 03/02/14 | IEC 60050 - fundamental factor.pdf                              | 52 |
| 172 | 30/01/14 | IEC 60050 - fusion frequency.pdf                                | 60 |
| 173 | 30/01/14 | IEC 60050 - generalized phase control.pdf                       | 55 |

|     |          |  |    |
|-----|----------|--|----|
| 174 | 03/02/14 | IEC 60050 - harmonic (component).pdf                   | 54 |
| 175 | 03/02/14 | IEC 60050 - harmonic content.pdf                       | 55 |
| 176 | 03/02/14 | IEC 60050 - harmonic number.pdf                        | 54 |
| 177 | 03/02/14 | IEC 60050 - level (of a time varying quantity).pdf     | 55 |
| 178 | 03/02/14 | IEC 60050 - limit of disturbance.pdf                   | 54 |
| 179 | 03/02/14 | IEC 60050 - limit of interference.pdf                  | 56 |
| 180 | 30/01/14 | IEC 60050 - image rejection ratio.pdf                  | 60 |
| 181 | 03/02/14 | IEC 60050 - immunity (to a disturbance).pdf            | 57 |
| 182 | 03/02/14 | IEC 60050 - immunity level.pdf                         | 53 |
| 183 | 03/02/14 | IEC 60050 - immunity limit.pdf                         | 54 |
| 184 | 03/02/14 | IEC 60050 - immunity margin.pdf                        | 53 |
| 185 | 30/01/14 | IEC 60050 - immunity test level.pdf                    | 57 |
| 186 | 03/02/14 | IEC 60050 - impulse.pdf                                | 49 |
| 187 | 03/02/14 | IEC 60050 - impulsive disturbance.pdf                  | 53 |
| 188 | 03/02/14 | IEC 60050 - impulsive noise.pdf                        | 52 |
| 189 | 30/01/14 | IEC 60050 - information technology equipment.pdf       | 62 |
| 190 | 30/01/14 | IEC 60050 - input power control.pdf                    | 55 |
| 191 | 30/01/14 | IEC 60050 - installation wiring impedance.pdf          | 56 |
| 192 | 03/02/14 | IEC 60050 - interference suppression.pdf               | 52 |
| 193 | 03/02/14 | IEC 60050 - interfering signal.pdf                     | 53 |
| 194 | 30/01/14 | IEC 60050 - intermediate frequency rejection ratio.pdf | 60 |
| 195 | 30/01/14 | IEC 60050 - intermodulation.pdf                        | 53 |
| 196 | 03/02/14 | IEC 60050 - internal immunity.pdf                      | 53 |
| 197 | 03/02/14 | IEC 60050 - Inter-system interference.pdf              | 56 |
| 198 | 03/02/14 | IEC 60050 - Intra-system interference.pdf              | 55 |
| 199 | 30/01/14 | IEC 60050 - ISM (qualifier).pdf                        | 53 |
| 200 | 30/01/14 | IEC 60050 - ISM frequency band.pdf                     | 54 |
| 201 | 30/01/14 | IEC 60050 - long-term flicker indicator.pdf            | 62 |
| 202 | 30/01/14 | IEC 60050 - magnitude of a voltage fluctuation.pdf     | 57 |
| 203 | 03/02/14 | IEC 60050 - mains decoupling factor.pdf                | 60 |
| 204 | 03/02/14 | IEC 60050 - mains immunity.pdf                         | 56 |
| 205 | 03/02/14 | IEC 60050 - mains-borne disturbance.pdf                | 58 |
| 206 | 03/02/14 | IEC 60050 - man-made noise.pdf                         | 53 |
| 207 | 30/01/14 | IEC 60050 - mechanical time constant.pdf               | 68 |
| 208 | 30/01/14 | IEC 60050 - multicycle control (by half-cycles).pdf    | 60 |

|     |          |   |    |
|-----|----------|---|----|
| 209 | 30/01/14 | IEC 60050 - narrowband device.pdf                     | 48 |
| 210 | 30/01/14 | IEC 60050 - narrowband disturbance.pdf                | 54 |
| 211 | 03/02/14 | IEC 60050 - natural noise.pdf                         | 51 |
| 212 | 03/02/14 | IEC 60050 - nth harmonic ratio.pdf                    | 54 |
| 213 | 30/01/14 | IEC 60050 - out-of-band emission.pdf                  | 54 |
| 214 | 30/01/14 | IEC 60050 - output power control.pdf                  | 55 |
| 215 | 30/01/14 | IEC 60050 - overload factor (of a receiver).pdf       | 61 |
| 216 | 30/01/14 | IEC 60050 - parasitic oscillation.pdf                 | 52 |
| 217 | 30/01/14 | IEC 60050 - peak detector.pdf                         | 58 |
| 218 | 03/02/14 | IEC 60050 - peak-ripple factor.pdf                    | 57 |
| 219 | 30/01/14 | IEC 60050 - phase control.pdf                         | 53 |
| 220 | 30/01/14 | IEC 60050 - point of common coupling.pdf              | 60 |
| 221 | 30/01/14 | IEC 60050 - professional equipment.pdf                | 53 |
| 222 | 30/01/14 | IEC 60050 - program (of a control system).pdf         | 55 |
| 223 | 30/01/14 | IEC 60050 - protection ratio.pdf                      | 51 |
| 224 | 03/02/14 | IEC 60050 - pulsating.pdf                             | 49 |
| 225 | 30/01/14 | IEC 60050 - pulse response characteristic.pdf         | 67 |
| 226 | 03/02/14 | IEC 60050 - pulse.pdf                                 | 48 |
| 227 | 03/02/14 | IEC 60050 - quasi-impulsive noise.pdf                 | 54 |
| 228 | 30/01/14 | IEC 60050 - quasi-peak detector.pdf                   | 60 |
| 229 | 30/01/14 | IEC 60050 - quasi-peak voltmeter.pdf                  | 60 |
| 230 | 03/02/14 | IEC 60050 - r.m.s ripple factor.pdf                   | 58 |
| 231 | 03/02/14 | IEC 60050 - radiated disturbance.pdf                  | 54 |
| 232 | 03/02/14 | IEC 60050 - radio (frequency) disturbance.pdf         | 56 |
| 233 | 03/02/14 | IEC 60050 - radio (frequency) noise.pdf               | 56 |
| 234 | 03/02/14 | IEC 60050 - radio environment.pdf                     | 57 |
| 235 | 30/01/14 | IEC 60050 - radio frequency heating apparatus.pdf     | 58 |
| 236 | 03/02/14 | IEC 60050 - radio frequency interference.pdf          | 61 |
| 237 | 03/02/14 | IEC 60050 - random noise.pdf                          | 52 |
| 238 | 30/01/14 | IEC 60050 - rate of occurrence of voltage changes.pdf | 57 |
| 239 | 03/02/14 | IEC 60050 - rate of rise.pdf                          | 51 |
| 240 | 03/02/14 | IEC 60050 - reference impedance.pdf                   | 53 |
| 241 | 30/01/14 | IEC 60050 - reference-earth plane.pdf                 | 56 |
| 242 | 30/01/14 | IEC 60050 - relative voltage change.pdf               | 54 |
| 243 | 03/02/14 | IEC 60050 - ring wave.pdf                             | 51 |

|     |          |  |    |
|-----|----------|--|----|
| 244 | 03/02/14 | IEC 60050 - ripple content.pdf                                 | 52 |
| 245 | 03/02/14 | IEC 60050 - rise time.pdf                                      | 57 |
| 246 | 30/01/14 | IEC 60050 - root-mean-square detector.pdf                      | 58 |
| 247 | 03/02/14 | IEC 60050 - screen.pdf   | 51 |
| 248 | 30/01/14 | IEC 60050 - selectivity.pdf                                    | 52 |
| 249 | 30/01/14 | IEC 60050 - service connection impedance.pdf                   | 57 |
| 250 | 30/01/14 | IEC 60050 - shielded enclosure.pdf                             | 51 |
| 251 | 30/01/14 | IEC 60050 - short interruption.pdf                             | 60 |
| 252 | 30/01/14 | IEC 60050 - short-term flicker indicator.pdf                   | 62 |
| 253 | 30/01/14 | IEC 60050 - signal-to-disturbance ratio.pdf                    | 56 |
| 254 | 30/01/14 | IEC 60050 - signal-to-noise ratio.pdf                          | 56 |
| 255 | 30/01/14 | IEC 60050 - single-signal method.pdf                           | 53 |
| 256 | 03/02/14 | IEC 60050 - spike.pdf  | 50 |
| 257 | 30/01/14 | IEC 60050 - spurious emission (of a transmitting station).pdf  | 61 |
| 258 | 30/01/14 | IEC 60050 - spurious response frequency.pdf                    | 61 |
| 259 | 30/01/14 | IEC 60050 - spurious response rejection ratio.pdf              | 60 |
| 260 | 30/01/14 | IEC 60050 - stop (quarter-wave) filter.pdf                     | 58 |
| 261 | 30/01/14 | IEC 60050 - stripline.pdf                                      | 51 |
| 262 | 30/01/14 | IEC 60050 - supply system impedance.pdf                        | 55 |
| 263 | 03/02/14 | IEC 60050 - suppressor.pdf                                     | 54 |
| 264 | 30/01/14 | IEC 60050 - surface transfer impedance (of a coaxial line).pdf | 62 |
| 265 | 03/02/14 | IEC 60050 - susceptible device.pdf                             | 56 |
| 266 | 30/01/14 | IEC 60050 - symmetrical control (single phase).pdf             | 57 |
| 267 | 30/01/14 | IEC 60050 - symmetrical terminal voltage.pdf                   | 60 |
| 268 | 30/01/14 | IEC 60050 - synchronous multicycle control.pdf                 | 58 |
| 269 | 30/01/14 | IEC 60050 - TEM cell.pdf                                       | 48 |
| 270 | 30/01/14 | IEC 60050 - threshold of flicker irritability.pdf              | 58 |
| 271 | 30/01/14 | IEC 60050 - threshold of flicker perceptibility.pdf            | 56 |
| 272 | 30/01/14 | IEC 60050 - transfer impedance (of a screened circuit).pdf     | 59 |
| 273 | 03/02/14 | IEC 60050 - transient.pdf                                      | 57 |
| 274 | 30/01/14 | IEC 60050 - two-signal method.pdf                              | 53 |
| 275 | 03/02/14 | IEC 60050 - unwanted signal.pdf                                | 53 |
| 276 | 03/02/14 | IEC 60050 - V-network.pdf                                      | 52 |
| 277 | 30/01/14 | IEC 60050 - voltage change interval.pdf                        | 55 |
| 278 | 30/01/14 | IEC 60050 - voltage change.pdf                                 | 52 |



|     |          |  |    |
|-----|----------|--|----|
| 279 | 30/01/14 | IEC 60050 - voltage dip.pdf                  | 52 |
| 280 | 30/01/14 | IEC 60050 - voltage fluctuation waveform.pdf | 57 |
| 281 | 30/01/14 | IEC 60050 - voltage fluctuation.pdf          | 53 |
| 282 | 30/01/14 | IEC 60050 - voltage surge.pdf                | 53 |
| 283 | 30/01/14 | IEC 60050 - voltage unbalance.pdf            | 54 |
| 284 | 30/01/14 | IEC 60050 - V-terminal voltage.pdf           | 52 |

285

286

## Aéronautique & espace

287

288

### Aéronautique & espace\Blindage en aéronautique et espace

|     |          |   |     |
|-----|----------|---|-----|
| 289 | 13/12/06 | Aircraft Shielding Measurements & RC.pdf    | 451 |
| 290 | 14/10/11 | Ariane 5 Launcher Payloads Cavities.pdf     | 549 |
| 291 | 21/03/04 | Avion de combat.pdf                         | 351 |
| 292 | 03/09/07 | Cylindrical Scale Fuselage Model.pdf        | 367 |
| 293 | 03/09/07 | Effects of Apertures & Human Bodies.pdf     | 288 |
| 294 | 20/08/09 | EM Complex Cavity Characterization.pdf      | 136 |
| 295 | 13/11/04 | In-Situ Shielding Effectiveness.pdf         | 142 |
| 296 | 16/12/07 | Protection of Generic Missile Enclosure.pdf | 355 |
| 297 | 16/12/07 | Shielding Specification Techniques.pdf      | 173 |

298

### Aéronautique & espace/CEM aéronautique

|     |          |   |      |
|-----|----------|---|------|
| 299 | 27/07/15 | A Wreck of an Airplane.pdf                            | 168  |
| 300 | 15/12/04 | Aerospace EMC.pdf                                     | 6220 |
| 301 | 29/11/05 | AFIT Research Report 2004.pdf                         | 694  |
| 302 | 02/09/08 | Aircraft Coupling & Hardening.pdf                     | 1388 |
| 303 | 02/10/10 | Aircraft EMC - Clifton Clarke.pdf                     | 5648 |
| 304 | 17/04/07 | Aircraft EMI Anomalies & Solutions.pdf                | 1015 |
| 305 | 16/11/05 | Aircraft Vulnerability Mitigation.pdf                 | 273  |
| 306 | 15/11/05 | CENELEC Aircraft EMC.pdf                              | 458  |
| 307 | 14/11/11 | EMC Considerations in Aircraft Design.pdf             | 99   |
| 308 | 24/03/15 | En3 - Electronique de puissance - Contraintes CEM.pdf | 4272 |
| 309 | 04/10/11 | Grounding System for a Modular Spacecraft.pdf         | 395  |
| 310 | 16/12/07 | Military Aircraft EMC.pdf                             | 585  |
| 311 | 11/01/07 | NASA MEDIC Handbook.pdf                               | 660  |
| 312 | 23/10/08 | Special Issue on Aerospace EMC.pdf                    | 53   |

313

### Aéronautique & espace\CEM des hélicoptères

|     |  |   |       |
|-----|--|---|-------|
| 314 | 21/05/13   | Aircraft EMI testing results - Rotorcraft.pdf                   | 560   |
| 315 | 01/11/07   | Helicopter Rotor Modulation Effects.pdf                         | 473   |
| 316 | 28/10/07   | Helicopter Rotor Modulation Reduction.pdf                       | 119   |
| 317 | 13/11/07   | HF Antennas on Helicopter Airframes.pdf                         | 328   |
| 318 | 21/03/04   | Modélisation d'un hélicoptère.pdf                               | 441   |
| 319 | 01/11/07   | Rotor-Blade Modulation.pdf                                      | 795   |
| 320 | 29/11/05   | Rotorcraft & Aircraft Qualification.pdf                         | 2099  |
| 321 | 05/02/09   | Warfare Helicopter Self-Protection.pdf                          | 3074  |
| 322 | <b>Aéronautique &amp; espace\CEM spatiale</b>              |   |       |
| 323 | 21/11/14   | "Ground" in Space.pdf   | 2079  |
| 324 | 21/11/14   | EMC In Space - Lessons Learned.pdf                              | 1807  |
| 325 | 21/11/14   | EMC-RF Analysis and Mission requirements verification.pdf       | 1075  |
| 326 | 21/11/14   | Expected EMC in Spacecraft & Avionics Boxes.pdf                 | 1067  |
| 327 | <b>Aéronautique &amp; espace\Champs forts (HIRF)</b>       |   |       |
| 328 | 17/04/15   | Avionics System Design for High Energy Fields.pdf               | 8102  |
| 329 | 30/12/06   | Extreme EMC EEE program.pdf                                     | 219   |
| 330 | 26/03/14   | HIRF Coupling into Aircraft Using the MoM.pdf                   | 610   |
| 331 | 09/09/07   | HIRF Penetration into Aircrafts.pdf                             | 26133 |
| 332 | 20/07/15   | Susceptibility of Digital Avionics to HIRF.pdf                  | 387   |
| 333 | <b>Aéronautique &amp; espace\Conception</b>                |   |       |
| 334 | 24/01/15   | Flexible Displays to Multiple Embedded Platforms.pdf            | 267   |
| 335 | 19/10/06   | NASA Free Publications.pdf                                      | 231   |
| 336 | 21/08/06   | NASA Shuttle EMC Requirements.pdf                               | 90    |
| 337 | 30/12/06   | Simple Spacecraft Consideration.pdf                             | 72    |
| 338 | 04/10/11   | Verification for the Dragon COTS Spacecraft-1.pdf               | 537   |
| 339 | 04/10/11   | Verification for the Dragon COTS Spacecraft-2.pdf               | 394   |
| 340 | <b>Aéronautique &amp; espace\Couplages en aéronautique</b> |   |       |
| 341 | 19/08/09   | EM Penetration for 2 Different Aircraft.pdf                     | 703   |
| 342 | 08/01/08   | Small Aircraft RF Interference Path Loss.pdf                    | 294   |
| 343 | 20/08/15   | Worst-Case Estimation of Crosstalk Inside a Cable Connector.pdf | 367   |
| 344 | <b>Aéronautique &amp; espace\DES en aéro et spatial</b>    |   |       |
| 345 | 16/03/12   | Décharges en systèmes avioniques.pdf                            | 3932  |
| 346 | 04/10/11   | Geosynchronous Spacecraft ESD Environment.pdf                   | 489   |
| 347 | 04/06/15   | KSC ESD Issues.pdf  | 2462  |
| 348 | 21/11/14   | Space Electrostatic Discharge (ESD) Sensitization.pdf           | 962   |

|     |  |  |      |
|-----|--|--|------|
| 349 | <b>Aéronautique &amp; espace\Drones (UAVs - UASs)</b>            |  |      |
| 350 | 21/11/14   | EM Vulnerability for UAS Digital Avionics.pdf  | 2229 |
| 351 | 20/11/14   | EMC Issues for Unmanned Aircraft Systems.pdf   | 295  |
| 352 | 20/11/14   | EMC of UAVs and Sensors.pdf                    | 1021 |
| 353 | 08/02/16   | EMI test of UAS for first responders.pdf       | 575  |
| 354 | 20/11/14   | Feko Modeling of EMC Problems for UAVs.pdf     | 2683 |
| 355 | 22/04/15   | Next Generation UAS Research Roadmap.pdf       | 1252 |
| 356 | 21/11/14   | Overview of UAS Standards Development.pdf      | 2830 |
| 357 | 27/04/15   | Unhackable Drones into National Airspace.pdf   | 76   |
| 358 | 17/03/06   | Unmanned Aircraft Roadmaps.pdf                 | 4751 |
| 359 | <b>Aéronautique &amp; espace\Environnement électromagnétique</b> |  |      |
| 360 | 03/09/07   | Airborne field strength monitoring.pdf         | 289  |
| 361 | 07/09/11   | DC H Fields Cleanliness on Spacecraft.pdf      | 359  |
| 362 | 07/03/04   | Devices Onboard Commercial Aircraft.pdf        | 466  |
| 363 | 23/10/08   | Effects of Passengers on Coupling.pdf          | 155  |
| 364 | 24/09/13   | EM ambient inside an aircraft.pdf              | 121  |
| 365 | 25/02/04   | EM avionics environment.pdf                    | 649  |
| 366 | 30/12/06   | In-Flight RF Environment.pdf                   | 216  |
| 367 | 13/11/04   | PED Excitations in Aircrafts.pdf               | 282  |
| 368 | 20/08/09   | Phased Array Effects of Passenger Aircraft.pdf | 156  |
| 369 | 08/01/08   | Representative Flight RF Environment.pdf       | 299  |
| 370 | 11/12/07   | Scattering genetic algorithm.pdf               | 299  |
| 371 | 07/09/11   | Spacecraft Low Frequency Interference.pdf      | 514  |
| 372 | 22/10/08   | VHF Interference on Cable Harnesses.pdf        | 298  |
| 373 | <b>Aéronautique &amp; espace\Filtres aéronautiques</b>           |  |      |
| 374 | 14/10/13   | Hybrid filter circuits for aircraft.pdf        | 313  |
| 375 | <b>Aéronautique &amp; espace\Foudre en aéronautique</b>          |  |      |
| 376 | 03/09/08   | Aircraft Lightning Attachment.pdf              | 592  |
| 377 | 22/03/04   | Aircraft lightning stroke.pdf                  | 877  |
| 378 | 07/04/07   | Aircraft Lightning.pdf                         | 2037 |
| 379 | 15/11/08   | Aircraft transfer function Measurement.pdf     | 1817 |
| 380 | 28/11/04   | Direct Lightning to Aircraft.pdf               | 1185 |
| 381 | 14/10/11   | EMI Lightning and ESD Verification-Part 1.pdf  | 169  |
| 382 | 14/10/11   | EMI Lightning and ESD Verification-Part 2.pdf  | 419  |
| 383 | 06/11/08   | FAA Surge Protection.pdf                       | 37   |

|     |  |   |      |
|-----|--|---|------|
| 384 | 26/02/16   | FDTD Simulation of Lightning Current in Multilayer CFRP Panel.pdf | 530  |
| 385 | 03/11/13   | Gas Discharge Tubes (GDT) for Lightning Protection.pdf            | 805  |
| 386 | 16/07/14   | Impact of Lightning and HIRF on Cables in Aircraft.pdf            | 640  |
| 387 | 17/04/13   | Indirect Effect of Lightning on Aircraft.pdf                      | 1362 |
| 388 | 05/09/07   | In-Flight Direct Strike Lightning.pdf                             | 891  |
| 389 | 21/05/13   | In-Flight Lightning Strike Damage.pdf                             | 855  |
| 390 | 17/11/05   | Lightning & HIRF Threats.pdf                                      | 147  |
| 391 | 28/11/11   | Lightning AirframeIntegrator.pdf                                  | 3289 |
| 392 | 07/09/11   | Lightning and Tribo-Electric Charging Design.pdf                  | 334  |
| 393 | 28/06/14   | Lightning Effects on Aircraft With Composite Structures.pdf       | 655  |
| 394 | 22/10/08   | Lightning Indirect Effects Certification.pdf                      | 478  |
| 395 | 13/01/08   | Lightning Interaction with Aircraft.pdf                           | 383  |
| 396 | 04/06/15   | Lightning Pin Injection Test on ON MOSFET.pdf                     | 1286 |
| 397 | 11/10/13   | Lightning Protection for Avionics on Composite Aircraft.pdf       | 283  |
| 398 | 11/10/13   | Lightning Protection for DC Power Input.pdf                       | 208  |
| 399 | 04/06/15   | Lightning Protection Guidelines for Aerospace Vehicles.pdf        | 2213 |
| 400 | 21/05/13   | Lightning protection of aircraft.pdf                              | 2166 |
| 401 | 21/05/13   | Lightning Strikes - Protection Inspection and Repair.pdf          | 494  |
| 402 | 11/09/05   | Lightning Strikes and Aircraft.pdf                                | 140  |
| 403 | 11/09/02   | Lightning Susceptibility-Part 1.pdf                               | 123  |
| 404 | 29/11/04   | Lightning Susceptibility-Part 2.pdf                               | 218  |
| 405 | 23/04/13   | Lightning-Induced Current Simulation.pdf                          | 781  |
| 406 | 30/09/15   | Microsemi - Aircraft Lightning Protection.pdf                     | 2512 |
| 407 | 30/09/15   | Microsemi - Selection of TVS for DO-160.pdf                       | 153  |
| 408 | 04/06/15   | Pin Injection Testing on MOSFETS.pdf                              | 1238 |
| 409 | 02/10/13   | SiC Device for Lightning Surge Protection.pdf                     | 410  |
| 410 | 02/10/13   | Surge Protection Using 4H-SiC Current Limiter.pdf                 | 445  |
| 411 | 17/11/04   | Synthèse foudre.pdf   | 324  |
| 412 | 21/05/13   | Thèse Jazzar 2013 - Immunité foudre.pdf                           | 5691 |
| 413 | 24/04/06   | Thunderstorm Protection of Radomes.pdf                            | 4483 |
| 414 | 04/06/15   | Triggered Lightning Numerical Models.pdf                          | 6055 |
| 415 | <b>Aéronautique &amp; espace\GPS en aéronautique</b> |   |      |
| 416 | 16/08/06   | GPS & Airport Landing Systems.pdf                                 | 137  |
| 417 | 16/12/04   | GPS & Evaluation of Coupling.pdf                                  | 255  |
| 418 | <b>Aéronautique &amp; espace\GSM en aéronautique</b> |   |      |

|     |   |   |      |
|-----|---|---|------|
| 419 | 23/10/08  | GSM Field Sensor Aboard an Aircraft.pdf                         | 86   |
| 420 | 17/06/06  | GSM Wireless Phones.pdf   | 191  |
| 421 | <b>Aéronautique &amp; espace\Matériaux composites</b>         |   |      |
| 422 | 13/04/15  | EMC Simulations of Aircraft with Composite Materials.pdf        | 579  |
| 423 | <b>Aéronautique &amp; espace\Menaces, risques et sécurité</b> |   |      |
| 424 | 30/12/06  | Aircraft Fuel Ignition.pdf                                      | 306  |
| 425 | 13/09/07  | AirCRAFT Practical Grounding.pdf                                | 159  |
| 426 | 09/09/07  | Aircraft Wireless Phone Threat.pdf                              | 7890 |
| 427 | 15/11/05  | Flight Safety Information.pdf                                   | 515  |
| 428 | 02/03/11  | NASA-CR-2002-211941 Wireless Threat to Avionics.pdf             | 734  |
| 429 | 16/12/04  | Portable Wireless Device Threat.pdf                             | 809  |
| 430 | 06/07/08  | Wireless Network Inside an Aircraft.pdf                         | 692  |
| 431 | 23/10/12  | Wireless Phone Threat Assessment for Aircraft.pdf               | 7665 |
| 432 | 22/07/06  | Wireless phone threat.pdf                                       | 592  |
| 433 | <b>Aéronautique &amp; espace\Modélisation et simulation</b>   |   |      |
| 434 | 24/08/09  | Full-wave EM-modeling in Aerospace.pdf                          | 725  |
| 435 | 31/12/06  | LTCC digital demodulator.pdf                                    | 389  |
| 436 | 15/08/14  | Modeling of an EM Illumination on an Aircraft Cable Harness.pdf | 804  |
| 437 | 21/10/15  | PEEC Current Return Networks in Composite Aircrafts.pdf         | 467  |
| 438 | 21/08/13  | Wire Harness Load Impedances in the FDTD Model.pdf              | 278  |
| 439 | <b>Aéronautique &amp; espace\Normes et tests</b>              |   |      |
| 440 | 30/07/11  | Commercial Avionics - RTCA - DO-160G.pdf                        | 487  |
| 441 | 21/11/14  | Complex Cavity Aircraft EM Environment Assessments.pdf          | 2273 |
| 442 | 12/05/14  | Differences between DO160-D,E,F & G.pdf                         | 88   |
| 443 | 14/11/04  | DO-160 Qualification Methods.pdf                                | 112  |
| 444 | 08/03/04  | DO-160 Qualification Tests.pdf                                  | 117  |
| 445 | 14/12/05  | EMC for RTCA DO-160E.pdf  | 497  |
| 446 | 21/08/13  | Equivalent Cable Bundle Method.pdf                              | 460  |
| 447 | 22/12/07  | Extremely Low Radiated Emissions.pdf                            | 141  |
| 448 | 15/09/14  | FAA Advisory Circular 21-16G_2011.pdf                           | 101  |
| 449 | 18/02/02  | HF Aircraft testing.pdf   | 146  |
| 450 | 29/11/13  | Magnetic Testing, Modeling & Simulation Analysis.pdf            | 967  |
| 451 | 30/12/06  | Modern Spacecraft - Antique Specs.pdf                           | 362  |
| 452 | 16/11/05  | NASA STAR 2002.pdf  | 2375 |
| 453 | 15/09/14  | New EMC requirements for DO-160G.pdf                            | 363  |

|     |  |  |      |
|-----|--|--|------|
| 454 | 14/10/11   | Spacecraft EMI Test Methodology.pdf                        | 860  |
| 455 | <b>Aéronautique &amp; espace\Programmes spatiaux</b>                     |  |      |
| 456 | 30/12/06   | NASA's Mars Reconnaissance Orbiter.pdf                     | 307  |
| 457 | <b>Aéronautique &amp; espace\Propagation en aéronef - Susceptibilité</b> |  |      |
| 458 | 10/04/15   | Complex Cavity Measurement Techniques.pdf                  | 3205 |
| 459 | 30/12/06   | RF Attenuation of the Space Shuttle 1.pdf                  | 229  |
| 460 | 01/01/07   | RF Attenuation of the Space Shuttle 2.pdf                  | 268  |
| 461 | 24/08/09   | RF Propagation in Large Aircraft.pdf                       | 749  |
| 462 | 13/04/15   | Susceptibility Testing in the Near-Field with Cavity.pdf   | 594  |
| 463 | <b>Aéronautique &amp; espace\Radio et antennes en aéronautique</b>       |  |      |
| 464 | 15/10/06   | 2-Way Radio Threat for Aircraft VHF.pdf                    | 4792 |
| 465 | 30/09/15   | Analysis of 960-1215 MHz Band.pdf                          | 29   |
| 466 | 20/11/14   | Antenna performance on a UAV.pdf                           | 3419 |
| 467 | 21/03/04   | Couplage entre antennes sur porteur.pdf                    | 133  |
| 468 | 21/05/13   | EM methodology and requirements.pdf                        | 140  |
| 469 | 09/02/11   | EMC of Transceivers on Unmanned Aircraft.pdf               | 163  |
| 470 | 21/11/15   | EMI to Flight Navigation and Communication Systems.pdf     | 1588 |
| 471 | 07/11/15   | Harmful Interferences to Aeronautical Radio due to PIM.pdf | 165  |
| 472 | 23/10/08   | ILS Disturbances Due to Taxiing Aircraft.pdf               | 285  |
| 473 | 27/08/08   | Isolation between airborne antennas.pdf                    | 85   |
| 474 | 17/07/15   | ITU-R SM.1140 Aeronautical receivers & FM Band.pdf         | 305  |
| 475 | 22/08/15   | New Strategies in the Age of Wireless.pdf                  | 1594 |
| 476 | 23/10/08   | Path Loss Cabin to Exterior Antenna.pdf                    | 193  |
| 477 | 02/10/15   | Radiocommunication aéronautique - Wikipédia.docx           | 1533 |
| 478 | 02/10/15   | Radiocommunication aéronautique - Wikipédia.pdf            | 1819 |
| 479 | 04/10/11   | RF Interference Caused by Plasma Plumes.pdf                | 519  |
| 480 | 05/03/14   | Telemetry Signals in the Presence of a Subcarrier.pdf      | 868  |
| 481 | 19/08/09   | Transmitters inside a Launch Vehicle Fairing.pdf           | 289  |
| 482 | 04/06/15   | UWB EMI To Aircraft Radios.pdf                             | 756  |
| 483 | 23/10/08   | Wireless Dual-Band Sensing System.pdf                      | 242  |
| 484 | <b>Aéronautique &amp; espace\Réseaux électriques en aéronautique</b>     |  |      |
| 485 | 24/04/06   | Aircraft smart structure integration.pdf                   | 466  |
| 486 | 23/11/13   | Electrical Networks in Airplanes.pdf                       | 1131 |
| 487 | 08/09/05   | Transients on Aircraft Power.pdf                           | 100  |
| 488 | <b>Aéronautique &amp; espace\Réseaux locaux et bus rapides</b>           |  |      |

|     |  |  |     |
|-----|--|--|-----|
| 489 | 13/11/04   | Aerospace 100BaseTX Ethernet.pdf                   | 401 |
| 490 | 20/08/09   | EMI Compliance with DVI and HDMI.pdf               | 317 |
| 491 | 24/08/06   | Space Standard Bus Specs.pdf                       | 189 |
| 492 | 19/07/10   | SpaceWire Standard.pdf                             | 58  |
| 493 | 03/01/11   | SpaceWire std draft c.pdf                          | 284 |
| 494 | <b>Aéronautique &amp; espace\Satellites et spatial</b> |  |     |
| 495 | 09/06/07   | Solar Power Satellite.pdf                          | 286 |
| 496 | 28/11/05   | Space components.pdf                               | 304 |
| 497 | 04/06/15   | Spacecraft Charging Issues for Launch Vehicles.pdf | 246 |
| 498 | 06/12/07   | Spacecraft Umbilical Cables.pdf                    | 125 |

499

500

### Aneries et sottises

501

|     |          |  |      |
|-----|----------|--|------|
| 502 | 11/03/15 | "Ground".pdf   | 164  |
| 503 | 25/02/04 | (Stupid) EMC control plan.pdf                          | 59   |
| 504 | 11/01/07 | 7405 manual.pdf  | 1008 |
| 505 | 25/08/05 | AD Stupid Grounding.pdf                                | 437  |
| 506 | 09/06/15 | AD7755 Watt-Hour Energy Meter.pdf                      | 845  |
| 507 | 23/01/14 | AN-202 Making Things Go Right.pdf                      | 79   |
| 508 | 04/07/05 | Barrette stupide.jpg                                   | 115  |
| 509 | 21/03/04 | Bâtiments EDF-Soleil (stupide).pdf                     | 57   |
| 510 | 24/09/13 | Dealing with EMI in Cables.pdf                         | 377  |
| 511 | 04/07/05 | Descente stupide 2.jpg                                 | 75   |
| 512 | 04/07/05 | Descente stupide bon maillage.jpg                      | 186  |
| 513 | 04/07/05 | Descente stupide.jpg                                   | 76   |
| 514 | 21/11/12 | ECO POWER SYSTEM.pdf                                   | 392  |
| 515 | 17/10/12 | EMC History Workshop.pdf                               | 423  |
| 516 | 13/10/09 | EMI Filter for Boo st PFC.pdf                          | 117  |
| 517 | 31/10/14 | Emission of isoPower Devices.png                       | 36   |
| 518 | 05/06/11 | GHz Differential Signals Using Grounded Resonators.pdf | 771  |
| 519 | 16/11/13 | Ground in Space.pdf                                    | 989  |
| 520 | 05/02/13 | Grounding in mixed-signal systems.pdf                  | 83   |
| 521 | 17/11/13 | IEMI Fault Injection into Cryptographic Devices.pdf    | 394  |
| 522 | 26/06/15 | Jitter et skew.pdf                                     | 163  |
| 523 | 31/05/13 | Les ondes scalaires.pdf                                | 445  |

|     |          |   |      |
|-----|----------|---|------|
| 524 | 26/06/07 | LHC Approximative Rules.pdf                         | 462  |
| 525 | 26/09/14 | Low-Microphony Engineering.pdf                      | 110  |
| 526 | 22/02/11 | Lumped-Element Circuit Model of Ferrite Chokes.pdf  | 323  |
| 527 | 03/11/15 | Mobile-phone bees.pdf                               | 1799 |
| 528 | 08/11/12 | MT-031 Grounding Data Converters.pdf                | 148  |
| 529 | 23/01/14 | MT-031 Mystery of AGND and DGND.pdf                 | 142  |
| 530 | 04/06/15 | NASA Electrical Grounding Handbook.pdf              | 1321 |
| 531 | 15/02/11 | Network Filter.pdf                                  | 292  |
| 532 | 13/10/09 | Parasitic Cancellation Techniques.pdf               | 440  |
| 533 | 04/07/05 | Paratonnerre stupide.jpg                            | 70   |
| 534 | 23/01/07 | PCB Layout EMC.pdf                                  | 1312 |
| 535 | 31/10/14 | Radiated Emissions of isoPower Devices.pdf          | 422  |
| 536 | 08/10/12 | Sharing a Common Power Island Structure.pdf         | 586  |
| 537 | 04/10/11 | Slot-crossing Differential Lines.pdf                | 371  |
| 538 | 20/07/06 | Stupid elevated setup.png                           | 43   |
| 539 | 18/08/06 | Stupid Grounding.pdf                                | 467  |
| 540 | 14/10/15 | Techwell TW9910 Berk.pdf                            | 512  |
| 541 | 05/12/11 | Terrées dans une grotte, elles fuient les ondes.pdf | 85   |
| 542 | 03/09/07 | Winding Capacitance Cancellation.pdf                | 212  |
| 543 | 16/03/10 | Wrong paper.pdf                                     | 112  |
| 544 | 16/03/10 | Wrong Skin Effect.pdf                               | 129  |

545

## 546 Antennes et capteurs EM

547

|     |   |   |     |
|-----|---|---|-----|
| 548 | <b>Antennes et capteurs EM\Antennes actives</b>                       |   |     |
| 549 | 26/08/08  | Antenna for stolen cars.pdf                             | 309 |
| 550 | 25/04/04  | BBC066-UHF Active Antenna.pdf                           | 117 |
| 551 | 04/07/12  | DC power pattern of Rectifier-Antennas.pdf              | 107 |
| 552 | 21/10/15  | Feed-Forward Control for Active Antenna Cancelation.pdf | 578 |
| 553 | 04/07/12  | Metamaterial-based directive cavity antennas.pdf        | 353 |
| 554 | 02/12/07  | Smart Antenna Systems.pdf                               | 197 |
| 555 | 26/10/08  | Vehicle Active Antenna Designs.pdf                      | 191 |
| 556 | <b>Antennes et capteurs EM\Antennes adaptatives, tags &amp; smart</b> |   |     |
| 557 | 01/03/13  | Adaptive Multibeam Conformal Antenna.pdf                | 571 |
| 558 | 04/12/04  | Antenna Parameter Optimization.pdf                      | 192 |



|     |   |   |      |
|-----|---|---|------|
| 559 | 05/07/12  | Antennas for Cognitive Radios.pdf                       | 193  |
| 560 | 01/03/13  | Arrays for 60 GHz Hybrid Smart Antenna.pdf              | 306  |
| 561 | 04/07/12  | Cylindrical Multiuser Beam-Free Active Phased Array.pdf | 257  |
| 562 | 01/03/13  | Directional Ultra Wideband Array Antenna.pdf            | 181  |
| 563 | 01/03/13  | Frequency Reconfigurable Antennas.pdf                   | 312  |
| 564 | 08/10/12  | Frequency-Steerable Phased Array Antennas.pdf           | 282  |
| 565 | 01/03/13  | Healing System for Failed Antenna Array.pdf             | 207  |
| 566 | 01/03/13  | Miniaturized Tunable Meanderline Loaded Antenna.pdf     | 273  |
| 567 | 12/11/15  | NFC Antenna Study.pdf                                   | 278  |
| 568 | 01/03/13  | One-Dimensional Phased Array Antenna.pdf                | 227  |
| 569 | 28/11/10  | Optimization of array geometry.pdf                      | 610  |
| 570 | 04/07/12  | Reconfigurable Fractal Tree Antenna.pdf                 | 231  |
| 571 | 01/03/13  | Single Snapshot Based Adaptive Processing.pdf           | 77   |
| 572 | 16/06/07  | Smart Antennas Technology.pdf                           | 214  |
| 573 | 16/08/06  | Steerable Reflect-array Antenna.pdf                     | 140  |
| 574 | 16/08/06  | Steerable Reflect-array Antennas.pdf                    | 240  |
| 575 | 01/03/13  | Subarrayed Linear Antenna Arrays Design.pdf             | 656  |
| 576 | 12/04/13  | SVB Alliant - Antenna for Mobile Devices.pdf            | 1168 |
| 577 | 05/07/12  | Two-Element Reconfigurable Antenna System.pdf           | 217  |
| 578 | 01/03/13  | Varactor-loaded Half-width Leaky-wave Antenna.pdf       | 201  |
| 579 | 17/11/14  | Wi-Fi Phased Array Antennas.pdf                         | 319  |
| 580 | <b>Antennes et capteurs EM\Antennes CEM et hybrides</b> |   |      |
| 581 | 31/12/14  | 0.7-20-GHz Dual-Polarized Tapered Slot Antenna.pdf      | 454  |
| 582 | 28/10/07  | 1-18-GHz Double-Ridged Antenna.pdf                      | 631  |
| 583 | 05/09/05  | 2005 Antenna & probe.pdf                                | 38   |
| 584 | 19/08/09  | A Flexible EMI Measurement Sheet.pdf                    | 332  |
| 585 | 18/01/13  | Antenna for Total RF Field Measurement.pdf              | 1011 |
| 586 | 18/01/13  | Antenna Models for EMC Analyses.pdf                     | 8013 |
| 587 | 18/01/13  | Antennas for Electrical Properties of Soil.pdf          | 509  |
| 588 | 07/03/04  | Antennas used above 1 GHz.pdf                           | 242  |
| 589 | 01/10/04  | Antenne fente bande large.pdf                           | 687  |
| 590 | 21/12/03  | Antennes ... ouvertures.ppt                             | 478  |
| 591 | 27/04/04  | Antennes fente.pdf                                      | 451  |
| 592 | 28/07/07  | BBC139-E-Field Generator.pdf                            | 306  |
| 593 | 24/01/04  | BBHA 9120E.pdf  | 18   |

|     |          |  |      |
|-----|----------|--|------|
| 594 | 25/02/04 | Biconical antenna factor.pdf                           | 196  |
| 595 | 12/01/11 | Biconical Antennas and Signal Processing.pdf           | 207  |
| 596 | 12/11/04 | Bilog Antenna Factor.pdf                               | 180  |
| 597 | 13/01/14 | Broadband Reflector-Backed Dipole Antennas.pdf         | 280  |
| 598 | 12/11/11 | CCEM RF-K3.f Horn Antenna Gain.pdf                     | 332  |
| 599 | 01/03/09 | Circular Log-Periodic Dipole Antenna.pdf               | 314  |
| 600 | 20/08/09 | Circular Wire Scatterers EMF Measurement.pdf           | 187  |
| 601 | 15/06/05 | Coaxial TEM Cells ASTM Method.pdf                      | 311  |
| 602 | 23/12/15 | Compact Dipole Antenna for 1.0-4.2 GHz EMC.pdf         | 879  |
| 603 | 17/10/12 | Comparison of Biconical and Bi-Log Antennas.pdf        | 818  |
| 604 | 17/10/12 | Comparison of Hybrid Antenna 2012.pdf                  | 413  |
| 605 | 16/11/13 | Comparison of Hybrid Antenna 2013.pdf                  | 419  |
| 606 | 24/09/13 | Cross Polarization of Tapered Slot Antenna for EMC.pdf | 905  |
| 607 | 17/10/11 | Define when EMC Antennas shall be Calibrated.pdf       | 286  |
| 608 | 05/12/02 | Direct_antennas.pdf                                    | 108  |
| 609 | 07/09/05 | Disc-Cone Antenna.pdf                                  | 527  |
| 610 | 20/08/09 | Double-Ridged Guide Horn Antenna.pdf                   | 213  |
| 611 | 19/08/09 | Dual Ridge Horn Improvements.pdf                       | 380  |
| 612 | 04/07/12 | Efficiency of Interference Suppression in mm-band.pdf  | 184  |
| 613 | 20/12/03 | Electro-Metrics 6000.pdf                               | 162  |
| 614 | 21/12/03 | ETS double-ridge 3106.pdf                              | 304  |
| 615 | 20/12/03 | FSA- EMC Antennas.pdf                                  | 206  |
| 616 | 18/02/02 | GHz antennas.pdf                                       | 90   |
| 617 | 01/10/04 | Guide a fente longitudinale.pdf                        | 184  |
| 618 | 07/10/12 | Huygens Box as a Field Source.pdf                      | 202  |
| 619 | 16/11/13 | Hybrid Antenna NSA Data.pdf                            | 493  |
| 620 | 17/10/12 | Hybrid Antenna Substitution.pdf                        | 405  |
| 621 | 16/11/13 | Hybrid Antennas - comparative measurements.pdf         | 1144 |
| 622 | 17/10/12 | Hybrid Antennas Comparisons.pdf                        | 2201 |
| 623 | 16/11/13 | Hybrid Biconical - Log Periodic Antenne.pdf            | 1429 |
| 624 | 16/11/13 | Hybrid, Biconical & Log-Periodic Comparison.pdf        | 738  |
| 625 | 17/10/12 | Hybrid, Biconical and Log-Periodic Comparison.pdf      | 604  |
| 626 | 20/11/14 | Importance of Bore Sighting in EMC Measurements.pdf    | 6004 |
| 627 | 17/10/12 | Introduction to Hybrid Antennas.pdf                    | 1409 |
| 628 | 22/05/15 | Log-periodic antennas.pdf                              | 518  |

|     |   |  |      |
|-----|---|--|------|
| 629 | 14/10/12  | Low-Frequency Antenna with Two Gaps.pdf                  | 443  |
| 630 | 14/11/04  | LPDA-Broadband Dipole Antennas.pdf                       | 90   |
| 631 | 14/10/13  | Matching of radiating non-uniform transmission-lines.pdf | 368  |
| 632 | 05/12/02  | Microwave Antennas.pdf                                   | 66   |
| 633 | 18/01/13  | Monitoring of Airborne Radio Systems.pdf                 | 1550 |
| 634 | 16/11/13  | NSA using Hybrid Antennas.pdf                            | 418  |
| 635 | 16/05/14  | Proper Antenna Factors for the NSA.pdf                   | 889  |
| 636 | 10/03/09  | Pyramidal Horn with Improved Accuracy.pdf                | 88   |
| 637 | 26/08/08  | Pyramidal-Horn Antenna & Phase Center.pdf                | 115  |
| 638 | 18/12/04  | Quadruple-Gap Loop Antenna.pdf                           | 245  |
| 639 | 24/06/03  | Radiated Spurious Emission.pdf                           | 92   |
| 640 | 30/07/11  | Radiation Patterns of EMC Antennas.pdf                   | 970  |
| 641 | 06/03/04  | Spherical Dipole Antenna.pdf                             | 192  |
| 642 | 20/12/03  | TDK-HRN-0118.pdf   | 122  |
| 643 | 20/12/03  | TDK-VLA-2001.pdf   | 84   |
| 644 | 22/03/04  | Tunable loop antenna.pdf                                 | 442  |
| 645 | 24/07/09  | Undersized Biconical Antenna.pdf                         | 303  |
| 646 | 21/12/04  | Van Veen & Bergervoet Antenna.pdf                        | 301  |
| 647 | 28/11/13  | Wide-band Hybrid Antenna for Use in RC.pdf               | 816  |
| 648 | <b>Antennes et capteurs EM\Antennes compactes &amp; IoT</b> |  |      |
| 649 | 18/08/12  | 3-D transponder antennas for SHF RFID.pdf                | 657  |
| 650 | 03/09/07  | A Triple-Band Internal Antenna.pdf                       | 543  |
| 651 | 12/11/08  | Antennas for Low Power Applications.pdf                  | 90   |
| 652 | 28/07/07  | BBC103-Short antenna theory.pdf                          | 153  |
| 653 | 28/07/07  | BBC140-Pseudo-TEM-Cell.pdf                               | 343  |
| 654 | 24/07/08  | BBC164 Antennas for DRM.pdf                              | 78   |
| 655 | 04/07/12  | Capacitive Feeding for Slotted microstrip patch.pdf      | 123  |
| 656 | 04/07/12  | Circularly Polarized Microstrip Patch Array.pdf          | 126  |
| 657 | 27/08/08  | Compact excitation structures.pdf                        | 421  |
| 658 | 04/07/12  | Coplanar Waveguide Fed Ground Meandered Antenna.pdf      | 399  |
| 659 | 19/04/12  | Effective Antenna for Mobile Headsets.pdf                | 700  |
| 660 | 05/07/12  | Efficiency of Electrically Small Magnetic Antennas.pdf   | 296  |
| 661 | 15/11/08  | GSM Phone Multiple Antennas.pdf                          | 1360 |
| 662 | 03/06/07  | GSM WCDMA Performance.pdf                                | 386  |
| 663 | 17/04/07  | Hamstick Dipole.pdf                                      | 44   |

|     |   |  |      |
|-----|---|--|------|
| 664 | 15/11/08  | Handheld DVB-H Terminals Antennas.pdf                                | 3170 |
| 665 | 04/07/12  | High and Low Dielectric Constant Material Combinations in S-band.pdf | 251  |
| 666 | 04/07/12  | H-Shaped Microstrip Antenna with Capacitive Feeding.pdf              | 108  |
| 667 | 30/11/11  | Integration of Planar Antennas at Board Level.pdf                    | 506  |
| 668 | 11/10/13  | Large Front-to-Back-Ratio Small Antenna.pdf                          | 1109 |
| 669 | 04/07/12  | Linearly Polarised Microstrip Antenna.pdf                            | 157  |
| 670 | 01/03/13  | Low-Profile Omnidirectional Planar Antenna.pdf                       | 509  |
| 671 | 04/07/12  | Low-Profile Wearable UHF Antenna.pdf                                 | 432  |
| 672 | 12/04/13  | Meta-material antennas.pdf   | 133  |
| 673 | 16/04/15  | Miniature antennas close to the Human Body.pdf                       | 359  |
| 674 | 16/06/07  | Mobile Broadband Antennas.pdf  | 134  |
| 675 | 18/08/12  | Network model of on-chip antennas.pdf                                | 354  |
| 676 | 27/08/08  | Planar log periodic antenna.pdf                                      | 197  |
| 677 | 14/04/15  | Planar Low-Profile Meander Antenna.pdf                               | 175  |
| 678 | 14/10/13  | Printed antennas - from theory to praxis.pdf                         | 714  |
| 679 | 12/04/13  | Rayspan Compact Metamaterial Antenna.pdf                             | 250  |
| 680 | 27/11/13  | Shortened Dipole Antenna Factors.pdf                                 | 272  |
| 681 | 04/07/12  | Single-Arm Spiral Antenna Without a Balun.pdf                        | 88   |
| 682 | 05/07/12  | Small Antennas in Water Conduits.pdf                                 | 389  |
| 683 | 17/06/06  | Small Antennas Properties.pdf  | 2159 |
| 684 | 31/12/06  | Small Loop Antennas.pdf  | 145  |
| 685 | 04/07/12  | Spatial Correlation of Antennas for Mobile Phones.pdf                | 273  |
| 686 | 26/03/14  | SPICE Model of Rectangular Microstrip Antennas.pdf                   | 638  |
| 687 | 16/08/06  | Surface-mount UWB Antenna.pdf  | 188  |
| 688 | 04/07/12  | Triple-Band Monopole Antenna on Ceramic Substrate.pdf                | 307  |
| 689 | 04/03/13  | UHF Broadband circularly polarized antennas.pdf                      | 139  |
| 690 | 14/05/12  | Wideband Antenna for Handheld Terminals.pdf                          | 745  |
| 691 | 15/11/08  | Wideband Aperture-fed patch antenna.pdf                              | 2984 |
| 692 | <b>Antennes et capteurs EM\Antennes en domaine temporel</b> |  |      |
| 693 | 13/12/07  | Antenna Factors & Time-Domain.pdf                                    | 295  |
| 694 | 31/05/09  | Antenna time-domain multipole analysis.pdf                           | 191  |
| 695 | 23/01/13  | Antennes UWB miniatures en impulsion.pdf                             | 5636 |
| 696 | 24/08/09  | Basic Time-Domain Analysis of Antennas.pdf                           | 920  |
| 697 | 28/02/11  | Basic Time-Domain Analysis of EMC Antennas.pdf                       | 1758 |
| 698 | 20/08/09  | EMF measurement with real-time visualization.pdf                     | 330  |

|     |  |   |      |
|-----|--|---|------|
| 699 | 01/10/12   | Loaded Antennas Above a Lossy Half-Space.pdf              | 430  |
| 700 | 13/01/14   | Pulse Radiation from Antenna With a Reflector.pdf         | 183  |
| 701 | 12/11/11   | Time-Domain Analysis and EMC Antennas.pdf                 | 2992 |
| 702 | 28/02/11   | Time-Domain Analysis and Use of Antennas.pdf              | 2449 |
| 703 | 24/08/09   | Time-Domain Analysis of Antennas for EMC.pdf              | 1303 |
| 704 | 01/09/08   | Time-Domain Analysis of EMC Antennas.pdf                  | 1333 |
| 705 | 05/07/12   | Time-domain Near-field Measurement.pdf                    | 228  |
| 706 | 18/02/02   | Transient H fields.pdf                                    | 298  |
| 707 | 01/03/13   | Ultra-Wideband TEM Horn Antennas for GPR.pdf              | 220  |
| 708 | <b>Antennes et capteurs EM\Antennes magnétiques</b>            |   |      |
| 709 | 28/07/07   | BBC091-HF Ferrite Rod Antennas.pdf                        | 278  |
| 710 | 12/06/04   | Calcul de barreau.pdf                                     | 405  |
| 711 | 27/11/15   | Génération de champ H.pdf                                 | 335  |
| 712 | 13/04/15   | New Type of Active Rod Antenna.pdf                        | 161  |
| 713 | 26/11/13   | Rod and Biconical Antenna for RE Testing Below 30 MHz.pdf | 598  |
| 714 | 16/04/03   | Rod antenna.PDF   | 160  |
| 715 | <b>Antennes et capteurs EM\Antennes patch</b>                  |   |      |
| 716 | 08/02/16   | Microstrip patch antenna for weather radar.pdf            | 1609 |
| 717 | 06/10/14   | Nanocrescent Antenna.pdf                                  | 888  |
| 718 | <b>Antennes et capteurs EM\Antennes réseau &amp; fractales</b> |   |      |
| 719 | 08/10/12   | 3-Axis Array for Spectrum Surveys.pdf                     | 215  |
| 720 | 07/12/03   | Antenna effects.pdf                                       | 163  |
| 721 | 27/06/12   | Antenna in a High Gain Configuration.pdf                  | 307  |
| 722 | 24/01/13   | Antennes reconfigurables multifonctionnelles.pdf          | 6438 |
| 723 | 01/06/09   | Array antennas design.pdf                                 | 292  |
| 724 | 14/11/04   | Array Pattern Compensation.pdf                            | 185  |
| 725 | 04/07/12   | Arrays in Double Directional Finite Scattering Model.pdf  | 301  |
| 726 | 04/07/12   | Circular Array for Microwave Bessel Beam Generation.pdf   | 495  |
| 727 | 04/07/12   | Comparison of a Finite and an Infinite Antenna Array.pdf  | 124  |
| 728 | 31/12/06   | Cosecant-squared Antennas.pdf                             | 160  |
| 729 | 01/03/13   | Degrees of freedom in multi-antennas systems.pdf          | 235  |
| 730 | 04/07/12   | Design and Comparison of LTCC Fractal Antennas.pdf        | 293  |
| 731 | 04/07/12   | Dual frequency Antenna using Varactor Diodes.pdf          | 403  |
| 732 | 15/11/08   | Dual Grid Surface Design.pdf                              | 1950 |
| 733 | 03/09/07   | Electromagnetic Band Gap Structures.pdf                   | 134  |

|     |  |   |      |
|-----|--|---|------|
| 734 | 04/03/13   | Expanded Very Large Array.pdf                         | 66   |
| 735 | 04/07/12   | FMCW Avalanche Radar.pdf                              | 306  |
| 736 | 07/11/08   | Fractal Antennas.pdf                                  | 836  |
| 737 | 04/07/12   | HF MIMO measurements.pdf                              | 372  |
| 738 | 27/08/08   | High-Performance HF Antenna Arrays.pdf                | 133  |
| 739 | 14/10/12   | Large Phased Arrays Using Parallel FDTD.pdf           | 353  |
| 740 | 28/11/10   | MAARSY - MST radar on Andrya.pdf                      | 2193 |
| 741 | 21/03/04   | METOP Solar Array.pdf                                 | 179  |
| 742 | 05/07/12   | MIMO Multimode Pixeled Antenna.pdf                    | 646  |
| 743 | 05/07/12   | MIMO Single-Section Directional Coupler.pdf           | 486  |
| 744 | 04/07/12   | Modular Planar Antenna at X-band.pdf                  | 437  |
| 745 | 04/07/12   | Multicarrier MIMO HF Communications.pdf               | 328  |
| 746 | 05/07/12   | Multi-layer Mushroom Structure.pdf                    | 413  |
| 747 | 04/07/12   | Parabolic Torus Reflector Antenna.pdf                 | 184  |
| 748 | 21/11/15   | Performance of Communication Antenna Arrays.pdf       | 729  |
| 749 | 05/07/12   | Practical Phased Array Feed Systems.pdf               | 99   |
| 750 | 13/10/11   | Radiating Near Field of BTS Antennas.pdf              | 138  |
| 751 | 04/03/13   | Redundancy Calibration to Phased Arrays.pdf           | 274  |
| 752 | 27/08/08   | Sievenpiper HIS & antenna correlation.pdf             | 262  |
| 753 | 19/08/12   | Suppression of grating lobes for MMW.pdf              | 299  |
| 754 | 16/06/07   | Tri-band GPS Antenna.pdf                              | 99   |
| 755 | <b>Antennes et capteurs EM\Baluns</b>                      |   |      |
| 756 | 03/11/13   | Balanced Filter in Communication System.pdf           | 390  |
| 757 | 28/10/07   | Balancing of Symmetric Antennas-2.pdf                 | 168  |
| 758 | 17/10/14   | Balun Modelling of a Biconical Antenna.pdf            | 359  |
| 759 | 23/10/08   | Shielded Three-Port Balun.pdf                         | 82   |
| 760 | 24/11/07   | Symmetric Antennas Balancing.pdf                      | 210  |
| 761 | <b>Antennes et capteurs EM\Capteurs et sondes de champ</b> |   |      |
| 762 | 08/09/05   | An optical feeding antenna.pdf                        | 242  |
| 763 | 01/09/08   | Antenna and Probe Basics.pdf                          | 688  |
| 764 | 19/04/12   | Antenna measurements using multi-probe systems.pdf    | 224  |
| 765 | 13/01/14   | Application of High-Dynamic Range 3-D Field Probe.pdf | 537  |
| 766 | 27/11/13   | Automatic Probe Position Recording System.pdf         | 807  |
| 767 | 12/11/11   | Calibration Factors For E Field Probes.pdf            | 761  |
| 768 | 03/09/07   | Calibration of Current Clamps.pdf                     | 577  |

|     |          |   |      |
|-----|----------|---|------|
| 769 | 20/08/09 | Calibration of E-Field Probe using waveguide.pdf    | 187  |
| 770 | 18/03/06 | Calibration of Electric Field Sensors.pdf           | 178  |
| 771 | 31/12/06 | Calibration of Electric Probes.pdf                  | 307  |
| 772 | 26/03/10 | Capteurs magnétiques intégrés.pdf                   | 3090 |
| 773 | 15/11/12 | Capteurs U ou I LEM.pdf                             | 1152 |
| 774 | 09/02/11 | Characteristics of Optical Electric Field Probe.pdf | 319  |
| 775 | 23/10/07 | Characterization of Current Probes.pdf              | 278  |
| 776 | 25/02/04 | Comb generator.pdf                                  | 366  |
| 777 | 05/10/12 | Combined MEG-EEG sensor array.pdf                   | 351  |
| 778 | 31/08/07 | Current Probe Calibration in RC.pdf                 | 195  |
| 779 | 06/09/05 | Current Probe Characterization.pdf                  | 182  |
| 780 | 19/12/04 | Current Probes Calibration.pdf                      | 228  |
| 781 | 09/10/12 | Design of Micro Magnetic Radiators.pdf              | 1066 |
| 782 | 21/06/13 | Developments in Sensors and Simulators.pdf          | 414  |
| 783 | 23/01/13 | Diode Response of EM Field Probes.pdf               | 540  |
| 784 | 10/09/05 | Diode-loaded short dipole.pdf                       | 115  |
| 785 | 29/03/10 | Double Radiooptical Resonance Sensor.pdf            | 294  |
| 786 | 07/10/12 | Dual Loop Magnetic Near-Field Probe.pdf             | 245  |
| 787 | 22/06/03 | E & H sensor.pdf                                    | 485  |
| 788 | 26/08/08 | E and H Fields with Microstrip Lines.pdf            | 154  |
| 789 | 30/12/06 | E Field Probe Error for Pulsed Signals.pdf          | 253  |
| 790 | 29/09/13 | Effect of Cooling on Probe Sensitivity.pdf          | 461  |
| 791 | 19/12/04 | Electric Field Probe System.pdf                     | 215  |
| 792 | 04/10/11 | Electric Field Sensors Distortion.pdf               | 237  |
| 793 | 14/08/14 | Electrically Small Circular Loop Antenna.pdf        | 127  |
| 794 | 13/01/14 | Electrooptic Inspection of RF Vector Leakage.pdf    | 463  |
| 795 | 17/10/11 | Electro-Optical Sensor for SE Measurements.pdf      | 1247 |
| 796 | 12/01/08 | EMC Field Probe Basics.pdf                          | 404  |
| 797 | 17/02/02 | EMC sensor.pdf                                      | 137  |
| 798 | 02/09/07 | Energy modelling in sensor networks.pdf             | 133  |
| 799 | 14/11/04 | Fiber-Optic Magneto-Optic Probe.pdf                 | 344  |
| 800 | 05/10/12 | Field calibrations of radiation monitors.pdf        | 359  |
| 801 | 10/03/11 | Frequency-Domain Probe Characterization.pdf         | 276  |
| 802 | 07/02/11 | GMI Probe Design for Transient Currents.pdf         | 221  |
| 803 | 26/11/07 | HF Calibration of Current Transducers.pdf           | 114  |

|     |          |  |      |
|-----|----------|--|------|
| 804 | 10/12/07 | HF Currents & Near-Field Scan.pdf  | 356  |
| 805 | 20/08/09 | H-Field Active Probes for Flat Freq Response.pdf                               | 233  |
| 806 | 08/08/02 | High sensitivity H probe.pdf   | 210  |
| 807 | 13/01/14 | High-Dynamic Range 3-D Field Probe.pdf   | 568  |
| 808 | 23/12/07 | High-Resolution Thin-Film Probe.pdf  | 287  |
| 809 | 07/10/12 | Inductive Probe for CM Currents.pdf  | 336  |
| 810 | 28/10/07 | Influence of the Measurement Probe.pdf   | 307  |
| 811 | 15/12/06 | Integrated Active Magnetic Probe.pdf   | 265  |
| 812 | 16/12/06 | Integrated Electro-optic Sensor.pdf  | 152  |
| 813 | 10/03/09 | Integrated Optical E-Field Sensors.pdf   | 149  |
| 814 | 12/10/11 | Lab-Made Low-Cost Current Probe.pdf  | 304  |
| 815 | 18/09/08 | Magnetic Loop Probe to Microstrip Line.pdf                                     | 386  |
| 816 | 01/09/08 | Magnetic probe method.pdf  | 525  |
| 817 | 14/09/03 | Magnetic probes.pdf  | 538  |
| 818 | 13/01/14 | Magnetic-Field Resonant Probe.pdf  | 415  |
| 819 | 19/12/04 | MATLAB Near Field Monopole.pdf   | 229  |
| 820 | 20/05/08 | Measurement of Unbalance of Networks.pdf                                       | 239  |
| 821 | 05/10/12 | MEG using magnetic-dipole sources.pdf  | 289  |
| 822 | 24/08/09 | MO-AM-5 Antennas & Field Probes.pdf  | 617  |
| 823 | 31/08/07 | Modeling of Injection Probes for BCI.pdf                                       | 331  |
| 824 | 02/09/07 | Multidimension by 3-D PMD sensors.pdf  | 534  |
| 825 | 15/11/08 | Near Field to Currents Transformation.pdf                                      | 2256 |
| 826 | 24/12/08 | Near-Field Probe for In Situ EMI.pdf   | 186  |
| 827 | 11/10/11 | Near-Field Shielded-Loop Coil Probes.pdf                                       | 353  |
| 828 | 09/02/11 | New Insights on Loop Radiation Efficiency.pdf                                  | 156  |
| 829 | 02/07/09 | Noise Effects on A-Axial Field Probes.pdf                                      | 236  |
| 830 | 12/01/11 | On-Chip Micro Shielded-Loop Probe.pdf  | 510  |
| 831 | 24/02/11 | Optical Electric Field Probe.pdf   | 3894 |
| 832 | 13/01/14 | Optical Electromagnetic Field Probe Based Upon Mach-Zehnder Interferometer.pdf | 84   |
| 833 | 23/12/07 | Optical Intensive E Field Measurement.pdf                                      | 241  |
| 834 | 13/11/04 | Optical Magnetic Field Sensing.pdf   | 182  |
| 835 | 19/08/09 | Optical Scanning Probe System.pdf  | 519  |
| 836 | 11/12/07 | Optically Scanning Probe System.pdf  | 912  |
| 837 | 28/10/08 | Orthogonal Loops Probe Design.pdf  | 130  |
| 838 | 03/09/07 | Oversized Clamp Calibration Fixtures.pdf                                       | 251  |



|     |   |   |      |
|-----|---|---|------|
| 839 | 31/08/07  | Parallel Modulated Probe Array.pdf                      | 219  |
| 840 | 29/03/02  | Pince capacitive.PDF                                    | 145  |
| 841 | 25/12/07  | Point Source Radiator with H & E Probes.pdf             | 1877 |
| 842 | 01/09/08  | Practical Field Probes - Advanced.pdf                   | 313  |
| 843 | 28/02/11  | Practical Topics on Field Probes - Advanced.pdf         | 708  |
| 844 | 25/08/09  | Practical Topics on Field Probes.pdf                    | 590  |
| 845 | 15/10/13  | Probe corrected near-field far-field transformation.pdf | 583  |
| 846 | 02/09/08  | Probes for Diagnosing EMC Problems.pdf                  | 304  |
| 847 | 25/08/09  | Pulsed Field Response of Field Sensors.pdf              | 499  |
| 848 | 07/02/11  | Quantum-Based SI Electric-Field Probe.pdf               | 301  |
| 849 | 05/09/12  | ScanEM-HC probe.pdf                                     | 108  |
| 850 | 08/10/08  | Sensitive field sensor using resonance.pdf              | 497  |
| 851 | 12/09/02  | Sensor instrumentation.pdf                              | 44   |
| 852 | 30/11/11  | Small Loop Antenna Coupling to Nearby Loops.pdf         | 382  |
| 853 | 11/10/11  | Stand-alone Electric-field Probe.pdf                    | 187  |
| 854 | 20/12/04  | Thin-film Magnetic Field Probe.pdf                      | 1228 |
| 855 | 12/07/12  | Time-Domain Distortion of Wideband EM-Field Sensors.pdf | 352  |
| 856 | 26/09/11  | Tracing E-field Probe Responses.pdf                     | 889  |
| 857 | 08/09/05  | Tri-axial H Field Measurement.pdf                       | 257  |
| 858 | 30/07/11  | Troubleshooting with Handheld Probes.pdf                | 275  |
| 859 | 01/11/07  | Unbalance Probe Measurement.pdf                         | 239  |
| 860 | 28/02/11  | Understanding Field Probes.pdf                          | 570  |
| 861 | 28/05/14  | Useful Current Probes.pdf                               | 207  |
| 862 | 20/12/04  | Validation of Near- Field Probes.pdf                    | 231  |
| 863 | <b>Antennes et capteurs EM\Cellules TEM et GTEM</b> |   |      |
| 864 | 15/02/02  | 3D TEM cells.pdf  | 394  |
| 865 | 15/02/11  | 3-Dipole IC RE in TEM Cell.pdf                          | 515  |
| 866 | 26/02/09  | Calibration of a Novel E-Field Probe.pdf                | 478  |
| 867 | 18/12/04  | Calibration of E Field Probes.pdf                       | 281  |
| 868 | 11/05/15  | Correlating TEM Cell and Near-Field Measurement.pdf     | 381  |
| 869 | 21/08/09  | Cutoff Frequencies in Symmetrical TEM Cells.pdf         | 115  |
| 870 | 22/02/09  | Double-Polarization Transmission-Line.pdf               | 347  |
| 871 | 16/12/06  | E & H Field from IC with TEM Cell.pdf                   | 267  |
| 872 | 15/02/02  | E field in GTEM cell.pdf                                | 230  |
| 873 | 20/08/09  | E Field of Foam Block in GTEM Cell.pdf                  | 233  |

|     |          |   |     |
|-----|----------|---|-----|
| 874 | 08/10/08 | Effect of EUT Position in GTEM.pdf                    | 273 |
| 875 | 26/03/14 | EM Cell With 3-D Polarization Control.pdf             | 577 |
| 876 | 23/12/15 | EMF Coupling Between TEM Cell and Microstrip Line.pdf | 425 |
| 877 | 19/12/04 | Field Distribution of a Tri-plate.pdf                 | 146 |
| 878 | 20/11/14 | Field Distribution's Uncertainty for TEM.pdf          | 139 |
| 879 | 15/02/02 | Field in GTEM cell.pdf                                | 236 |
| 880 | 08/01/08 | Field Uniformity Study of a TEM Cell.pdf              | 155 |
| 881 | 11/12/07 | Four-Septum TEM cell.pdf                              | 186 |
| 882 | 15/02/02 | GHz TEM cells.pdf                                     | 186 |
| 883 | 04/12/04 | GTEM & Semi Anechoic Chamber.pdf                      | 340 |
| 884 | 10/04/07 | GTEM Cell analysis.pdf                                | 147 |
| 885 | 25/02/04 | GTEM cell time domain.pdf                             | 261 |
| 886 | 01/01/07 | GTEM Cell Using the MoM.pdf                           | 157 |
| 887 | 16/12/07 | GTEM Cell Wide-Band Termination.pdf                   | 904 |
| 888 | 31/12/06 | GTEM Cells for Transient Testing.pdf                  | 374 |
| 889 | 01/03/09 | GTEM to OATS Correlation Techniques.pdf               | 198 |
| 890 | 13/01/14 | Guided-Wave EMP Simulator's Field Uniformity.pdf      | 687 |
| 891 | 20/08/09 | Higher Order Modes in a GTEM Cell.pdf                 | 178 |
| 892 | 28/10/07 | IC Emissions with aTEM Cell.pdf                       | 205 |
| 893 | 26/03/14 | Implementation of a TEM Stripline for EMC.pdf         | 201 |
| 894 | 01/10/12 | Influence Between the EUT and TEM Cells.pdf           | 909 |
| 895 | 25/05/08 | Interplay Equipment in TEM Cell.pdf                   | 315 |
| 896 | 01/03/09 | Loaded TEM Cell Versus Free Space.pdf                 | 72  |
| 897 | 31/08/07 | Magnitude and Phase in a GTEM Cell.pdf                | 412 |
| 898 | 15/08/14 | Measurement of Field-to-Shorted-Trace Coupling.pdf    | 342 |
| 899 | 16/12/06 | Microwave fields in equipment cavity.pdf              | 249 |
| 900 | 08/01/08 | Mode Suppressed TEM Cell Design.pdf                   | 193 |
| 901 | 30/11/03 | Modified TEM Cell.pdf                                 | 217 |
| 902 | 21/11/12 | Number of Samples Required in RC.pdf                  | 737 |
| 903 | 26/05/08 | PCBs & Cables Radiation in TEM Cell.pdf               | 458 |
| 904 | 21/11/12 | Probability Distributions inside a Cavity.pdf         | 485 |
| 905 | 01/03/09 | Processors RE with a 1-GHz TEM Cell.pdf               | 261 |
| 906 | 12/10/09 | Pulse Propagation in GTEM Cells.pdf                   | 468 |
| 907 | 27/08/08 | Pulse propagation in large GTEM cells.pdf             | 303 |
| 908 | 06/07/08 | Resonance Control in a TEM Cell.pdf                   | 797 |

|     |   |  |      |
|-----|---|--|------|
| 909 | 26/05/08                                    | Resonance in Asymmetric TEM Cell.pdf                   | 245  |
| 910 | 24/11/07                                    | Straight Coupled Line Cell.pdf                         | 272  |
| 911 | 31/12/06                                    | Stripline frequency range limit.pdf                    | 162  |
| 912 | 21/03/04                                    | TEM and GTEM Cells for IC.pdf                          | 334  |
| 913 | 31/08/07                                    | TEM Cell & Free Space Comparison.pdf                   | 388  |
| 914 | 01/01/07                                    | TEM Cell & Near Field Scan Data.pdf                    | 192  |
| 915 | 21/11/12                                    | TEM Cell E & H Field Coupling to PCB Lines.pdf         | 560  |
| 916 | 30/11/03                                    | TEM cell methods.pdf                                   | 202  |
| 917 | 24/06/03                                    | TEM cell modes.pdf                                     | 240  |
| 918 | 23/10/07                                    | TEM Cells for Total Radiated Power.pdf                 | 261  |
| 919 | 06/09/05                                    | TEM Cells for Whole Aircraft.pdf                       | 174  |
| 920 | 26/05/08                                    | TEM Cells Suppression High Order Mode.pdf              | 856  |
| 921 | 08/02/16                                    | TEM waveguide for transient signals.pdf                | 277  |
| 922 | 23/06/03                                    | TEM Waveguide.pdf                                      | 310  |
| 923 | 18/12/04                                    | TEM-horn antennas.pdf                                  | 212  |
| 924 | 29/10/08                                    | Test Parameters on TEM Cell for ICs.pdf                | 309  |
| 925 | 05/06/07                                    | Three-Dimensional TEM Cell.pdf                         | 298  |
| 926 | 20/11/14                                    | Time-varying Wave Impedance in a TEM Cell.pdf          | 669  |
| 927 | 19/08/09                                    | Transient UWB Antenna in GTEM Cells.pdf                | 393  |
| 928 | 12/01/14                                    | Transmission-Line Super Theory to Multiwire TEM.pdf    | 259  |
| 929 | 19/02/02                                    | Tri-plate line.pdf                                     | 344  |
| 930 | 01/01/07                                    | Two-Dimensional GTEM Cell.pdf                          | 635  |
| 931 | 16/10/12                                    | Using GTEM Cells for Immunity Tests.pdf                | 419  |
| 932 | 08/10/08                                    | UWB & Wireless LAN Systems in GTEM.pdf                 | 265  |
| 933 | 26/09/10                                    | UWB & Wireless LAN Using GTEM Cell.pdf                 | 693  |
| 934 | 08/01/08                                    | UWB and wireless LAN in GTEM cell.pdf                  | 147  |
| 935 | 09/09/05                                    | Variability of Dual TEM Cell Shielding.pdf             | 183  |
| 936 | <b>Antennes et capteurs EM\Champ proche</b> |  |      |
| 937 | 05/07/12                                    | 3-D Antenna Radiation-Pattern Estimation.pdf           | 281  |
| 938 | 31/08/07                                    | Antenna in Rectangular Enclosures.pdf                  | 134  |
| 939 | 18/03/06                                    | Bodyworn UHF Antenna.pdf                               | 217  |
| 940 | 17/07/13                                    | Boucles magnétiques.pdf                                | 2529 |
| 941 | 01/03/13                                    | Built-In-Self-Test (BIST) for Wireless Non-Contact.pdf | 532  |
| 942 | 19/06/05                                    | Champ proche.pdf                                       | 164  |
| 943 | 09/09/05                                    | Current from Near-Field Measurement.pdf                | 402  |

|     |          |  |      |
|-----|----------|--|------|
| 944 | 15/11/08 | Defects in F Selective Radomes.pdf                                 | 493  |
| 945 | 19/02/02 | Dipole antenna factor.pdf  | 88   |
| 946 | 14/11/04 | Double Probe Near Field Scanner.pdf                                | 201  |
| 947 | 26/11/13 | E Field in Vicinity of Half-Wavelength Dipole.pdf                  | 352  |
| 948 | 27/08/11 | Effect of the User's Hands in UHF-Band.pdf                         | 566  |
| 949 | 06/10/14 | EMI Source Localization above 5 GHz.pdf                            | 1138 |
| 950 | 01/09/08 | Error Analysis of Near-Field Method.pdf                            | 929  |
| 951 | 10/02/16 | Fast near-field far-field transformation for irregular antenna.pdf | 410  |
| 952 | 04/07/12 | Feed Line and the Shroud Effects on a Reflector Antenna.pdf        | 373  |
| 953 | 25/11/07 | Fields Near a Monopole Antenna.pdf                                 | 187  |
| 954 | 31/12/14 | H Field Using Spherical Harmonic Sources.pdf                       | 387  |
| 955 | 05/07/12 | Hands Effects on MRC Diversity Gain.pdf                            | 103  |
| 956 | 26/02/16 | High Sensitivity H-Field Probe Using Varactor Diodes.pdf           | 511  |
| 957 | 21/11/10 | Matching layers for automotive radome.pdf                          | 362  |
| 958 | 20/12/04 | Near Field LF Loop Transmitters.pdf                                | 135  |
| 959 | 04/07/12 | Near Field of a Spatial Structure.pdf                              | 118  |
| 960 | 02/09/07 | Near-field antenna Gating techniques.pdf                           | 183  |
| 961 | 01/09/08 | Near-field circularly polarized probes.pdf                         | 768  |
| 962 | 18/02/02 | Near-field facility.pdf  | 234  |
| 963 | 05/07/12 | Near-Field Focused Circular-Phase Array Antenna.pdf                | 232  |
| 964 | 06/12/08 | Near-Field Imaging Problems.pdf                                    | 2040 |
| 965 | 04/07/12 | Near-Field of Wireless Communications Antennas.pdf                 | 231  |
| 966 | 10/11/14 | Near-field Scanning Size on Accuracy of Far-Field Estimation.pdf   | 916  |
| 967 | 14/08/14 | Near-Field Technique Based on PZMI, GA, and ANN.pdf                | 578  |
| 968 | 17/02/02 | Near-field technique.pdf   | 21   |
| 969 | 18/02/02 | Near-field to far-field.pdf  | 67   |
| 970 | 06/12/08 | Objects in the Vicinity of Antennas.pdf                            | 4674 |
| 971 | 21/11/10 | Phaseless spherical near-field measurements.pdf                    | 538  |
| 972 | 23/10/07 | Planar Dipole Antenna Near ICs.pdf                                 | 318  |
| 973 | 05/07/12 | Planar Near Field Antenna Measurement.pdf                          | 455  |
| 974 | 01/09/08 | Planar Near-Field Method.pdf                                       | 415  |
| 975 | 16/12/07 | Pyramidal Horn Near-Zone Gain.pdf                                  | 316  |
| 976 | 01/09/08 | Random Errors in Planar Near-Field.pdf                             | 315  |
| 977 | 28/06/14 | RE Based on Spherical Magnetic Field Scanning.pdf                  | 853  |
| 978 | 14/09/03 | Reconstitution NF-FF.pdf   | 619  |

|      |  |   |      |
|------|--|---|------|
| 979  | 13/01/14   | RFI to an Antenna Due to Near-Field Coupling.pdf            | 493  |
| 980  | 02/03/09   | V-Dipole Antennas with Resistive Loading.pdf                | 123  |
| 981  | <b>Antennes et capteurs EM\Composants, guides et accessoires</b>       |   |      |
| 982  | 19/08/12   | 2-dimensional Right-Left-Handed waveguide.pdf               | 599  |
| 983  | 26/02/04   | Absorber ground plane.pdf                                   | 178  |
| 984  | 16/08/12   | Antennes - Eléments connexes.pdf                            | 392  |
| 985  | 21/03/04   | Contrepoids fini pour monopole.pdf                          | 86   |
| 986  | 04/07/12   | Corrugated Dual Band Waveguide and EM Signal Generators.pdf | 302  |
| 987  | 16/12/06   | Radome E-Field Uniformity Study.pdf                         | 298  |
| 988  | 16/11/05   | Réflecteur parabolique & impulsion.pdf                      | 233  |
| 989  | 19/08/12   | Scattering parameter measurements in waveguides.pdf         | 512  |
| 990  | <b>Antennes et capteurs EM\Couplage &amp; isolation entre antennes</b> |   |      |
| 991  | 12/08/10   | Anti-Jam GPS Antenna.pdf                                    | 379  |
| 992  | 14/11/06   | Couplages entre antennes.pdf                                | 179  |
| 993  | 08/01/08   | Coupling between Antennas with NEC.pdf                      | 193  |
| 994  | 29/08/11   | Generalized Isolation Between Antennas.pdf                  | 205  |
| 995  | 24/09/13   | Interaction between Antenna and Return Currents.pdf         | 720  |
| 996  | 05/07/12   | Multiple-antenna Decoupling Technique.pdf                   | 244  |
| 997  | 15/11/08   | Mutual Coupling on MIMO Systems.pdf                         | 830  |
| 998  | <b>Antennes et capteurs EM\Etalonnage et mesures</b>                   |   |      |
| 999  | 17/06/07   | 3 Antenna Method.pdf  | 80   |
| 1000 | 20/08/09   | 3-Antenna Height-Scanning-Average Method.pdf                | 192  |
| 1001 | 20/08/09   | 3-Antenna Method for Short Monopole at LF.pdf               | 142  |
| 1002 | 08/07/07   | Antenna Calibration & E-Field Strength.pdf                  | 658  |
| 1003 | 10/01/11   | Antenna calibration @ 1 m - URSI.pdf                        | 236  |
| 1004 | 01/03/11   | Antenna Characteristics Above 1 GHz.pdf                     | 2570 |
| 1005 | 13/12/06   | Antenna Efficiency Measurement in RC.pdf                    | 692  |
| 1006 | 08/09/05   | Antenna Factor in Reverb Chamber.pdf                        | 307  |
| 1007 | 24/08/09   | Antenna for site validation of GHz Band.pdf                 | 112  |
| 1008 | 30/07/11   | Antenna polarization measurements.pdf                       | 242  |
| 1009 | 05/04/07   | Antenna Test Bed.pdf  | 503  |
| 1010 | 28/02/11   | Antenna-Probe Standards and Applications.pdf                | 195  |
| 1011 | 09/01/05   | Antennas conformity.pdf                                     | 319  |
| 1012 | 05/12/04   | Antennas Uncertainty above 1GHz.pdf                         | 179  |
| 1013 | 15/12/09   | ARC Antenna Calibration Procedures.pdf                      | 18   |

|      |          |   |      |
|------|----------|---|------|
| 1014 | 10/06/03 | BBC001-Field calibration.pdf                                      | 211  |
| 1015 | 08/09/05 | Bilog Calibration in Standard Site.pdf                            | 102  |
| 1016 | 01/09/08 | Bolometric Microwave Calibration.pdf                              | 524  |
| 1017 | 20/11/12 | Cable and Antenna Measurements in the Field.pdf                   | 2054 |
| 1018 | 18/02/02 | Calibration antenna.pdf   | 345  |
| 1019 | 31/12/14 | Calibration of Biconical Antennas by Vertically Stacking.pdf      | 473  |
| 1020 | 14/11/07 | Characteristics of NIST Standard Dipoles.pdf                      | 173  |
| 1021 | 10/04/15 | CISPR 16-1-6 Traceability of Antenna Measurement.pdf              | 292  |
| 1022 | 12/11/04 | Complex Fit NSA for Antennas.pdf                                  | 217  |
| 1023 | 31/03/11 | Dipole Antenna Factor With Measured Balun.pdf                     | 411  |
| 1024 | 21/03/04 | Dipole étalon.pdf   | 131  |
| 1025 | 17/10/12 | Dual Ridge Horn Antenna Uncertainty.pdf                           | 3404 |
| 1026 | 15/12/06 | EMI Antenna Calibration Using RC.pdf                              | 371  |
| 1027 | 04/07/12 | Fast Fraunhofer Method for Antenna Characterization.pdf           | 163  |
| 1028 | 16/12/06 | Ground Plane for Antenna Calibrations.pdf                         | 300  |
| 1029 | 22/03/06 | H traceable calibration.pdf                                       | 162  |
| 1030 | 14/11/04 | H-Field Loops Calibration.pdf                                     | 142  |
| 1031 | 16/12/06 | H-Plane & Transmit Antenna SVSWR.pdf                              | 504  |
| 1032 | 19/06/15 | Measurement Method of Transfer Impedance of Current Probe.pdf     | 60   |
| 1033 | 04/07/12 | Measurement of Balanced Antennas using Mixed-mode Parameters.pdf  | 83   |
| 1034 | 01/09/08 | Modified Three-Antenna Technique.pdf                              | 225  |
| 1035 | 19/08/09 | New VCCI Program - IEEE 61967.pdf                                 | 652  |
| 1036 | 23/08/06 | NPL Facility for Antenna Calibration.webarchive                   | 55   |
| 1037 | 17/10/14 | Omnidirectional Antenna Horizontal Pattern Ripple Measurement.pdf | 233  |
| 1038 | 15/10/13 | Omnidirectional pattern at VHF frequencies for ILS.pdf            | 295  |
| 1039 | 25/02/04 | Polarization uncertainty.pdf                                      | 39   |
| 1040 | 30/12/06 | Poynting Vector Measurement.pdf                                   | 343  |
| 1041 | 09/04/15 | Probe calibration in semi-anechoic chamber.pdf                    | 250  |
| 1042 | 04/07/12 | Rapid Millimeter-wave Antenna Measurements.pdf                    | 39   |
| 1043 | 22/05/15 | Reducing Limitations of Active Rod Antennas.pdf                   | 241  |
| 1044 | 18/06/06 | Spherical antenna measurements.pdf                                | 505  |
| 1045 | 13/10/14 | Substitution Method for Antenna Calibration.pdf                   | 402  |
| 1046 | 07/10/12 | Substitution Method for Monopole Antenna Calibration.pdf          | 161  |
| 1047 | 16/04/15 | Substitution Method from 1 GHz to 18 GHz.pdf                      | 360  |
| 1048 | 24/08/09 | Traceable Antenna Calibration.pdf                                 | 550  |

|      |   |  |      |
|------|---|--|------|
| 1049 | 10/12/07  | Tracing Antenna Factors of Dipoles.pdf                               | 415  |
| 1050 | 20/02/02  | Ultra-repeatable source.pdf  | 63   |
| 1051 | 07/10/12  | Uncertainty Analysis for 3 Antenna Method.pdf                        | 268  |
| 1052 | <b>Antennes et capteurs EM\Guides d'onde et cornets</b>                 |  |      |
| 1053 | 09/10/12  | Effective Aperture Calculation for Waveguides.pdf                    | 609  |
| 1054 | 23/11/13  | Measurements for Open Waveguide Structures.pdf                       | 436  |
| 1055 | 03/02/15  | Meta-Material Lens in L- and S-Band.pdf                              | 657  |
| 1056 | 09/02/16  | Modal analysis of EM waveguides featuring improved LF resolution.pdf | 260  |
| 1057 | 29/09/14  | Remcom Waveguide Ports Simulation.pdf                                | 461  |
| 1058 | 01/03/13  | Two Layers Substrate Waveguide Power Divider.pdf                     | 280  |
| 1059 | <b>Antennes et capteurs EM\Normes et recommandations</b>                |  |      |
| 1060 | 28/08/08  | Antenna-Probe Standards.pdf  | 347  |
| 1061 | 08/09/05  | Novel Standard Loop Antenna.pdf                                      | 117  |
| 1062 | 07/10/14  | UIT R-REC-BT.419-3-1990 TV Antennas.pdf                              | 26   |
| 1063 | 25/08/09  | Update on Antenna-Probe Standards 2.pdf                              | 494  |
| 1064 | 12/01/08  | Update on Antenna-Probe Standards.pdf                                | 156  |
| 1065 | <b>Antennes et capteurs EM\Pinces ampèremétriques et d'injection</b>    |  |      |
| 1066 | 28/05/14  | HF Current Probe.pdf   | 996  |
| 1067 | 29/09/13  | Linearity of Injection BCI Probes.pdf                                | 226  |
| 1068 | 15/08/14  | Measurement Method of Zt of Current Probe.pdf                        | 468  |
| 1069 | 16/07/14  | Transfer Impedance and Insertion Loss of Current Probes.pdf          | 538  |
| 1070 | <b>Antennes et capteurs EM\Polarisation Directivité &amp; Diversité</b> |  |      |
| 1071 | 05/07/12  | Angle and Polarization Diversity.pdf                                 | 202  |
| 1072 | 07/10/14  | Antenna Concepts for VHF-UHF (Digital TV).pdf                        | 1191 |
| 1073 | 01/12/08  | Antenna diversity for UHF.pdf  | 254  |
| 1074 | 23/06/03  | Antenna Optimization.pdf   | 243  |
| 1075 | 26/11/03  | Ascom diversity.pdf  | 84   |
| 1076 | 20/11/14  | Bore Sighting Antenna.pdf  | 296  |
| 1077 | 01/09/08  | Circularly polarized antennas.pdf                                    | 286  |
| 1078 | 20/02/02  | Directivity properties.pdf   | 422  |
| 1079 | 09/06/07  | Diversity Patch Antenna.pdf  | 83   |
| 1080 | 05/07/12  | Diversity Performance of Compact Arrays.pdf                          | 130  |
| 1081 | 19/08/12  | Fast beampattern evaluation by polynomial rooting.pdf                | 225  |
| 1082 | 01/03/13  | GSM-UMTS Dual Polarization BS Antenna.pdf                            | 347  |
| 1083 | 05/06/07  | Handheld Terminals Diversity.pdf                                     | 363  |

|      |   |   |      |
|------|---|---|------|
| 1084 | 09/06/07  | Indoor Diversity Antenna.pdf                            | 99   |
| 1085 | 25/09/02  | MICRF001 Antenna Design Tutorial.pdf                    | 65   |
| 1086 | 26/11/03  | Mobile DVB-T antenna diversity.pdf                      | 250  |
| 1087 | 05/07/12  | Multi-Antenna Terminals in LTE System.pdf               | 90   |
| 1088 | 15/11/08  | Multiband Diversity Antennas.pdf                        | 1032 |
| 1089 | 03/03/14  | Polarization Diversity Antenna for Mobile Terminals.pdf | 209  |
| 1090 | 03/06/07  | Smart Antenna Diversity.pdf                             | 3779 |
| 1091 | 09/06/07  | Spatial and Polarization Diversity.pdf                  | 117  |
| 1092 | 23/06/03  | TDMA Co-channel modeling.pdf                            | 171  |
| 1093 | 15/12/03  | These Olivier Berder.pdf                                | 928  |
| 1094 | 25/02/04  | Unintentional emitters.pdf                              | 81   |
| 1095 | 20/11/14  | Why ?Boire Sight? Antennas?.pdf                         | 230  |
| 1096 | <b>Antennes et capteurs EM\Simulation et modélisation</b> |   |      |
| 1097 | 08/10/12  | AEFIE Method for Broadband CEM Modeling.pdf             | 241  |
| 1098 | 02/09/08  | Antenna Effective Length & MoM.pdf                      | 311  |
| 1099 | 02/09/07  | Antenna in resonating environment.pdf                   | 108  |
| 1100 | 28/02/11  | Antenna Models.pdf                                      | 903  |
| 1101 | 24/11/07  | Broadband Calculable Dipole.pdf                         | 307  |
| 1102 | 08/02/16  | Comparison of EM solvers for antennas on vehicles.pdf   | 528  |
| 1103 | 14/04/15  | CST Antenna Simulation_2015.pdf                         | 3733 |
| 1104 | 14/04/15  | CST Dual Patch Antenna & Feed Network.pdf               | 1031 |
| 1105 | 03/11/14  | E Field at the Surface of a Cylindrical Monopole.pdf    | 216  |
| 1106 | 07/08/15  | Embedded Dual-Band GSM Antenna Design.pdf               | 680  |
| 1107 | 11/01/10  | FDTD Radiation from Simple Antennas.pdf                 | 552  |
| 1108 | 08/02/16  | FEM for analysis of large antenna arrays.pdf            | 467  |
| 1109 | 11/12/15  | Installed Performance of Antenna Arrays.pdf             | 729  |
| 1110 | 30/12/06  | Model on C-M Potential Distribution.pdf                 | 147  |
| 1111 | 03/01/11  | Multipole Expansion of a Linear Radiator.pdf            | 189  |
| 1112 | 10/01/11  | Near-field coupling model.pdf                           | 588  |
| 1113 | 05/10/12  | Parametrical antenna modelling.pdf                      | 384  |
| 1114 | <b>Antennes et capteurs EM\Théorie et principes</b>       |   |      |
| 1115 | 20/04/03  | Antenna basics.pdf                                      | 268  |
| 1116 | 01/03/09  | Antenna Factor of a V-Dipole Antenna.pdf                | 167  |
| 1117 | 25/02/04  | Antenna fundamentals 1.pdf                              | 311  |
| 1118 | 01/12/08  | Antenna Fundamentals 2.pdf                              | 132  |



|      |          |   |       |
|------|----------|---|-------|
| 1119 | 05/12/02 | Antenna gain.pdf                                  | 108   |
| 1120 | 03/06/07 | Antenna Properties.pdf                            | 160   |
| 1121 | 30/05/03 | Antenna radiation Z.pdf                           | 38    |
| 1122 | 28/08/08 | Antenna Regions 2.pdf                             | 131   |
| 1123 | 25/02/04 | Antenna regions.pdf                               | 149   |
| 1124 | 07/12/03 | Antenna System Desig 800MHz.pdf                   | 694   |
| 1125 | 04/03/15 | Antenna Theory Analysis and design.pdf            | 13536 |
| 1126 | 12/11/11 | Antennas and Pattern Parameters.pdf               | 4681  |
| 1127 | 12/11/08 | Antennas basics.pdf                               | 328   |
| 1128 | 12/11/08 | Antennas Theory.pdf                               | 707   |
| 1129 | 20/12/03 | Antennas.ppt                                      | 104   |
| 1130 | 16/08/12 | Antennes - Bases et principes.pdf                 | 753   |
| 1131 | 16/08/12 | Antennes - Différents types.pdf                   | 175   |
| 1132 | 16/08/12 | Antennes - Techniques.pdf                         | 467   |
| 1133 | 23/08/04 | Antennes.pdf                                      | 1168  |
| 1134 | 02/12/07 | Basics of Dual-Polarized Antennas.pdf             | 97    |
| 1135 | 28/07/07 | BBC132-Dipole Antennas.pdf                        | 1001  |
| 1136 | 05/12/04 | Beamwidth above 1 GHz.pdf                         | 135   |
| 1137 | 15/11/08 | Broadband wire antennas.pdf                       | 1612  |
| 1138 | 03/09/07 | Coax-Fed Body of Revolution.pdf                   | 180   |
| 1139 | 11/12/07 | Common-mode Antenna Model.pdf                     | 218   |
| 1140 | 24/11/07 | Conical Spiral Antennas.pdf                       | 695   |
| 1141 | 07/10/14 | Cours ondes et antennes.pdf                       | 1190  |
| 1142 | 14/11/04 | Current Element & Hertzian Dipole.pdf             | 108   |
| 1143 | 26/09/10 | Current Wave Distortion.pdf                       | 164   |
| 1144 | 31/12/06 | Curved Dipole Isotropic Antenna.pdf               | 221   |
| 1145 | 29/11/11 | Dipoles for Dummies.pdf                           | 89    |
| 1146 | 04/07/12 | EM Analysis of Radiometer Calibration Targets.pdf | 186   |
| 1147 | 04/07/12 | End-Face of a Waveguide System.pdf                | 119   |
| 1148 | 03/09/07 | Extrapolating of Low-Frequency Loops.pdf          | 195   |
| 1149 | 05/12/02 | Gain of Directional Antennas.pdf                  | 119   |
| 1150 | 25/11/07 | General Properties of Antennas.pdf                | 162   |
| 1151 | 18/11/05 | H Field Antennas.pdf                              | 564   |
| 1152 | 01/12/08 | Horn antennas.pdf                                 | 221   |
| 1153 | 25/12/07 | H-Plane Pattern Influence.pdf                     | 221   |

|      |          |  |      |
|------|----------|--|------|
| 1154 | 12/01/08 | Introduction to Antennas 1.pdf                     | 864  |
| 1155 | 28/02/11 | Introduction to Antennas 2.pdf                     | 1770 |
| 1156 | 24/08/09 | Introduction to Antennas above 1GHz 2.pdf          | 1828 |
| 1157 | 14/01/08 | Introduction to Antennas Above 1GHz.pdf            | 1041 |
| 1158 | 04/07/12 | Investigations into HEM120 Mode.pdf                | 321  |
| 1159 | 21/11/10 | Leaky wave antenna.pdf                             | 380  |
| 1160 | 11/01/10 | Loop Antennas.pdf                                  | 515  |
| 1161 | 01/03/09 | Loop-Shield-Loop Shielding.pdf                     | 64   |
| 1162 | 17/10/11 | Lower Bound of Antenna Efficiency.pdf              | 696  |
| 1163 | 12/01/10 | Mach-Zehnder Interferometer.pdf                    | 83   |
| 1164 | 01/09/07 | Maxwellian Circuits to Spiral Antennas.pdf         | 204  |
| 1165 | 06/12/08 | Mean Effective Gain of Antennas.pdf                | 618  |
| 1166 | 31/12/06 | Microstrip-Coplanar Circuits & Antennas.pdf        | 507  |
| 1167 | 02/03/09 | Monopole Nonplanarity Correction Factors.pdf       | 129  |
| 1168 | 02/01/11 | Narrow Slot Aperture Having Depth.pdf              | 347  |
| 1169 | 04/07/12 | New antenna reflector design.pdf                   | 304  |
| 1170 | 11/01/10 | On the air (Antenna Theory).pdf                    | 306  |
| 1171 | 29/10/08 | Optical Feeding Antenna above 1 GHz.pdf            | 350  |
| 1172 | 09/01/08 | Patch Antenna Modeling Issues.pdf                  | 311  |
| 1173 | 20/02/02 | Radiating structures.pdf                           | 391  |
| 1174 | 19/03/06 | Rayleigh & Fraunhofer.pdf                          | 850  |
| 1175 | 13/10/09 | Receiving Leaky Line Antenna (LLA).pdf             | 446  |
| 1176 | 04/07/12 | Rectangular Spiral Microstrip Patch Antenna.pdf    | 116  |
| 1177 | 15/11/08 | Reduction of Antenna Cross-Section.pdf             | 749  |
| 1178 | 18/12/04 | Review of Dipole Models.pdf                        | 94   |
| 1179 | 26/02/09 | Short Dipoles With a Nonlinear Load.pdf            | 138  |
| 1180 | 26/11/07 | Spherical Dipole Radiator.pdf                      | 276  |
| 1181 | 21/11/10 | Terrestrial & geostationary satellites antenna.pdf | 267  |
| 1182 | 24/01/13 | Théorie des antennes cadres magnétiques.pdf        | 519  |
| 1183 | 17/04/07 | This Old Dipole.pdf                                | 379  |
| 1184 | 01/12/05 | Traitement d'antenne.pdf                           | 380  |
| 1185 | 01/03/09 | Transient Radiation of Traveling-Wave Wires.pdf    | 97   |
| 1186 | 05/03/09 | Traveling Waves by Wire Antennas.pdf               | 27   |
| 1187 | 08/07/07 | Tuned Dipole Antenna Factor.pdf                    | 180  |
| 1188 | 25/12/07 | Ultra-Wideband PCB Antenna.pdf                     | 149  |

|      |   |   |      |
|------|---|---|------|
| 1189 | 04/07/12  | Wideband Dual-polarized Microstrip Antennas.pdf   | 348  |
| 1190 | 30/05/03  | Wire antenna radiation Z.pdf                      | 38   |
| 1191 | <b>Antennes et capteurs EM\Tores de Rogowski</b>                          |   |      |
| 1192 | 27/09/03  | Current Sensing Technologies.pdf                  | 280  |
| 1193 | 21/06/11  | CWT de PEM application_notes.pdf                  | 278  |
| 1194 | 21/06/11  | cwt1110.pdf                                       | 171  |
| 1195 | 09/04/08  | HF Measurement of Voltages.pdf                    | 217  |
| 1196 | 14/10/11  | Positional Sensitivity of a Rogowski Coil.pdf     | 393  |
| 1197 | 12/06/04  | PRiME Current Transducers.pdf                     | 239  |
| 1198 | 16/07/13  | Rogowski Coils Inside Protective Relays.pdf       | 484  |
| 1199 | 18/10/09  | Rogowski Current Transducers.pdf                  | 1734 |
| 1200 | 26/03/02  | Rogowski transducer.pdf                           | 75   |
| 1201 | 16/08/07  | Rogowski Transducers Calibration.pdf              | 301  |
| 1202 | 18/10/09  | The Rogowski coil.pdf                             | 71   |
| 1203 | 25/12/03  | Tore amagnétique.pdf                              | 185  |
| 1204 | 23/03/13  | Using Rogowski Current Sensor.pdf                 | 493  |
| 1205 | 20/10/09  | Wide Bandwidth Current Probe.pdf                  | 351  |
| 1206 | 19/10/09  | Wide Bandwidth Rogowski Transducer.pdf            | 192  |
| 1207 | <b>Antennes et capteurs EM\UWB &amp; HPM et transmission de puissance</b> |   |      |
| 1208 | 19/07/10  | Antennes ... fort courant en impulsions.pdf       | 314  |
| 1209 | 06/03/04  | Complex Antenna Factor.pdf                        | 74   |
| 1210 | 04/07/12  | Concepts, EMI and Biological Hazards Issues.pdf   | 195  |
| 1211 | 31/03/11  | Effect of UWB Antenna Noise.pdf                   | 460  |
| 1212 | 06/12/08  | Gain of UWB-antennas.pdf                          | 551  |
| 1213 | 25/08/09  | Half Power Beamwidth and HPM.pdf                  | 586  |
| 1214 | 05/03/09  | High-Power Offset Cassegrain Antennas.pdf         | 196  |
| 1215 | 16/12/07  | Horn Antenna for Pulse Radiation.pdf              | 964  |
| 1216 | 27/11/13  | Immunity Test with 128-element Array Antenna.pdf  | 392  |
| 1217 | 04/07/12  | IR-UWB Coherent Receivers.pdf                     | 119  |
| 1218 | 04/07/12  | Large Arrays for Microwave Power Transmission.pdf | 295  |
| 1219 | 01/03/13  | Low-Cost UWB Gaussian Monocycle and Doublet.pdf   | 141  |
| 1220 | 13/07/10  | Mesures et simul antenne HIRA - Montena.pdf       | 1678 |
| 1221 | 04/07/12  | Printed Monopole Antenna for UWB Applications.pdf | 967  |
| 1222 | 12/01/10  | Pulse from an Antenna With a Re?ector.pdf         | 197  |
| 1223 | 21/03/04  | Susceptibilité d'une RECTENNA.pdf                 | 247  |

|      |          |  |     |
|------|----------|--|-----|
| 1224 | 14/10/13 | UWB antenna array for wireless precision 2-D positioning.pdf | 788 |
| 1225 | 04/07/12 | UWB Implant Antenna for Biotelemetry Systems.pdf             | 287 |
| 1226 | 04/07/12 | Wireless Power Transmission.pdf                              | 297 |

1227

## Anticomproission-Tempest

1229

### Anticomproission-Tempest\Algorithmes de détection

|      |          |  |     |
|------|----------|--|-----|
| 1231 | 31/12/14 | Algorithms for Detecting Synchronous Digital Devices.pdf | 303 |
|------|----------|--|-----|

### Anticomproission-Tempest\Alimentation et son bruit

|      |          |  |     |
|------|----------|--|-----|
| 1233 | 05/10/12 | 32-bit Processors against Power Analysis.pdf | 155 |
|------|----------|--|-----|

|      |          |  |     |
|------|----------|--|-----|
| 1234 | 31/12/14 | Bursts of IC Switching Currents on a Power Network.pdf | 733 |
|------|----------|--|-----|

|      |          |                                      |     |
|------|----------|--------------------------------------|-----|
| 1235 | 16/08/06 | Extraction of Chip Power Current.pdf | 841 |
|------|----------|--------------------------------------|-----|

|      |          |  |     |
|------|----------|--|-----|
| 1236 | 19/11/13 | Impulsive VDD Current Minimization.pdf | 630 |
|------|----------|--|-----|

|      |          |   |     |
|------|----------|---|-----|
| 1237 | 06/09/11 | On-Board Decoupling of Cryptographic FPGA.pdf | 459 |
|------|----------|---|-----|

|      |          |  |      |
|------|----------|--|------|
| 1238 | 05/10/12 | Power and Electromagnetic Analysis.pdf | 1402 |
|------|----------|--|------|

### Anticomproission-Tempest\Chevaux de Troie et logiciels

|      |          |  |     |
|------|----------|--|-----|
| 1240 | 08/01/08 | EMI Under Different Program Behavior.pdf | 453 |
|------|----------|--|-----|

|      |          |                              |    |
|------|----------|------------------------------|----|
| 1241 | 26/04/09 | Password file under Unix.pdf | 87 |
|------|----------|------------------------------|----|

|      |          |                                |     |
|------|----------|--------------------------------|-----|
| 1242 | 27/06/08 | Security for Voice Over IP.pdf | 478 |
|------|----------|--------------------------------|-----|

|      |          |                                |     |
|------|----------|--------------------------------|-----|
| 1243 | 09/06/08 | Soft Tempest - Hidden Data.pdf | 373 |
|------|----------|--------------------------------|-----|

|      |          |   |     |
|------|----------|---|-----|
| 1244 | 23/01/15 | Stopping Hardware Trojans in Their Tracks - IEEE Spectrum.pdf | 149 |
|------|----------|---|-----|

### Anticomproission-Tempest\Conception et qualification tempest

|      |          |                                    |    |
|------|----------|------------------------------------|----|
| 1246 | 06/07/08 | Cryptography & export controls.pdf | 63 |
|------|----------|------------------------------------|----|

|      |          |  |     |
|------|----------|--|-----|
| 1247 | 05/10/12 | Cryptoprocessors in Embedded Systems.pdf | 993 |
|------|----------|--|-----|

|      |          |                            |     |
|------|----------|----------------------------|-----|
| 1248 | 02/07/08 | Secure Hardware Design.pdf | 236 |
|------|----------|----------------------------|-----|

|      |          |                                       |     |
|------|----------|---------------------------------------|-----|
| 1249 | 03/12/05 | Securing Hardware against Probing.pdf | 151 |
|------|----------|---------------------------------------|-----|

|      |          |                                      |     |
|------|----------|--------------------------------------|-----|
| 1250 | 25/04/09 | Smart Card Transmission Security.pdf | 510 |
|------|----------|--------------------------------------|-----|

|      |          |                                    |      |
|------|----------|------------------------------------|------|
| 1251 | 12/11/08 | UCAM-CL-TR-665 Crypto Hardware.pdf | 1711 |
|------|----------|------------------------------------|------|

### Anticomproission-Tempest\Contre-mesures en anticomproission

|      |          |  |     |
|------|----------|--|-----|
| 1253 | 27/06/08 | Agent-Based Intrusion Detection system.pdf | 286 |
|------|----------|--|-----|

|      |          |                                     |     |
|------|----------|-------------------------------------|-----|
| 1254 | 05/10/12 | Counteract Side-Channel Attacks.pdf | 226 |
|------|----------|-------------------------------------|-----|

|      |          |  |      |
|------|----------|--|------|
| 1255 | 22/02/11 | Countermeasure for EM Screen Image.pdf | 1707 |
|------|----------|--|------|

|      |          |  |     |
|------|----------|--|-----|
| 1256 | 05/10/12 | Differential Side Channel Analysis Attacks.pdf | 624 |
|------|----------|--|-----|

|      |          |                               |     |
|------|----------|-------------------------------|-----|
| 1257 | 05/10/12 | Efficient Masking Methods.pdf | 209 |
|------|----------|-------------------------------|-----|

|      |          |  |     |
|------|----------|--|-----|
| 1258 | 09/10/14 | IC Countermeasures Against Information Leakage.pdf | 197 |
|------|----------|--|-----|

|      |  |   |      |
|------|--|---|------|
| 1259 | 12/01/11   | Jamming Technique of PC Video Signals.pdf                               | 648  |
| 1260 | 10/10/11   | Noise Cancelling Algorithms for Time-domain EMI.pdf                     | 374  |
| 1261 | 23/12/15   | Noise-Jamming Effect as a Countermeasure.pdf                            | 599  |
| 1262 | 13/05/04   | Project Checklist for Tempest Rooms.pdf                                 | 14   |
| 1263 | 12/01/11   | Screen Image Color Mixing in Human Brain.pdf                            | 404  |
| 1264 | 05/10/12   | Side Channel Attacks on NTRUEncrypt.pdf                                 | 151  |
| 1265 | 06/09/11   | Suppression of information leakage by SNR.pdf                           | 560  |
| 1266 | <b>Anticomproission-Tempest\Cryptage et encodage</b>               |   |      |
| 1267 | 05/10/12   | Attack Resistant Asynchronous AES Round Function.pdf                    | 371  |
| 1268 | 14/01/08   | Digital Display Frame Symbols & EMI.pdf                                 | 1061 |
| 1269 | 30/09/07   | EM Attacks on Cryptographic ICs.pdf                                     | 60   |
| 1270 | 26/06/08   | Encrypted and Searchable Audit Log.pdf                                  | 1281 |
| 1271 | 09/06/08   | FPGA Elliptic Curve Cryptosystem.pdf                                    | 335  |
| 1272 | 09/10/14   | Hardware-Software Co-Design.pdf   | 230  |
| 1273 | 20/11/14   | Physical Layer Phase Encryption for against Traffic Analysis Attack.pdf | 101  |
| 1274 | 05/10/12   | Precoder Distribution and Adaptive Codebook.pdf                         | 599  |
| 1275 | 20/08/15   | XOR Encryption Versus Phase Encryption.pdf                              | 227  |
| 1276 | <b>Anticomproission-Tempest\Distances, zonage et installations</b> |   |      |
| 1277 | 03/01/05   | EMC for systems & installations.pdf                                     | 328  |
| 1278 | 05/10/12   | Information through EM radiation.pdf                                    | 789  |
| 1279 | 27/07/15   | Installation des systèmes hors secret défense.pdf                       | 233  |
| 1280 | 27/06/08   | Limits for Compromising Emanations.pdf                                  | 139  |
| 1281 | 21/06/13   | Maximum Receivable Distance for RE.pdf                                  | 302  |
| 1282 | 06/09/11   | Receivable Distance for Tempest.pdf                                     | 351  |
| 1283 | 03/02/09   | TEMPEST and Zone Systems.pdf  | 58   |
| 1284 | 11/04/06   | TEMPEST Zone Overview.pdf   | 222  |
| 1285 | <b>Anticomproission-Tempest\Ecoutes &amp; attaques tempest</b>     |   |      |
| 1286 | 06/07/08   | Attaques TEMPEST.pdf  | 2190 |
| 1287 | 03/02/09   | Data Interception & EM Emanation.pdf                                    | 391  |
| 1288 | 25/04/09   | Eavesdropping Laws.pdf  | 106  |
| 1289 | 09/06/08   | EM Analysis and Fault Attacks.pdf                                       | 897  |
| 1290 | 25/06/08   | EM attack on a FPGA.pdf   | 784  |
| 1291 | 25/03/06   | Espionnage tempest.pdf  | 27   |
| 1292 | 25/04/09   | Hack FAQ.pdf  | 241  |
| 1293 | 06/07/08   | Keyboard Acoustic Emanations 2.pdf                                      | 183  |

|      |  |   |      |
|------|--|---|------|
| 1294 | 06/07/08   | Keyboard Acoustic Emanations.pdf                        | 139  |
| 1295 | 25/04/09   | The New Crackers Guide.pdf                              | 157  |
| 1296 | <b>Anticomproission-Tempest\Emanations et fuites</b>               |   |      |
| 1297 | 24/09/13   | EM Information Leakage from Electronic Devices.pdf      | 235  |
| 1298 | 27/02/04   | H field vs instruction code.pdf                         | 708  |
| 1299 | 25/09/13   | Information Leakage from Cryptographic Modules.pdf      | 3988 |
| 1300 | 15/08/14   | Information Leakage From Processor-Memory Systems.pdf   | 1247 |
| 1301 | <b>Anticomproission-Tempest\Limites d'émission</b>                 |   |      |
| 1302 | 12/04/06   | Emanation limits.pdf                                    | 178  |
| 1303 | 04/02/15   | Security Limits for Compromising Emanations.pdf         | 184  |
| 1304 | 19/03/06   | Tempest 2005-limits.pdf                                 | 178  |
| 1305 | <b>Anticomproission-Tempest\Menaces et leur gestion</b>            |   |      |
| 1306 | 29/03/09   | Army Information Technology.pdf                         | 396  |
| 1307 | 14/10/13   | From Expectations To Threat-Intelligence Sharing.pdf    | 77   |
| 1308 | 27/06/08   | Joint Pub 6_1995 - Doctrine for C4.pdf                  | 854  |
| 1309 | 06/07/08   | Multi-Attribute Risk Assessment.pdf                     | 90   |
| 1310 | 26/06/08   | NIST HDBK Guide for Managers 2006.pdf                   | 3041 |
| 1311 | 26/06/08   | Remote Timing Attacks are Practical.pdf                 | 129  |
| 1312 | 26/06/08   | Survey of Attacks and Defenses 2008.pdf                 | 222  |
| 1313 | 20/04/03   | TEMPEST - Debunking myth.pdf                            | 78   |
| 1314 | 04/01/05   | The Surrounding Tempest.pdf                             | 19   |
| 1315 | 25/09/13   | Transient IEMI Threats for Cryptographic Devices.pdf    | 2094 |
| 1316 | <b>Anticomproission-Tempest\Mesures, analyses et cryptanalyses</b> |   |      |
| 1317 | 06/09/11   | Automated TOE synchronisation.pdf                       | 578  |
| 1318 | 27/07/15   | Cryptanalyse - Wiki.pdf                                 | 77   |
| 1319 | 03/12/05   | Cryptanalysis of Product Ciphers.pdf                    | 221  |
| 1320 | 05/10/12   | Efficient mapping of EM radiation.pdf                   | 782  |
| 1321 | 27/07/15   | Elements de cryptoanalyse.pdf                           | 66   |
| 1322 | 21/06/13   | EM Information Leakage From Cryptographic Devices.pdf   | 2087 |
| 1323 | 21/06/13   | EM Radiation Associated With Information Leakage.pdf    | 461  |
| 1324 | 27/07/15   | FM34-40-2 Basic Cryptanalysis.pdf                       | 8518 |
| 1325 | 27/07/15   | Histoire de la cryptographie.pdf                        | 316  |
| 1326 | 09/09/05   | Identification & Unintended Emissions.pdf               | 208  |
| 1327 | 26/09/11   | Information leakage spots on a cryptographic device.pdf | 292  |
| 1328 | 05/03/13   | Key Using Array Antenna Beam Selection.pdf              | 352  |

|      |  |   |      |
|------|--|---|------|
| 1329 | 05/10/12   | Practical Results of EM Cartography.pdf             | 335  |
| 1330 | 09/06/08   | Radiation from RS-232 Cables.pdf                    | 277  |
| 1331 | 05/03/13   | Secret Key Agreement Using Array Antennas.pdf       | 366  |
| 1332 | 05/03/13   | Secret Key Agreement Using ESPAR Antennas.pdf       | 170  |
| 1333 | 11/12/06   | Unintentional Radiated Emissions.pdf                | 326  |
| 1334 | <b>Anticomproission-Tempest\Modélisation &amp; simulation en tempest</b> |   |      |
| 1335 | 21/06/13   | Equivalent Circuit Modeling of Cryptographic IC.pdf | 622  |
| 1336 | 29/10/08   | Instruction Current EMC Simulation.pdf              | 145  |
| 1337 | 12/10/09   | Microcontroller Instruction Set Simulator.pdf       | 414  |
| 1338 | 20/04/03   | Noise and Sensitivity.pdf                           | 78   |
| 1339 | <b>Anticomproission-Tempest\Moyens de mesure</b>                         |   |      |
| 1340 | 22/02/11   | On-chip micro shielded-loop probe.pdf               | 859  |
| 1341 | <b>Anticomproission-Tempest\Normes en anticomproission</b>               |   |      |
| 1342 | 22/08/06   | CTM Cryptologic Navy Handbook.pdf                   | 158  |
| 1343 | 22/08/06   | CTO Cryptologic Navy Handbook.pdf                   | 121  |
| 1344 | 20/04/03   | Gov TSCM Publications.pdf                           | 51   |
| 1345 | 11/10/13   | Information Forensics - An Overview.pdf             | 1413 |
| 1346 | 05/04/06   | NSA Security GuideLines Handbook.pdf                | 284  |
| 1347 | 21/08/06   | NSTISSI No. 4009.pdf                                | 318  |
| 1348 | 09/06/08   | Site Security Handbook.pdf                          | 252  |
| 1349 | 25/09/13   | Standardization for EM Information Leakage.pdf      | 3168 |
| 1350 | 25/07/14   | TEMPEST Standards overview.pdf                      | 94   |
| 1351 | 26/06/08   | Tempest UCAM-CL-TR-577.pdf                          | 280  |
| 1352 | 13/05/08   | UCAM-CL-TR-577 Computer displays.pdf                | 6614 |
| 1353 | <b>Anticomproission-Tempest\Optique - visualisation tempest</b>          |   |      |
| 1354 | 05/06/05   | Optical tempest.pdf                                 | 245  |
| 1355 | 26/06/08   | Optical Time-Domain Eavesdropping.pdf               | 365  |
| 1356 | 07/06/08   | Visual Cryptography 2.pdf                           | 1278 |
| 1357 | 26/06/08   | Visual Cryptography.pdf                             | 184  |
| 1358 | <b>Anticomproission-Tempest\Radio et tempest</b>                         |   |      |
| 1359 | 03/02/09   | GBS civil tempest.pdf                               | 621  |
| 1360 | 05/03/13   | Improving Bluetooth Networks Security.pdf           | 249  |
| 1361 | <b>Anticomproission-Tempest\Tempest - historique et bases</b>            |   |      |
| 1362 | 03/02/09   | An introduction to tempest - SANS.pdf               | 95   |
| 1363 | 12/01/11   | Discovering Compromising EM Emanations.pdf          | 161  |

|      |  |  |     |
|------|--|--|-----|
| 1364 | 12/01/11   | Electromagnetic Information Leakage.pdf                | 356 |
| 1365 | 12/01/11   | Information Leakage from Crypto Hardware.pdf           | 327 |
| 1366 | 11/09/05   | Information Security and Emissions.pdf                 | 152 |
| 1367 | 04/01/05   | Intro au Tempest.pdf                                   | 62  |
| 1368 | 21/06/13   | Introduction to EM Information Security.pdf            | 449 |
| 1369 | 05/10/12   | Introduction to Side-Channel Attacks.pdf               | 312 |
| 1370 | 03/04/15   | TEMPEST - A Signal Problem.pdf                         | 228 |
| 1371 | 11/04/06   | TEMPEST - Debunking the Myth.pdf                       | 175 |
| 1372 | 03/02/09   | TRANSEC-EMSEC-TEMPEST.pdf                              | 181 |
| 1373 | <b>Anticomproission-Tempest\Trames de test</b>   |  |     |
| 1374 | 16/12/06   | Gbps Display Symbols & Clocks-1.pdf                    | 225 |
| 1375 | 14/04/15   | Software-related EMI test pattern auto-generation.pdf  | 258 |
| 1376 | <b>Anticomproission-Tempest\Vidéo et tempest</b> |  |     |
| 1377 | 06/09/11   | Compromising Emanations of LCD TV Sets.pdf             | 330 |
| 1378 | 05/06/11   | Detection of Information From a PC Display.pdf         | 431 |
| 1379 | 11/05/15   | Digital Video Signal and Information Recovery Rate.pdf | 580 |
| 1380 | 11/12/07   | Information Leakage from PC Display.pdf                | 107 |
| 1381 | 12/01/11   | Touch Screen Monitors Information Leakage.pdf          | 209 |

1382

1383 **Automobile**

1384

|      |  |  |      |
|------|--|--|------|
| 1385 | <b>Automobile\Blindages en automobile</b>            |  |      |
| 1386 | 21/03/04   | Rayonnement de boîtier.pdf               | 141  |
| 1387 | <b>Automobile\Bus de communication en automobile</b> |  |      |
| 1388 | 31/12/10   | Automotive High Speed Data Connector.pdf | 1645 |
| 1389 | 11/07/02   | CAN & EMC.pdf                            | 142  |
| 1390 | 11/07/02   | CAN_emc.pdf                              | 142  |
| 1391 | 03/01/11   | EMC and CAN Bus.pdf                      | 422  |
| 1392 | 01/02/10   | Les bus dans l'automobile.pdf            | 297  |
| 1393 | 06/12/07   | Optic Link Bus Converters.pdf            | 124  |
| 1394 | 10/03/16   | Polar Switch B0 ELQFP MII EMC Report.pdf | 2824 |
| 1395 | <b>Automobile\Cahiers des charges</b>                |  |      |
| 1396 | 29/09/05   | B21 7100.pdf                             | 167  |
| 1397 | 07/03/12   | B21 7110_A_2004.pdf                      | 1508 |
| 1398 | 15/05/12   | B21 7110-D projet final.pdf              | 2618 |



|      |  |   |      |
|------|--|---|------|
| 1399 | 29/09/05                                       | B21 7130_2001.pdf                                       | 147  |
| 1400 | 22/02/01                                       | Cahier des charges RENAULT 36-00-400 C.pdf              | 837  |
| 1401 | 27/09/99                                       | Cahier des charges RENAULT 36-00-802 B.pdf              | 290  |
| 1402 | 09/02/99                                       | Cahier des charges RENAULT 36-00-808 C.pdf              | 971  |
| 1403 | 27/09/01                                       | Cahier des charges RENAULT 36-00-808 D.pdf              | 781  |
| 1404 | 30/06/04                                       | Cahier des charges RENAULT 36-00-808 F.pdf              | 816  |
| 1405 | 27/08/04                                       | Cahier des charges RENAULT 36-00-808 G.pdf              | 1050 |
| 1406 | 15/05/12                                       | Comparatif B21 7110 BÖCÖD.xls                           | 41   |
| 1407 | 04/03/12                                       | ES-XW7T-1A278-AB 05_88 Ford.pdf                         | 790  |
| 1408 | 26/02/04                                       | ES-XW7T-1A278-AB versus AC.pdf                          | 112  |
| 1409 | 18/05/05                                       | ES-XW7T-1A278-AC Corr 03-2005.pdf                       | 142  |
| 1410 | 29/08/14                                       | Ford EMC Design Guide for PCB.pdf                       | 624  |
| 1411 | 25/05/05                                       | Ford ES-XW7T-1A278-AB_88.pdf                            | 789  |
| 1412 | 04/03/12                                       | Ford ES-XW7T-1A278-AC_03.pdf                            | 826  |
| 1413 | 11/10/13                                       | Ford.png  | 30   |
| 1414 | 11/10/13                                       | GM.png  | 26   |
| 1415 | 04/03/12                                       | GMW 3097_04.pdf   | 2120 |
| 1416 | 07/10/04                                       | PSA B21 7110_A_2004.pdf                                 | 1598 |
| 1417 | 07/03/12                                       | PSA B21 7110_B_2005.pdf                                 | 2393 |
| 1418 | 07/09/11                                       | PSA B21 7110-C_2008.pdf                                 | 1606 |
| 1419 | 11/10/13                                       | PSA.png   | 27   |
| 1420 | 15/05/12                                       | QIA_B21_7110-D.xlsx                                     | 40   |
| 1421 | 07/09/11                                       | Renault 36-00-808-K_2008.pdf                            | 975  |
| 1422 | 21/04/11                                       | Renault 36-00-808-L_2010.pdf                            | 891  |
| 1423 | 11/10/13                                       | Renault.png   | 29   |
| 1424 | 28/06/12                                       | Scania TB1901.pdf                                       | 595  |
| 1425 | 11/10/13                                       | Scania.png  | 29   |
| 1426 | 20/12/06                                       | VW 80150 2000-04-01 English.pdf                         | 374  |
| 1427 | 11/10/13                                       | VW.png  | 35   |
| 1428 | <b>Automobile\Capteurs - radars</b>            |   |      |
| 1429 | 31/05/09                                       | High-integrated weak field sensor.pdf                   | 561  |
| 1430 | 08/02/16                                       | Multi-view point cloud fusion for cooperative LiDAR.pdf | 400  |
| 1431 | 08/02/16                                       | Statistical sensor fusion of ECG data.pdf               | 248  |
| 1432 | <b>Automobile\Composants et spécifications</b> |   |      |
| 1433 | 31/12/06                                       | Chip-Level EMC in Product Design.pdf                    | 357  |

|      |   |  |      |
|------|---|--|------|
| 1434 | 11/01/08                                    | Circuit Specifications for Radio-Noise.pdf                   | 160  |
| 1435 | 29/07/15                                    | Components for Guaranteed Compliance.pdf                     | 546  |
| 1436 | <b>Automobile\Conception CEM automobile</b> |  |      |
| 1437 | 13/04/15                                    | "Power Integrity Surgery" for the Design of ECU.pdf          | 634  |
| 1438 | 16/12/04                                    | Anticipating On-Board Interference.pdf                       | 222  |
| 1439 | 13/11/04                                    | Anticipating Vehicle-Level EMI.pdf                           | 509  |
| 1440 | 25/12/07                                    | Automotive Circuit Board Layout.pdf                          | 89   |
| 1441 | 02/09/08                                    | Automotive EMC.pdf   | 1588 |
| 1442 | 21/09/13                                    | Automotive Infotainment Guide.pdf                            | 528  |
| 1443 | 11/09/05                                    | Automotive Product Development.pdf                           | 255  |
| 1444 | 08/10/08                                    | EMC for the Functional Safety.pdf                            | 117  |
| 1445 | 21/03/04                                    | EMC in automotive.pdf  | 249  |
| 1446 | 16/12/04                                    | EMC Problems of Large Systems.pdf                            | 1398 |
| 1447 | 23/11/06                                    | EMC- Who's Job Is It Anyway?.pdf                             | 81   |
| 1448 | 05/12/04                                    | Expert System Architecture.pdf                               | 110  |
| 1449 | 29/07/15                                    | New Development Tools and EMC Strategies.pdf                 | 1077 |
| 1450 | 15/02/11                                    | Noise Mitigation Analysis of a PI-filter.pdf                 | 487  |
| 1451 | 29/07/15                                    | Primer on Automotive EMC for Non-EMC Engineers.pdf           | 221  |
| 1452 | 14/05/07                                    | REGINA Test mask.pdf   | 560  |
| 1453 | 23/04/13                                    | Susceptibility Threshold by Simulation at Early Design.pdf   | 1428 |
| 1454 | 21/09/13                                    | TI Automotive selection guide.pdf                            | 934  |
| 1455 | 24/09/13                                    | Troubleshooting Automotive Radiated Emission.pdf             | 601  |
| 1456 | 25/12/07                                    | Vehicle EMI Integration Issues.pdf                           | 156  |
| 1457 | <b>Automobile\DES et champs forts</b>       |  |      |
| 1458 | 14/05/07                                    | ESD Automotive Conformity.pdf                                | 476  |
| 1459 | 17/10/14                                    | ESD Immunity for ISO 10605 Standard.pdf                      | 421  |
| 1460 | 21/08/15                                    | ESD Immunity Prediction of D Flip-Flop in ISO 10605.pdf      | 1108 |
| 1461 | 17/10/14                                    | ESD Testing for Automotiyve Applications.pdf                 | 201  |
| 1462 | 10/10/14                                    | Field Coupled ESD Susceptibility of Magnetic Sensor IC's.pdf | 630  |
| 1463 | 15/12/06                                    | High Power EMI on Digital Circuits.pdf                       | 675  |
| 1464 | 31/12/14                                    | ISO 7176-21 Charged Frame ESD Immunity.pdf                   | 752  |
| 1465 | 14/04/15                                    | Trends in ESD Protection of Automotive ICs_2014.pdf          | 1843 |
| 1466 | <b>Automobile\Distribution des champs</b>   |  |      |
| 1467 | 06/09/11                                    | E Field Probability Distribution in Automotive Cabin.pdf     | 309  |
| 1468 | 12/11/04                                    | Electromagnetic Field Distribution.pdf                       | 115  |

|      |  |  |      |
|------|--|--|------|
| 1469 | 06/03/04                                       | Field Distribution in a Car.pdf                              | 115  |
| 1470 | 31/12/14                                       | Simulation of LF H Fields in Automotive EMC.pdf              | 575  |
| 1471 | <b>Automobile\Emission rayonnée automobile</b> |  |      |
| 1472 | 14/10/12                                       | AM-Band Radiated Emission Mitigation.pdf                     | 456  |
| 1473 | 31/12/06                                       | Automotive Audio Noise Assessment.pdf                        | 207  |
| 1474 | 16/04/15                                       | CISPR 12 & ISO 11451-2.pdf                                   | 3446 |
| 1475 | 02/09/08                                       | Component Level & Radiated Emissions.pdf                     | 428  |
| 1476 | 21/03/04                                       | Emission automobile.pdf                                      | 141  |
| 1477 | 23/11/06                                       | Emission in Semi-anechoic Chamber.pdf                        | 104  |
| 1478 | 15/08/14                                       | Emissions in a CISPR-25 Test-Setup.pdf                       | 641  |
| 1479 | 16/04/15                                       | Engine, Cooling Fan & Heat Exchanger Interplay.pdf           | 514  |
| 1480 | 05/12/04                                       | Full Vehicle Radiated EMI.pdf                                | 163  |
| 1481 | 17/10/14                                       | Impact of Clock Net Routing On EMC Emissions.pdf             | 1173 |
| 1482 | 16/12/06                                       | Radiated Automotive Ignition Systems.pdf                     | 5142 |
| 1483 | 12/03/15                                       | Radiated Emissions From Cables Over a Metal Plane.pdf        | 870  |
| 1484 | 31/10/07                                       | VHF-UHF Motor Vehicle Ignition Noise.pdf                     | 74   |
| 1485 | <b>Automobile\Faisceaux et harnais</b>         |  |      |
| 1486 | 23/11/06                                       | Automotive EMC Test Harnesses.pdf                            | 454  |
| 1487 | 28/11/10                                       | Cable bundles & automotive EMC tests.pdf                     | 344  |
| 1488 | 30/12/06                                       | Cable Bundles C-M Radiation.pdf                              | 309  |
| 1489 | 31/12/06                                       | CM Current on Wire Harness to ECUs.pdf                       | 295  |
| 1490 | 25/12/07                                       | Coax Cable EMI Shielding Performance.pdf                     | 386  |
| 1491 | 21/03/04                                       | Couplages sur faisceaux.pdf                                  | 213  |
| 1492 | 24/07/15                                       | EM Analysis of Cable Harnesses in Automotive Environment.pdf | 419  |
| 1493 | 01/11/07                                       | Hand-Assembled Bundle Modeling.pdf                           | 606  |
| 1494 | 13/03/08                                       | HF CM Currents on Cable Bundles.pdf                          | 371  |
| 1495 | <b>Automobile\Immunité automobile</b>          |  |      |
| 1496 | 23/11/06                                       | 61967 TEM-Cell.pdf   | 170  |
| 1497 | 07/03/04                                       | Fast Transients in Passenger Cars.pdf                        | 259  |
| 1498 | 26/12/08                                       | Impulsive Noise in Vehicle Power Line.pdf                    | 208  |
| 1499 | 06/12/07                                       | Key Concepts for Immunity Testing.pdf                        | 376  |
| 1500 | 11/07/02                                       | Load dump.pdf  | 40   |
| 1501 | 16/12/04                                       | Low Frequency EMC Problems.pdf                               | 411  |
| 1502 | 28/08/08                                       | OEM Automotive RF Immunity Testing.pdf                       | 1260 |
| 1503 | 09/12/07                                       | System Failure in an Irradiated Vehicle.pdf                  | 199  |

|      |   |  |
|------|---|--|
| 1504 | <b>Automobile\Intégrité du signal en automobile</b>     |  |
| 1505 | 26/02/16  | EM Simulation for SI of TFT Interfaces in Automotive.pdf   |
| 1506 | <b>Automobile\Labo CEM et tests automobile</b>          |  |
| 1507 | 13/10/14  | Bench Level Automotive EMC Validation.pdf                  |
| 1508 | 02/03/16  | Conducted Immunity Test System for BCI and TWC Methods.pdf |
| 1509 | 23/07/15  | EM Simulation Applied to Automotive EMC Testing.pdf        |
| 1510 | <b>Automobile\Mesures en automobile</b>                 |  |
| 1511 | 30/12/06  | Automotive Broadband Measurements.pdf                      |
| 1512 | 14/11/11  | Automotive Component EMC Testing.pdf                       |
| 1513 | 31/12/06  | Automotive DUT Support Equipment.pdf                       |
| 1514 | 28/08/08  | Automotive EMC Measurements.pdf                            |
| 1515 | 23/11/06  | Automotive EMC Test Techniques.pdf                         |
| 1516 | 11/10/06  | Automotive EMC Testing.pdf                                 |
| 1517 | 13/02/02  | Automotive prediction.pdf                                  |
| 1518 | 24/02/11  | HMI Graphics Influence on Radiated Emissions.pdf           |
| 1519 | 15/02/13  | Measuring E Field Distributions in a Vehicle.pdf           |
| 1520 | 21/10/15  | Measuring RF High Voltages and Currents.pdf                |
| 1521 | 30/12/06  | Narrow & Broadband Discrimination.pdf                      |
| 1522 | 17/10/12  | Tests for New Electronic Technologies.pdf                  |
| 1523 | 19/08/09  | Time Domain Measurements.pdf                               |
| 1524 | <b>Automobile\Modélisation et simulation automobile</b> |  |
| 1525 | 17/10/12  | Accurate Full-Vehicle Simulations.pdf                      |
| 1526 | 20/08/09  | Analysis of Electromagnetic Resonances.pdf                 |
| 1527 | 02/09/08  | Automotive EMC Expert System Software.pdf                  |
| 1528 | 23/07/14  | Automotive Radar Mounted in Vehicle Bumper.pdf             |
| 1529 | 21/03/04  | Caractérisation de charges.pdf                             |
| 1530 | 15/12/04  | Cavity Resonances in Automobile.pdf                        |
| 1531 | 24/08/09  | Combining PCB Enclosure & Cable Modeling.pdf               |
| 1532 | 07/03/04  | Continuous Simulation.pdf                                  |
| 1533 | 31/12/06  | EMC Expert Systems.pdf                                     |
| 1534 | 11/07/02  | EMC Modelling Strategy.pdf                                 |
| 1535 | 08/01/08  | EMI Modeling in Automotive Data.pdf                        |
| 1536 | 16/12/04  | FDTD Low Cost Modeling.pdf                                 |
| 1537 | 08/01/08  | FDTD Transient Electromagnetic Field.pdf                   |
| 1538 | 14/09/02  | GM Automotive EMC problems.pdf                             |

|      |   |   |      |
|------|---|---|------|
| 1539 | 23/11/13  | Hybrid Finite Element Boundary Integral Approach.pdf        | 894  |
| 1540 | 21/03/04  | Impédance auto jusque 100 MHz.pdf                           | 147  |
| 1541 | 14/11/11  | Modeling EMC in Transportation Systems.pdf                  | 4330 |
| 1542 | 03/01/11  | Modeling for DC Motor Armatures.pdf                         | 900  |
| 1543 | 26/08/09  | Modeling Real World Challenges.pdf                          | 198  |
| 1544 | 16/10/06  | Modélisation du champ en automobile.pdf                     | 322  |
| 1545 | 20/11/11  | Realistic Vehicle System EMI-EMC Model.pdf                  | 972  |
| 1546 | 11/10/13  | Simplifying Automotive EMC Simulations.pdf                  | 6193 |
| 1547 | 17/10/12  | Simplifying Automotive EMC.pdf                              | 3244 |
| 1548 | 28/02/11  | Vehicle System EMC Model from Subsystem.pdf                 | 765  |
| 1549 | 11/10/13  | Vehicle System EMI-EMC Model.pdf                            | 2721 |
| 1550 | 25/12/07  | Worst-Case and Statistical Models.pdf                       | 142  |
| 1551 | <b>Automobile\Pneus</b>                         |   |      |
| 1552 | 30/12/06  | On-Vehicle Tire Pressure Transmitter.pdf                    | 252  |
| 1553 | 25/12/07  | Tire Pressure Monitoring Systems.pdf                        | 309  |
| 1554 | <b>Automobile\Radars en automobile</b>          |   |      |
| 1555 | 31/05/09  | 79 GHz UWB automotive radar.pdf                             | 370  |
| 1556 | 05/10/12  | A 5GHz cooperative transponder system.pdf                   | 259  |
| 1557 | 21/11/10  | Automotive radar interference mechanisms.pdf                | 372  |
| 1558 | 05/10/12  | Automotive radar sensor performance.pdf                     | 1045 |
| 1559 | 31/05/09  | Detection of vulnerable road users.pdf                      | 353  |
| 1560 | 10/02/16  | Fahrzeugumfeld berwachung mittels Radar.pdf                 | 211  |
| 1561 | 19/06/15  | Interference Potential Between Radars in Road Scenarios.pdf | 306  |
| 1562 | 19/08/12  | Minimizing radar interference using beamforming.pdf         | 394  |
| 1563 | 31/08/07  | Mutual Interference of mm Radars.pdf                        | 351  |
| 1564 | 05/10/12  | Pedestrian recognition using radar sensors.pdf              | 739  |
| 1565 | 19/08/12  | Weather phenomena on laser radar systems.pdf                | 1142 |
| 1566 | <b>Automobile\Radio et Antennes automobiles</b> |   |      |
| 1567 | 21/03/04  | Antennes sur véhicule.pdf                                   | 280  |
| 1568 | 23/12/07  | EMC Effects of Cell Phones.pdf                              | 89   |
| 1569 | 13/12/06  | EMC- Wireless Convergence.pdf                               | 159  |
| 1570 | 31/03/10  | Equivalent Glass Antenna Model.pdf                          | 306  |
| 1571 | 11/09/05  | PIFA Mounted on a Car.pdf                                   | 230  |
| 1572 | 16/01/07  | Safe Telecommunications on Vehicles.pdf                     | 2662 |
| 1573 | 23/11/06  | TETRA and GSM interference.pdf                              | 34   |

|      |   |  |      |
|------|---|--|------|
| 1574 | 06/12/07  | Vehicle Active Antennas.pdf                        | 219  |
| 1575 | 21/11/14  | Vehicle Testing with Wireless Technologies.pdf     | 2156 |
| 1576 | <b>Automobile\Réglementation et normes automobile</b> |  |      |
| 1577 | 16/12/13  | Approval Regulations for Motor Vehicles.pdf        | 63   |
| 1578 | 24/11/06  | Automotive 'e' Marking.pdf                         | 150  |
| 1579 | 29/08/14  | Automotive EMC Introduction & Overview.pdf         | 1083 |
| 1580 | 16/11/05  | Automotive EMC Lab Recognition.pdf                 | 698  |
| 1581 | 13/01/08  | Automotive EMC Standards Europe & US.pdf           | 67   |
| 1582 | 27/07/15  | Automotive Requirements in China.pdf               | 84   |
| 1583 | 24/03/16  | Elite Guide to E Mark Compliance - 2016.pdf        | 593  |
| 1584 | 11/09/05  | ISO 7637 & Automotive Transients.pdf               | 312  |
| 1585 | 31/12/06  | Overview of Automotive EMC Standards.pdf           | 130  |
| 1586 | 25/02/04  | Report York 95-54.pdf                              | 1279 |
| 1587 | 23/11/06  | The latest EU directive on EMC.pdf                 | 34   |
| 1588 | <b>Automobile\Sécurité</b>                            |  |      |
| 1589 | 27/08/08  | Automotive Functional Safety & EMC.pdf             | 101  |
| 1590 | <b>Automobile\Tests BCI</b>                           |  |      |
| 1591 | 07/10/14  | Approach to Create BCI Models.pdf                  | 538  |
| 1592 | 18/12/04  | BCI Coupling & Decoupling.pdf                      | 504  |
| 1593 | 12/01/11  | Closed-Loop BCI Test with ISO 11452-4.pdf          | 309  |
| 1594 | 14/05/07  | Double Bulk Current Injection.pdf                  | 429  |
| 1595 | <b>Automobile\Véhicules électriques ou hybrides</b>   |  |      |
| 1596 | 17/12/09  | 12 Electrically Assisted Bicycles.pdf              | 171  |
| 1597 | 14/12/09  | A Renovate Solution for Public Transit.pdf         | 294  |
| 1598 | 17/12/09  | Accelerated degradation test method.pdf            | 203  |
| 1599 | 16/12/09  | Active-tilting & Anti-skid Systems.pdf             | 271  |
| 1600 | 17/12/09  | Advanced Lead-Acid Batteries.pdf                   | 288  |
| 1601 | 17/12/09  | Advanced Powertrains from 2010 to 2045.pdf         | 419  |
| 1602 | 14/12/09  | All electric cars are not the same.pdf             | 112  |
| 1603 | 14/12/09  | An Enabler for EV Adoption.pdf                     | 800  |
| 1604 | 30/12/09  | Analyses on LiFePO4 Battery.pdf                    | 107  |
| 1605 | 17/12/09  | Anode Material for Automotive Li-ion Batteries.pdf | 141  |
| 1606 | 17/12/09  | Anti-lock Braking with Regenerative Braking.pdf    | 325  |
| 1607 | 14/12/09  | Are global CO2 reductions possible.pdf             | 227  |
| 1608 | 16/12/09  | Automated Hub Motor Designs.pdf                    | 312  |

|      |          |   |      |
|------|----------|---|------|
| 1609 | 23/01/13 | Automotive Electronic Equipment Modeling.pdf  | 1138 |
| 1610 | 01/09/08 | Automotive EMC Simulation.pdf                 | 1720 |
| 1611 | 16/12/09 | Automotive Home Refueling.pdf                 | 117  |
| 1612 | 15/12/09 | Automotive Plug-In Hybrid Vehicle.pdf         | 282  |
| 1613 | 24/11/06 | Automotive Testing Times.pdf                  | 265  |
| 1614 | 16/02/07 | Automotive Traction Systems.pdf               | 154  |
| 1615 | 14/12/09 | Autothermal Reformation.pdf                   | 216  |
| 1616 | 16/12/09 | Axial Flux Motors.pdf                         | 210  |
| 1617 | 16/12/09 | Bar-Delta Filtering.pdf                       | 279  |
| 1618 | 15/12/09 | Battery ageing.pdf                            | 146  |
| 1619 | 17/12/09 | Battery End-Of-Line Test System.pdf           | 532  |
| 1620 | 14/12/09 | Battery Energy Storage System.pdf             | 705  |
| 1621 | 17/12/09 | Battery with Lithium Iron Phosphate.pdf       | 252  |
| 1622 | 16/12/09 | Bizzarrini P538 Eco Targa.pdf                 | 481  |
| 1623 | 16/12/09 | Blue Angel 3 with SAM.pdf                     | 465  |
| 1624 | 16/12/09 | Boost Phase Control Algorithm.pdf             | 176  |
| 1625 | 12/07/00 | Breakouts1.xls                                | 138  |
| 1626 | 17/12/09 | Capacity Measurements of Li-Ion Batteries.pdf | 349  |
| 1627 | 16/12/09 | Challenges in Cooling System Design.pdf       | 174  |
| 1628 | 16/12/09 | Characteristics of Lithium-ion Batteries.pdf  | 285  |
| 1629 | 17/12/09 | Collision Safety of Electric Vehicles.pdf     | 238  |
| 1630 | 02/09/08 | Component Level EMC for HEV.pdf               | 1252 |
| 1631 | 23/10/09 | Consideration of the Optimum Voltage.pdf      | 41   |
| 1632 | 16/12/09 | Contactless Power Transfer.pdf                | 481  |
| 1633 | 16/12/09 | Costs of Lithium-Ion Batteries for PHEVs.pdf  | 152  |
| 1634 | 16/12/09 | Cycles of Lithium Ion Batteries.pdf           | 253  |
| 1635 | 17/12/09 | Daimler F-CELL Vehicle.pdf                    | 1262 |
| 1636 | 17/12/09 | DC-DC converter for hybrid and all EV.pdf     | 349  |
| 1637 | 15/12/09 | Design of Powertrain Controllers.pdf          | 185  |
| 1638 | 17/12/09 | DEVELOPMENT OF HONDA FCX.pdf                  | 395  |
| 1639 | 16/12/09 | Development of LPI Hybrid EV.pdf              | 389  |
| 1640 | 15/12/09 | Development of TOYOTA FCHV.pdf                | 388  |
| 1641 | 16/12/09 | Dual Rotor PM Motor.pdf                       | 215  |
| 1642 | 10/01/07 | Dual Voltage System Simulations.pdf           | 234  |
| 1643 | 14/12/09 | Dynamic Battery Model.pdf                     | 87   |

|      |          |   |      |
|------|----------|---|------|
| 1644 | 16/12/09 | Dynamic Li-Ion Battery Models.pdf                                     | 428  |
| 1645 | 16/12/09 | EcoCAR Design and Development.pdf                                     | 447  |
| 1646 | 24/10/09 | Economical Fast Charging for EV's.pdf                                 | 59   |
| 1647 | 31/07/15 | EDP370 Electric Drive Trains.pdf                                      | 133  |
| 1648 | 10/09/09 | Electric hybrid and hydrogen buses.pdf                                | 611  |
| 1649 | 17/12/09 | Electric Drive System Faults.pdf                                      | 452  |
| 1650 | 16/12/09 | Electric Power Steering System.pdf                                    | 204  |
| 1651 | 24/10/09 | Electric Sports Car.pdf   | 1048 |
| 1652 | 17/12/09 | Electric Vehicles on Utility Networks.pdf                             | 199  |
| 1653 | 17/10/12 | Electrical Powertrains and Functional Safety.pdf                      | 409  |
| 1654 | 17/12/09 | Electrochemical and thermal modeling.pdf                              | 2107 |
| 1655 | 16/12/09 | Electrochemical Capacitors for Storage.pdf                            | 247  |
| 1656 | 15/02/16 | Electromagnetic and Material for Motor Packaging.pdf                  | 1275 |
| 1657 | 21/08/09 | EMC Engineering of the Hybrid Vehicle.pdf                             | 3042 |
| 1658 | 12/11/04 | EMC in Cars with Electric Drives.pdf                                  | 245  |
| 1659 | 23/10/09 | EMC of Electric Vehicles Simulation.pdf                               | 99   |
| 1660 | 05/10/12 | EMC study of an electrical powertrain.pdf                             | 815  |
| 1661 | 24/11/06 | EMC Test Standards for Components.pdf                                 | 716  |
| 1662 | 15/02/11 | EMI Circuit Modeling of a Power Train.pdf                             | 158  |
| 1663 | 04/03/13 | EMI from Electric-Hybrid Vehicles.pdf                                 | 302  |
| 1664 | 14/05/07 | EMI in Electric Vehicles.pdf  | 298  |
| 1665 | 01/09/07 | EMI Noise Control for Electric Vehicle.pdf                            | 347  |
| 1666 | 16/12/09 | EMI Test Method of Power Harness.pdf                                  | 293  |
| 1667 | 16/12/04 | Emissions of Cable Harness.pdf  | 299  |
| 1668 | 08/02/16 | Energy & data transmission through inductively coupled resonances.pdf | 321  |
| 1669 | 16/12/09 | Environmental Performance Evaluation.pdf                              | 656  |
| 1670 | 27/07/15 | EV and Battery Pack.pdf   | 87   |
| 1671 | 08/01/15 | EV and Challenge of Convergence.pdf                                   | 207  |
| 1672 | 16/12/09 | EV and the power sector in California.pdf                             | 322  |
| 1673 | 24/10/09 | EV Battery Recycling.pdf  | 153  |
| 1674 | 14/12/09 | EV in mountain resort.pdf   | 227  |
| 1675 | 15/12/09 | EV Step by step Design.pdf  | 360  |
| 1676 | 16/12/09 | Evaluation of battery degradation.pdf                                 | 266  |
| 1677 | 16/12/09 | Fast Charging vs. Slow Charging.pdf                                   | 1356 |
| 1678 | 10/09/09 | FiSyPAC project-GENEPAC fuel cell stack.pdf                           | 538  |



|      |          |   |      |
|------|----------|---|------|
| 1679 | 15/12/09 | French SIMSTOCK research network.pdf            | 288  |
| 1680 | 10/09/09 | Front-and-Rear-Wheel-Independent-Drive.pdf      | 1085 |
| 1681 | 16/12/09 | Fuel Cell Motorcycle.pdf                        | 749  |
| 1682 | 16/12/09 | Fuel Cell Technology for Buses.pdf              | 241  |
| 1683 | 17/12/09 | Future Powertrain Technology.pdf                | 829  |
| 1684 | 16/12/09 | Green Technology DLCAP.pdf                      | 206  |
| 1685 | 17/12/09 | HELIOS European project.pdf                     | 117  |
| 1686 | 17/12/09 | High Efficiency Bicycle Propulsion.pdf          | 281  |
| 1687 | 16/12/09 | High Power Lithium Ion Battery.pdf              | 205  |
| 1688 | 23/10/09 | High Power Long Cycle-Life Capacitor.pdf        | 56   |
| 1689 | 24/10/09 | High Reliability Power Modules for EV.pdf       | 218  |
| 1690 | 17/12/09 | High-power battery modeling.pdf                 | 546  |
| 1691 | 16/12/09 | Hybrid Electric Combat Vehicle.pdf              | 364  |
| 1692 | 02/09/08 | Hybrid Electric Vehicles.pdf                    | 863  |
| 1693 | 21/09/13 | Hybrid vehicles solutions.pdf                   | 1375 |
| 1694 | 16/12/04 | Hybrid Vehicles, 42Volt Vehicle.pdf             | 80   |
| 1695 | 16/12/09 | Hybrid-Electric Military Vehicle.pdf            | 666  |
| 1696 | 16/12/09 | Hybrid-Electric Powertrains.pdf                 | 161  |
| 1697 | 15/12/09 | Hybridization of a Mobile Work Machine.pdf      | 168  |
| 1698 | 25/04/09 | Hydrogen Fuel Purity Impacts for Fuel Cells.pdf | 58   |
| 1699 | 17/12/09 | Hydrogen Hybrid Fuel Cell Vehicles.pdf          | 1617 |
| 1700 | 16/12/09 | ILHYPOS supercapacitors.pdf                     | 266  |
| 1701 | 26/03/14 | Impedance of HV Harness of EV.pdf               | 304  |
| 1702 | 16/12/09 | Improved life of IGBT module.pdf                | 207  |
| 1703 | 23/10/09 | Improving the design of EV experiments.pdf      | 36   |
| 1704 | 16/12/09 | Influence of cathodes technology.pdf            | 196  |
| 1705 | 16/12/09 | Influence of Sub-Freezing Conditions.pdf        | 525  |
| 1706 | 17/12/09 | Inorganic-blended Separator.pdf                 | 285  |
| 1707 | 14/12/09 | Instead of Plugging in for V2G.pdf              | 434  |
| 1708 | 17/12/09 | Integrated Starter Generator.pdf                | 932  |
| 1709 | 29/11/13 | Inverter for Filter in HV Networks.pdf          | 921  |
| 1710 | 16/12/09 | In-Wheel Motors.pdf                             | 294  |
| 1711 | 17/12/09 | In-wheel-motor Electric Vehicle.pdf             | 360  |
| 1712 | 14/11/11 | Lab Battery Systems for EV & HV Testing.pdf     | 2726 |
| 1713 | 14/12/09 | LAMPO's goals.pdf                               | 82   |

|      |          |   |      |
|------|----------|---|------|
| 1714 | 16/12/09 | Large Li-ion Battery Pack for EVs.pdf         | 955  |
| 1715 | 17/12/09 | Largest Fuelcell Land Vehicle.pdf             | 393  |
| 1716 | 23/08/00 | Life cycle analysis (LCA).pdf                 | 47   |
| 1717 | 16/12/09 | Life cycle cost analysis.pdf                  | 730  |
| 1718 | 16/12/09 | Light Duty Commercial Fuel Cell.pdf           | 1061 |
| 1719 | 20/08/09 | Limitations of Powertrain Electronics.pdf     | 382  |
| 1720 | 02/07/15 | Lithium Batteries Standards Comparison.pdf    | 183  |
| 1721 | 16/12/09 | Lithium Iron Phosphates Chemistry.pdf         | 192  |
| 1722 | 15/12/09 | Lithium-ion Batteries for EVs.pdf             | 144  |
| 1723 | 15/12/09 | Lithium-ion for hybrid vehicles.pdf           | 481  |
| 1724 | 16/12/09 | Lithium-polymer based Battery.pdf             | 220  |
| 1725 | 16/12/09 | Long-Term SOC-Prediction.pdf                  | 300  |
| 1726 | 16/12/09 | Low Cost Supercapacitor.pdf                   | 320  |
| 1727 | 16/12/09 | Low-cost charging systems.pdf                 | 290  |
| 1728 | 17/12/09 | Magnetic Anisotropy of Electrical Steel.pdf   | 228  |
| 1729 | 17/12/09 | Magnetic material optimization.pdf            | 509  |
| 1730 | 24/10/09 | Major electric vehicle fleet.pdf              | 142  |
| 1731 | 17/12/09 | Methanol Fuel Cells.pdf                       | 380  |
| 1732 | 24/10/09 | Methanol PEM Fuel Cell System.pdf             | 160  |
| 1733 | 16/12/09 | Minimization of losses of PMSM for HEV.pdf    | 247  |
| 1734 | 25/08/09 | Motors for Electric Vehicle Applications.pdf  | 415  |
| 1735 | 16/12/09 | New Electric Leakage Sensor.pdf               | 93   |
| 1736 | 17/12/09 | New Hybrid Transmission for 2009 Prius.pdf    | 340  |
| 1737 | 14/12/09 | New-type Dual-Hybrid Electric Vehicle.pdf     | 1174 |
| 1738 | 27/04/09 | Nissan puts zero-emission leadership.pdf      | 76   |
| 1739 | 15/12/09 | Non-contact Inductive Power Supply.pdf        | 529  |
| 1740 | 15/12/09 | Novel Battery Model.pdf                       | 342  |
| 1741 | 16/12/09 | Novel Traction Control.pdf                    | 155  |
| 1742 | 16/12/09 | Optimal size of PHEV batteries.pdf            | 219  |
| 1743 | 17/12/09 | Optimization of Hydrogen Storage.pdf          | 301  |
| 1744 | 14/12/09 | Outreach activities on JHFC 2.pdf             | 779  |
| 1745 | 17/12/09 | Packaging hydraulic & electric components.pdf | 299  |
| 1746 | 17/12/09 | Parallel and Series Cell Modules.pdf          | 1606 |
| 1747 | 16/12/09 | Petroleum Displacement Potential.pdf          | 384  |
| 1748 | 16/12/09 | Photovoltaic micro-generation & EV.pdf        | 370  |

|      |          |  |      |
|------|----------|--|------|
| 1749 | 17/12/09 | Pleasure boats.pdf                             | 101  |
| 1750 | 16/12/09 | Plug-In Hybrid Electric Vehicle.pdf            | 314  |
| 1751 | 14/12/09 | Plug-in vehicles in Stockholm.pdf              | 98   |
| 1752 | 16/12/09 | Post-Transmission Hybrid Powertrain.pdf        | 1590 |
| 1753 | 15/12/09 | Power Control Unit for Midclass Vehicle.pdf    | 185  |
| 1754 | 17/12/09 | Power Net Topologies for HEVs and EVs.pdf      | 787  |
| 1755 | 30/01/15 | Powering the New Generation of EVs.pdf         | 729  |
| 1756 | 17/12/09 | Powertrain Architecture and Control.pdf        | 584  |
| 1757 | 16/12/04 | Powertrain Control Modules.pdf                 | 257  |
| 1758 | 01/06/09 | Powertrain Radiated EMI.pdf                    | 363  |
| 1759 | 18/11/05 | Powertrain road emissions.pdf                  | 5270 |
| 1760 | 06/03/04 | Powertrain road vehicles.pdf                   | 199  |
| 1761 | 24/08/09 | Powertrains for Hybrid Vehicles.pdf            | 1119 |
| 1762 | 16/12/09 | Predict the Actual Range of EV.pdf             | 175  |
| 1763 | 16/12/09 | Prius PHEV Performance Potential.pdf           | 500  |
| 1764 | 15/12/09 | Production and use of Hydrogen.pdf             | 114  |
| 1765 | 25/04/09 | PSA hybrid HDi Technologies.pdf                | 2398 |
| 1766 | 15/12/09 | Rare Earth less Traction Motor.pdf             | 201  |
| 1767 | 19/06/15 | RE of an Electric Drive System.pdf             | 1273 |
| 1768 | 16/12/09 | Real World Drive Cycles.pdf                    | 453  |
| 1769 | 17/12/09 | Rechargeable Energy Storage Systems (RESS).pdf | 276  |
| 1770 | 15/12/09 | Rechargeable zinc air battery.pdf              | 224  |
| 1771 | 24/10/09 | Recharging infrastructures for EVs.pdf         | 71   |
| 1772 | 25/04/09 | Research of EMC Management Plan.pdf            | 278  |
| 1773 | 15/12/09 | Resistance of lithium battery.pdf              | 333  |
| 1774 | 24/10/09 | Risk in Connection with EVs.pdf                | 66   |
| 1775 | 16/12/09 | Safe Li-Ion Technology.pdf                     | 467  |
| 1776 | 16/12/09 | Safety in the battery in short circuit.pdf     | 269  |
| 1777 | 17/12/09 | Safety Test for Light Electric Vehicle.pdf     | 396  |
| 1778 | 30/12/09 | Second Generation Battery Control Unit.pdf     | 122  |
| 1779 | 17/12/09 | Separator Technology Performance.pdf           | 120  |
| 1780 | 16/12/09 | Series-parallel hybrid powertrain.pdf          | 220  |
| 1781 | 14/11/07 | Shield for Electric Vehicle Applications.pdf   | 301  |
| 1782 | 17/12/09 | SiC and Si-SiC Hybrid Modules.pdf              | 399  |
| 1783 | 17/12/09 | Silent operating range of military HEV.pdf     | 217  |

|      |          |   |      |
|------|----------|---|------|
| 1784 | 25/04/09 | Simulation of Fuel Cell Electric Vehicles.pdf | 273  |
| 1785 | 16/12/09 | Simulation of the PEM fuel cell.pdf           | 194  |
| 1786 | 17/12/09 | Smart Charging Strategies for EV.pdf          | 188  |
| 1787 | 16/12/09 | Smart Storage Concept.pdf                     | 479  |
| 1788 | 17/12/09 | Sodium-Nickel Chloride Battery.pdf            | 133  |
| 1789 | 10/09/09 | Supercapacitor enhanced electric power.pdf    | 170  |
| 1790 | 17/12/09 | Sustainability of Transport Fuels.pdf         | 138  |
| 1791 | 14/12/09 | Swedish Energy Storage Activities.pdf         | 203  |
| 1792 | 10/09/09 | SYNECTRIC - The Electric Endeavour.pdf        | 851  |
| 1793 | 17/12/09 | Tactical Wheeled Vehicles.pdf                 | 439  |
| 1794 | 14/11/11 | Testing Battery Systems For EV & HV.pdf       | 1780 |
| 1795 | 23/10/09 | Testing of Electric and Hybrid Drives.pdf     | 148  |
| 1796 | 10/09/09 | The Cell versus the System.pdf                | 168  |
| 1797 | 10/09/09 | The Hybrid Vehicle market 2008-2015.pdf       | 250  |
| 1798 | 16/12/09 | The new Audi Q5 HFC.pdf                       | 423  |
| 1799 | 16/12/09 | Thermal Management of Battery Systems.pdf     | 264  |
| 1800 | 16/12/09 | Thermoelectric-PV Hybrid Energy Source.pdf    | 314  |
| 1801 | 16/12/09 | Torque Ripple Reduction Control.pdf           | 1208 |
| 1802 | 25/04/09 | U.S. Department of Energy.pdf                 | 344  |
| 1803 | 16/12/09 | US Second-Generation Vehicle Results.pdf      | 326  |
| 1804 | 17/12/09 | Validation of a Battery Dynamic Model.pdf     | 508  |
| 1805 | 15/12/09 | Vehicle to Grid Integration.pdf               | 257  |
| 1806 | 04/01/10 | Véhicule hybride De Bernardinis_2000.pdf      | 1512 |
| 1807 | 24/10/09 | Viability of Fuel Cells for Car.pdf           | 101  |
| 1808 | 17/12/09 | Voltage Equalisation Phenomena.pdf            | 290  |
| 1809 | 17/12/09 | ZEBRA@battery integration.pdf                 | 391  |

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## Blindages

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### Blindages\Amortissement et absorbants

|      |          |   |      |
|------|----------|---|------|
| 1814 | 03/03/08 | 3M CEM échantillons 2007 GAMME .pdf                 | 1061 |
| 1815 | 28/06/14 | Design of Circuit-Analog (CA) Absorber.pdf          | 1837 |
| 1816 | 17/10/14 | High Impedance Surface for Noise Reduction.pdf      | 117  |
| 1817 | 25/11/13 | LF Intertwined Spiral-Aperture Absorbers.pdf        | 912  |
| 1818 | 13/04/15 | Lossy Material Performance in Resonant Cavities.pdf | 164  |

|      |  |  |      |
|------|--|--|------|
| 1819 | 11/07/12   | Metallic Waveguide Tube Using Wall Losses.pdf                        | 152  |
| 1820 | 11/05/15   | Rectangular Cavity With Aperture and Lossy Walls.pdf                 | 234  |
| 1821 | 07/10/08   | SE of Conductors Loaded Enclosures.pdf                               | 243  |
| 1822 | 24/11/13   | Sheet Absorbing Material Modeling & Application.pdf                  | 971  |
| 1823 | <b>Blindages\Blindage H - champ continu ou VLF</b> |  |      |
| 1824 | 28/06/14   | 3-D Magnetic Plates in Magnetic Shielding.pdf                        | 295  |
| 1825 | 11/09/05   | Active Shielding of LF H Field.pdf                                   | 913  |
| 1826 | 17/04/15   | Comparison of Shielding Calculations.pdf                             | 609  |
| 1827 | 07/09/11   | Composite Panels Near-Field Magnetic SE.pdf                          | 341  |
| 1828 | 21/03/04   | Développement blindage magnétique.pdf                                | 357  |
| 1829 | 10/03/09   | ELF Magnetic Field Shields.pdf                                       | 198  |
| 1830 | 28/10/07   | ELF Shielding of Infinite Planar Shields.pdf                         | 337  |
| 1831 | 09/12/07   | Enclosures SE Near Field Measurement.pdf                             | 218  |
| 1832 | 08/04/15   | Engineering Aspects of Electromagnetic Shielding.pdf                 | 4515 |
| 1833 | 07/10/12   | Ferrimagnetic Material and Metallic Shielding.pdf                    | 448  |
| 1834 | 02/01/11   | H Field Attenuation of Enclosures.pdf                                | 976  |
| 1835 | 02/03/09   | H Field Reduction by Metal Shields.pdf                               | 254  |
| 1836 | 01/07/09   | H Field Reduction of Metal Shields.pdf                               | 258  |
| 1837 | 11/07/12   | Homogenization of Composite Panels.pdf                               | 341  |
| 1838 | 14/11/04   | LF H Field Shielding techniques.pdf                                  | 175  |
| 1839 | 11/09/10   | LF Low-Impedance Electromagnetic Shielding.pdf                       | 511  |
| 1840 | 21/11/14   | LF Magnetic Field Shielding.pdf                                      | 1449 |
| 1841 | 29/10/08   | LF Open Surface H Field Shielding.pdf                                | 363  |
| 1842 | 01/10/10   | Low Frequency Magnetic Shielding.pdf                                 | 512  |
| 1843 | 24/06/03   | Magnetic Field Reduction.pdf   | 121  |
| 1844 | 23/12/15   | Magnetic SE of Enclosures in Near Field at LF.pdf                    | 546  |
| 1845 | 17/04/15   | Magnetic Shielded Enclosure in DC and VLF Region.pdf                 | 1925 |
| 1846 | 19/02/16   | Magnetif Field SE in Indoor Substation.pdf                           | 718  |
| 1847 | 14/10/13   | Measurement of magnetic SE of a wire mesh.pdf                        | 609  |
| 1848 | 31/08/15   | Mitigation techniques of power frequency magnetic fields and ELF.ppt | 8926 |
| 1849 | 08/10/08   | Models for Near-Field Shielding.pdf                                  | 177  |
| 1850 | 27/01/09   | Mumétal Magnetic Shielding Design.pdf                                | 304  |
| 1851 | 27/08/11   | Near-Field SE of Periodic Screens.pdf                                | 667  |
| 1852 | 17/04/15   | SE of Superalloy, Aluminum & Mumetal Tapes.pdf                       | 379  |
| 1853 | 08/03/04   | Shielding low-frequency H field.pdf                                  | 180  |

|      |  |  |      |
|------|--|--|------|
| 1854 | 25/02/04                               | Switchgear H field.pdf   | 553  |
| 1855 | 25/07/05                               | Thincoat H Shielding.pdf   | 215  |
| 1856 | 03/09/07                               | Transient SE for Near-Field Source.pdf                                 | 163  |
| 1857 | 31/08/15                               | Zero Gauss -3-broch-spread-web magnetic shield.pdf                     | 1012 |
| 1858 | <b>Blindages\Blindages sélectifs</b>   |  |      |
| 1859 | 26/12/08                               | Bandpass Shielding Enclosure Design.pdf                                | 302  |
| 1860 | 16/10/06                               | Frequency Selective Surfaces.pdf                                       | 886  |
| 1861 | 18/03/06                               | Frequency Selective Windows.pdf  | 2201 |
| 1862 | 03/09/07                               | Periodic Array of Rectangular Apertures.pdf                            | 266  |
| 1863 | 23/12/15                               | SE With Double-Layer Frequency Selective Surface.pdf                   | 558  |
| 1864 | 22/02/11                               | Shielding Performance of 2-D Periodic Screens.pdf                      | 306  |
| 1865 | <b>Blindages\Cavités et structures</b> |  |      |
| 1866 | 18/11/13                               | 3-D Green's Function in a Rectangular Cavity.pdf                       | 149  |
| 1867 | 31/12/14                               | Analysis of SE of Enclosures With Apertures.pdf                        | 930  |
| 1868 | 22/02/11                               | Aperture Coupling Near-Field Cavity.pdf                                | 656  |
| 1869 | 20/08/09                               | Cavity Connection Excited by UWB Pulse.pdf                             | 287  |
| 1870 | 11/01/14                               | Cavity With an Electrically Large Aperture.pdf                         | 223  |
| 1871 | 09/09/05                               | Chassis Resonance Evaluation.pdf                                       | 1022 |
| 1872 | 11/07/12                               | Circular Ports in Parallel-Plate Waveguide.pdf                         | 368  |
| 1873 | 11/01/10                               | Cylindrical Shields.pdf  | 360  |
| 1874 | 04/12/04                               | Dielectric Cylinders.pdf   | 227  |
| 1875 | 18/04/11                               | EMI from Cavity Modes of Shielding Enclosures.pdf                      | 249  |
| 1876 | 05/09/05                               | Enclosures & inner structures.pdf                                      | 108  |
| 1877 | 18/11/13                               | Huygens' Box Inside an Enclosure.pdf                                   | 241  |
| 1878 | 12/01/08                               | ILCMs for Coupling of fields.pdf                                       | 98   |
| 1879 | 16/10/11                               | Microwave Circuit in a Rectangular Cavity.pdf                          | 1261 |
| 1880 | 02/09/07                               | Missile Enclosure against EMI.pdf                                      | 196  |
| 1881 | 09/10/14                               | Model-Based Analysis of Screw Locations.pdf                            | 268  |
| 1882 | 10/02/16                               | Nonlinearly loaded transmission lines inside resonating enclosures.pdf | 342  |
| 1883 | 16/05/14                               | Performance of Highly Resonant Enclosures.pdf                          | 1470 |
| 1884 | 31/12/14                               | Random Coupling Model in Complex Enclosures.pdf                        | 410  |
| 1885 | 11/03/11                               | Rectangular Cavity With a Small Aperture.pdf                           | 265  |
| 1886 | 08/03/04                               | Rectangular Enclosure with Apertures.pdf                               | 97   |
| 1887 | 12/10/09                               | Rotating Nonmagnetic Conducting Cylinders.pdf                          | 293  |
| 1888 | 13/01/14                               | SE Analysis of Multiply Bent Slots.pdf                                 | 303  |

|      |  |   |      |
|------|--|---|------|
| 1889 | 20/12/04                                   | SE in a Multicavity PCB.pdf                                 | 225  |
| 1890 | 13/01/08                                   | SE Measurement of Small Enclosure.pdf                       | 1045 |
| 1891 | 01/09/07                                   | SE of a Rectangular Box & Aperture.pdf                      | 313  |
| 1892 | 12/03/08                                   | SE of a Rectangular Enclosure.pdf                           | 149  |
| 1893 | 15/07/07                                   | SE of a relatively small Enclosure.pdf                      | 222  |
| 1894 | 26/10/08                                   | SE of Cylindrical Scale Fuselage Model.pdf                  | 366  |
| 1895 | 06/12/07                                   | SE of Rectangular Cavity & TLM.pdf                          | 110  |
| 1896 | 28/03/07                                   | SE of small devices Chomerics.pdf                           | 103  |
| 1897 | 19/02/02                                   | SE of small enclosures.pdf                                  | 78   |
| 1898 | 22/10/08                                   | SE of Spacecraft Structural Panels.pdf                      | 741  |
| 1899 | 11/01/08                                   | SE using a Dual Focus Flat Cavity.pdf                       | 187  |
| 1900 | 20/11/14                                   | Search for limits of complex cavity model.pdf               | 453  |
| 1901 | 15/12/06                                   | Shielding of the Space Shuttle.pdf                          | 244  |
| 1902 | 21/10/15                                   | Statistical Model for the Excitation of Cavities.pdf        | 365  |
| 1903 | 24/09/13                                   | Statistical Multipole Expansion.pdf                         | 214  |
| 1904 | 23/01/13                                   | Transient Excitation of Rectangular Resonators.pdf          | 240  |
| 1905 | <b>Blindages\Câbles connecteurs et PCB</b> |   |      |
| 1906 | 26/05/08                                   | Cables & PCBs in Metallic Structures.pdf                    | 295  |
| 1907 | 26/02/04                                   | Corrugated aperture.pdf                                     | 249  |
| 1908 | 18/12/04                                   | Detection of Low Cable Faults.pdf                           | 318  |
| 1909 | 09/10/06                                   | Effect of a Board on the S.E. of a Box.pdf                  | 250  |
| 1910 | 06/12/04                                   | EMC protection of cabling.pdf                               | 3721 |
| 1911 | 18/12/04                                   | Faults on coaxial cable shields.pdf                         | 146  |
| 1912 | 25/01/13                                   | Mardiguian_DDG12 Cable shielding factor vs Zt.pdf           | 1793 |
| 1913 | 27/11/13                                   | Multi-Branched Braid Shielded Harness.pdf                   | 761  |
| 1914 | 23/06/03                                   | Multi-GHz Interconnect.pdf                                  | 263  |
| 1915 | 16/04/15                                   | Relative SE Provided by Stitching Vias and Edge Plating.pdf | 454  |
| 1916 | 09/10/06                                   | S.E. of a Box with a Board.pdf                              | 893  |
| 1917 | 25/05/06                                   | Shielding Effectiveness of a Board.pdf                      | 385  |
| 1918 | <b>Blindages\Conception et guides</b>      |   |      |
| 1919 | 14/11/04                                   | Active Shielding Design.pdf                                 | 173  |
| 1920 | 19/08/12                                   | Blindages électromagnétiques.pdf                            | 260  |
| 1921 | 16/05/14                                   | Design of Homogeneous and Composite Materials.pdf           | 347  |
| 1922 | 29/11/11                                   | Designing the Box.pdf                                       | 1973 |
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|      |   |  |      |
|------|---|--|------|
| 1924 | 21/02/02                                      | Heatsink radiations.pdf                                  | 276  |
| 1925 | 20/03/13                                      | MT-095 Analog Devices Shielding Concepts.pdf             | 143  |
| 1926 | 14/11/04                                      | Product Safety & Heat Sink.pdf                           | 170  |
| 1927 | 20/12/04                                      | SE of Standard Equipment Racks.pdf                       | 615  |
| 1928 | 25/07/05                                      | Spira.pdf  | 145  |
| 1929 | 10/08/05                                      | TECKNIT DESIGN GUIDE.pdf                                 | 656  |
| 1930 | <b>Blindages\Films, grillages et textiles</b> |  |      |
| 1931 | 22/12/07                                      | 3D Simulation of Thin Layers.pdf                         | 201  |
| 1932 | 12/09/14                                      | ASTM SE Test Report.pdf                                  | 2330 |
| 1933 | 11/09/14                                      | ASTM-Dd4935-10 SE of Planar Material.pdf                 | 220  |
| 1934 | 12/09/14                                      | Boron & Carbon Fibre Woven Fabrics.pdf                   | 509  |
| 1935 | 12/09/14                                      | Conductive Fabrics for Medical Applications.pdf          | 452  |
| 1936 | 11/09/14                                      | Conductive textile composite materials.pdf               | 139  |
| 1937 | 11/09/14                                      | EB par insertion d'écran métallisé.pdf                   | 201  |
| 1938 | 29/12/05                                      | EM Lightweight PCBs Shields .pdf                         | 331  |
| 1939 | 12/09/14                                      | EM shielding tester for conductive textile materials.pdf | 181  |
| 1940 | 18/09/11                                      | Evaluating SE of Textiles.pdf                            | 514  |
| 1941 | 11/01/10                                      | Evaluating the SE of Textiles.pdf                        | 385  |
| 1942 | 14/11/04                                      | Fe-Hf-O Ferromagnetic Thin Films.pdf                     | 301  |
| 1943 | 24/11/07                                      | Innovative Lightweight Shields.pdf                       | 271  |
| 1944 | 20/12/04                                      | Innovative Transparent Metals.pdf                        | 366  |
| 1945 | 11/10/11                                      | Laminated Thin-Film Multilayer Shield.pdf                | 299  |
| 1946 | 11/09/14                                      | Methods for Evaluating the SE of Textiles.pdf            | 596  |
| 1947 | 16/05/14                                      | Modelling Thin Conductive Layers.pdf                     | 469  |
| 1948 | 12/09/14                                      | Requirements of EM Shielding Textiles.pdf                | 55   |
| 1949 | 11/09/14                                      | SE Applied to Conductive Textiles.pdf                    | 479  |
| 1950 | 10/10/14                                      | SE of Non-woven Fabric Noise Suppressor.pdf              | 244  |
| 1951 | 29/10/08                                      | SE of Planar Microstructured Screens.pdf                 | 357  |
| 1952 | 01/07/09                                      | SE of Planar Samples wo Contact.pdf                      | 244  |
| 1953 | 12/09/14                                      | SE of textile materials in time domain.pdf               | 533  |
| 1954 | 13/10/14                                      | SE of Thin Flexible Graphene Nanoplatelets.pdf           | 1025 |
| 1955 | 03/09/07                                      | SE of Thin Resistive Sheet Coatings.pdf                  | 238  |
| 1956 | 16/05/14                                      | SE of Transparent Conducting Thin Films.pdf              | 919  |
| 1957 | 12/09/14                                      | Testing the Shielding Properties of Textiles.pdf         | 280  |
| 1958 | 25/07/05                                      | Textile Shieldd.pdf                                      | 217  |



|      |   |  |      |
|------|---|--|------|
| 1959 | 08/07/07  | Unravelling Packaging.pdf                                | 65   |
| 1960 | 28/06/14  | Wire Meshes Modeling and Validation.pdf                  | 375  |
| 1961 | <b>Blindages\Joints et doigts conducteurs</b>       |  |      |
| 1962 | 25/02/04  | Alternatives to gaskets.pdf                              | 340  |
| 1963 | 21/02/15  | Avoiding Redesign - Upfront Planning.pdf                 | 212  |
| 1964 | 26/02/16  | Cavity Sealed by Plate and Conductive Elastomer.pdf      | 260  |
| 1965 | 07/10/06  | Conductive Elastomer Gaskets.pdf                         | 695  |
| 1966 | 31/12/06  | Elastomer or Rubber Material Gasket.pdf                  | 97   |
| 1967 | 18/12/04  | Elastomeric Gasketing Material.pdf                       | 123  |
| 1968 | 06/05/06  | EMI Gaskets Shielding Effectiveness.pdf                  | 582  |
| 1969 | 16/12/07  | Engineering of Absorbing Gaskets.pdf                     | 131  |
| 1970 | 13/05/08  | Flange-Gasket Design.pdf                                 | 60   |
| 1971 | 29/10/08  | Gasket SE Using Transmission Theory.pdf                  | 154  |
| 1972 | 31/12/06  | IEEE P1302 Characterisation of gaskets.pdf               | 57   |
| 1973 | 18/11/13  | Innovative O-Shape Spring Contact.pdf                    | 301  |
| 1974 | 12/09/10  | Integrity of Seams in a Shield Enclosure.pdf             | 397  |
| 1975 | 31/10/11  | Methods of Testing EMI Gaskets.pdf                       | 1207 |
| 1976 | 25/12/07  | SE of a Metallic Enclosure with Springs.pdf              | 224  |
| 1977 | 04/02/15  | SE Testing of EMI Gaskets.pdf                            | 2795 |
| 1978 | 14/11/07  | Shielding Gasket at Microwave.pdf                        | 155  |
| 1979 | 13/10/11  | Standards for EMI Gaskets Characterization.pdf           | 304  |
| 1980 | 12/01/11  | Stripline SE of Gaskets up to 18 GHz.pdf                 | 519  |
| 1981 | 26/11/13  | TEM Cell to Study Gasket Reliability.pdf                 | 376  |
| 1982 | 31/10/11  | Transfer Impedance of EMI Gaskets.pdf                    | 142  |
| 1983 | 16/10/12  | Zt of EMI Gasketed Joints to 10 GHz.pdf                  | 415  |
| 1984 | <b>Blindages\Matériaux de blindage - composites</b> |  |      |
| 1985 | 11/08/10  | 3D Model of SE with Metal Foams.pdf                      | 159  |
| 1986 | 08/04/07  | Advanced Shielding Materials.pdf                         | 3576 |
| 1987 | 29/10/08  | Faceplates & Impedance Matrix.pdf                        | 151  |
| 1988 | 26/10/09  | Gore Shielding EMI Material-Based.pdf                    | 1697 |
| 1989 | 10/02/16  | Intrinsic SE for isotropic and anisotropic materials.pdf | 744  |
| 1990 | 12/09/10  | Metallized Fabric Enclosure.pdf                          | 431  |
| 1991 | 10/12/07  | SE Method for Composite Materials.pdf                    | 141  |
| 1992 | 12/01/08  | SE of a Metamaterial Slab.pdf                            | 135  |
| 1993 | 02/03/09  | SE of a Thick Screen with Corrugations.pdf               | 163  |

|      |   |  |      |
|------|---|--|------|
| 1994 | 12/01/11  | SE of Carbon Nanotubes in EMI Plastics.pdf         | 311  |
| 1995 | 29/10/08  | SE of Negative-Permeability Screens.pdf            | 283  |
| 1996 | 16/05/14  | SE of Transparent Stainless Steel Fiber.pdf        | 406  |
| 1997 | 25/09/13  | Unconventional Materials for EM Shielding.pdf      | 605  |
| 1998 | <b>Blindages\Méthodes et résultats de mesures</b> |  |      |
| 1999 | 16/12/06  | Anechoic & RC Shielding above 1 GHz.pdf            | 159  |
| 2000 | 04/03/13  | Aperture Length to Aperture Width Ratio.pdf        | 289  |
| 2001 | 06/12/07  | ASTM Method at GHz Frequency.pdf                   | 407  |
| 2002 | 21/06/13  | Building Shielding Measurement Method.pdf          | 1236 |
| 2003 | 31/12/14  | Coaxial Waveguide Methods for SE Measurement.pdf   | 474  |
| 2004 | 10/06/03  | comparespec rev2 0700.pdf                          | 11   |
| 2005 | 07/10/12  | Comparison of 3 SE methods of materials.pdf        | 240  |
| 2006 | 18/12/04  | Contact Surface Resistivity.pdf                    | 848  |
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| 2009 | 29/10/08  | Direct Method for SEdB Determination.pdf           | 503  |
| 2010 | 23/06/03  | Direct SE Measurements.pdf                         | 217  |
| 2011 | 17/10/12  | Evaluation of Material SE.pdf                      | 1313 |
| 2012 | 18/06/05  | Faraday cage SE Measurement.pdf                    | 250  |
| 2013 | 11/09/05  | Field through Apertures by TLM.pdf                 | 187  |
| 2014 | 09/09/05  | Field-to-Enclosure Coupling in RC.pdf              | 157  |
| 2015 | 07/10/12  | Gasket stripline method up to 40GHz.pdf            | 947  |
| 2016 | 31/10/11  | Harmonization of Shielding.pdf                     | 265  |
| 2017 | 26/03/07  | IEEE Std 299 Shielding Effectiveness.pdf           | 49   |
| 2018 | 10/04/15  | Material SE Using Coupled Reverberant Cavities.pdf | 1686 |
| 2019 | 06/03/04  | Measure Reflection and Absorption.pdf              | 99   |
| 2020 | 11/12/06  | Measurement of S.E. for Enclosures.pdf             | 546  |
| 2021 | 27/02/13  | Measurement of SE of Small Enclosures.pdf          | 284  |
| 2022 | 10/10/14  | On-Board Gaskets SE using a Stripline or a RC.pdf  | 662  |
| 2023 | 27/08/08  | Response of Nonlinear Equipment in RC.pdf          | 140  |
| 2024 | 03/12/04  | RF Transmissivity Measurements.pdf                 | 321  |
| 2025 | 06/10/06  | S.E. Characterization of enclosures.pdf            | 1321 |
| 2026 | 15/10/06  | S.E. in a Reverberation Chamber.pdf                | 348  |
| 2027 | 29/11/04  | SE & IEC 61000-4-21.pdf                            | 100  |
| 2028 | 21/11/14  | SE Evaluation using Coupled Cavities.pdf           | 1534 |

|      |   |  |     |
|------|---|--|-----|
| 2029 | 25/02/04                                    | SE in Mode Stirred Chamber.pdf                         | 408 |
| 2030 | 19/12/14                                    | SE in RC Using Radar Cross-Section Simulations.pdf     | 296 |
| 2031 | 04/10/11                                    | SE Measurement in TEM Cell and Small RC.pdf            | 362 |
| 2032 | 27/08/08                                    | SE Measurement with F Stirring in MSC.pdf              | 337 |
| 2033 | 06/03/04                                    | SE Measurements.pdf                                    | 677 |
| 2034 | 27/08/08                                    | SE Measuring Cell 1-18 GHZ.pdf                         | 262 |
| 2035 | 11/01/14                                    | SE of an Electrically Large Enclosure.pdf              | 161 |
| 2036 | 07/10/12                                    | SE of Enclosures through Dimensional Scaling.pdf       | 301 |
| 2037 | 26/08/09                                    | SE of Small Enclosures with PCBs.pdf                   | 372 |
| 2038 | 19/02/02                                    | SE with network analyzer.pdf                           | 97  |
| 2039 | 13/11/04                                    | Shielded Enclosure Leak Detection.pdf                  | 182 |
| 2040 | 05/12/04                                    | Shielding Effectiveness Measurement.pdf                | 209 |
| 2041 | 04/01/07                                    | Shielding Methods for RF.pdf                           | 829 |
| 2042 | 09/09/05                                    | Shielding of Enclosures above 1 GHz.pdf                | 164 |
| 2043 | 31/10/11                                    | Shielding-Enclosure Evaluation.pdf                     | 417 |
| 2044 | 03/09/07                                    | Skin-effect line coupler SE measurement.pdf            | 318 |
| 2045 | 13/11/04                                    | Statistical Shielding Effectiveness 2.pdf              | 136 |
| 2046 | 05/04/04                                    | Statistical Shielding Effectiveness.pdf                | 396 |
| 2047 | 07/10/12                                    | Swept CW Testing of Shielded Systems.pdf               | 565 |
| 2048 | 21/11/14                                    | Technique for SE Measurement of Small Enclosure.pdf    | 426 |
| 2049 | <b>Blindages\Modélisation et simulation</b> |  |     |
| 2050 | 01/03/13                                    | Abnormal Phenomenon on SE of Metallic Enclosures.pdf   | 637 |
| 2051 | 12/12/06                                    | Advanced Topics in EMC Shielding.pdf                   | 126 |
| 2052 | 06/03/04                                    | Average Shielding Effectiveness.pdf                    | 136 |
| 2053 | 12/09/10                                    | Circuit Approach to Calculate SE.pdf                   | 719 |
| 2054 | 12/01/10                                    | Circuital Approach of H Field SE.pdf                   | 254 |
| 2055 | 12/10/06                                    | Comparison of calculated S.E..pdf                      | 321 |
| 2056 | 08/02/16                                    | Energy conserving coupling through small apertures.pdf | 202 |
| 2057 | 12/01/14                                    | Extended State-Space Finite-Element Formulation.pdf    | 240 |
| 2058 | 29/03/10                                    | Fast SE calculation with MoM.pdf                       | 192 |
| 2059 | 18/04/11                                    | FDTD Thin-Slot Model for Slots.pdf                     | 128 |
| 2060 | 28/06/14                                    | Formulation for Fast Prediction of SE.pdf              | 952 |
| 2061 | 12/01/14                                    | HIE-PSTD for Simulation of Thin Slots.pdf              | 387 |
| 2062 | 28/10/08                                    | Hybrid Method for Aperture Modeling.pdf                | 109 |
| 2063 | 21/11/10                                    | Hybrid TLM-IE method for SE.pdf                        | 201 |

|      |  |  |      |
|------|--|--|------|
| 2064 | 11/10/06   | Integral Method for ELF Shielding.pdf                          | 130  |
| 2065 | 26/08/07   | IP Codes for Enclosures.pdf                                    | 488  |
| 2066 | 21/10/15   | Modeling RF EMF Coupling Through Apertures.pdf                 | 720  |
| 2067 | 23/06/03   | Multipole Algorithm.pdf  | 221  |
| 2068 | 20/08/09   | SE Analysis by High-order Mode TLM.pdf                         | 111  |
| 2069 | 03/09/07   | SE at Oblique & Arbitrary Polarizations.pdf                    | 446  |
| 2070 | 19/02/16   | SE Calculations for Cabinets from 1 to 30 GHz.pdf              | 776  |
| 2071 | 16/05/14   | SE of a Cavity with Apertures on Different Sides.pdf           | 305  |
| 2072 | 11/10/13   | SE of a Loaded Perforated Enclosure by FDFD-MoM.pdf            | 135  |
| 2073 | 26/02/16   | SE of Enclosure With Connected Accessory (Dipole Modeling).pdf | 698  |
| 2074 | 31/12/14   | SE of Rectangular Enclosures Using TD Integral Equations.pdf   | 362  |
| 2075 | 19/06/15   | SE Prediction of Enclosure With Aperture.pdf                   | 1040 |
| 2076 | 31/12/06   | SE using Wire Grid Model.pdf                                   | 388  |
| 2077 | 19/02/02   | SE vs finite elements.pdf                                      | 232  |
| 2078 | 08/03/04   | Shielding Prediction of Aperture.pdf                           | 148  |
| 2079 | 05/10/12   | Statistical multipole formulations for SE problems.pdf         | 376  |
| 2080 | 01/12/04   | Statistical S.E. & MoM.pdf                                     | 457  |
| 2081 | 13/01/14   | Tangential E Field Samplings Over Openings.pdf                 | 468  |
| 2082 | 02/01/11   | Time Domain E Field through Shields.pdf                        | 261  |
| 2083 | 31/03/11   | TLM Shielding Properties of Enclosures.pdf                     | 455  |
| 2084 | <b>Blindages\Ouvertures, fentes et grillages</b> |  |      |
| 2085 | 26/08/11   | Air Vents & Slots in Shielded Cabinets.pdf                     | 396  |
| 2086 | 18/04/11   | Airflow Aperture Arrays in Shielding Enclosures.pdf            | 367  |
| 2087 | 20/08/09   | Aperture Backed Cavity.pdf                                     | 178  |
| 2088 | 16/02/02   | Aperture coupling.pdf  | 133  |
| 2089 | 14/11/04   | Aperture Model Prediction.pdf                                  | 142  |
| 2090 | 02/09/08   | Apertures and Line Penetrations.pdf                            | 1093 |
| 2091 | 14/11/04   | Apertures In Rectangular Enclosures.pdf                        | 97   |
| 2092 | 02/03/09   | Comparison of Butt and Overlap Gaps.pdf                        | 76   |
| 2093 | 28/10/07   | Dual-Perforated Screens and Loss.pdf                           | 154  |
| 2094 | 12/01/08   | Effects of Aperture Thickness on SE.pdf                        | 303  |
| 2095 | 05/01/10   | EM Field inside Housing with Aperture.pdf                      | 320  |
| 2096 | 17/08/11   | EM Penetration through Apertures.pdf                           | 1410 |
| 2097 | 26/02/16   | EM Propagation Through Overlapped Metal Plates.pdf             | 1050 |
| 2098 | 17/08/11   | EM Shielding of Wire-Mesh Screens.pdf                          | 572  |

|      |          |   |      |
|------|----------|---|------|
| 2099 | 31/08/07 | FDTD SE of Enclosure With Thin Slots.pdf          | 144  |
| 2100 | 09/09/05 | Field in Enclosure with Aperture.pdf              | 152  |
| 2101 | 02/03/09 | Filled Apertures in a Conducting Plane.pdf        | 144  |
| 2102 | 22/02/09 | HIRF Penetration Through Apertures.pdf            | 290  |
| 2103 | 10/12/07 | Hole in a Thick Conducting Plane.pdf              | 87   |
| 2104 | 31/08/15 | Increasing EMI SE of Air Vents.pdf                | 372  |
| 2105 | 30/07/11 | Large aperture effects in shielding.pdf           | 185  |
| 2106 | 08/03/04 | Leakage of Overlapped Slot.pdf                    | 120  |
| 2107 | 03/09/07 | Leakage Through Perforated Shields.pdf            | 294  |
| 2108 | 26/09/10 | Oblique Incident Plane Wave on Apertures.pdf      | 1398 |
| 2109 | 14/11/04 | Overlapped Slot Leakage.pdf                       | 120  |
| 2110 | 12/11/04 | Perforated Shields.pdf                            | 313  |
| 2111 | 29/10/08 | PMC Boundaries around an Aperture.pdf             | 281  |
| 2112 | 19/08/09 | SE Approximations for Perforated Shields.pdf      | 448  |
| 2113 | 12/09/10 | SE Behavior of Wire-Mesh Screens.pdf              | 572  |
| 2114 | 27/03/08 | SE of a Wire-Medium Screen.pdf                    | 351  |
| 2115 | 12/10/11 | SE of Enclosure with Rectangular Apertures.pdf    | 254  |
| 2116 | 11/12/07 | SE of Enclosure with Square Apertures.pdf         | 147  |
| 2117 | 01/10/12 | SE of Enclosure With Wall Thickness.pdf           | 1121 |
| 2118 | 01/07/09 | SE of Enclosures with Apertures 2.pdf             | 341  |
| 2119 | 02/03/09 | SE of Enclosures with Apertures.pdf               | 219  |
| 2120 | 20/08/09 | SE of Loaded Enclosures With Apertures.pdf        | 139  |
| 2121 | 01/07/09 | SE of Metallic Enclosures.pdf                     | 236  |
| 2122 | 11/09/10 | SE of Rectangular Apertures.pdf                   | 345  |
| 2123 | 05/03/09 | SE of Single & Double Plates with Slits.pdf       | 181  |
| 2124 | 06/07/08 | SE of Thin and Thick Apertures.pdf                | 663  |
| 2125 | 01/07/09 | SE with Multiple Slots.pdf                        | 235  |
| 2126 | 25/02/04 | Shielding wall.pdf                                | 198  |
| 2127 | 17/04/15 | Simplified Shielding for Perforated Shields.pdf   | 926  |
| 2128 | 06/03/09 | Slots Near Corners of Enclosures.pdf              | 131  |
| 2129 | 22/06/03 | Slots.pdf   | 946  |
| 2130 | 22/02/11 | Vent Hole Size Analysis for HF Chassis Design.pdf | 400  |
| 2131 | 25/02/04 | Vent holes SE.pdf                                 | 136  |
| 2132 | 21/02/09 | Wave Penetration Through Bent Slots.pdf           | 160  |
| 2133 | 12/01/08 | Wire-mesh Shielding Performance.pdf               | 345  |

|      |  |  |      |
|------|--|--|------|
| 2134 | <b>Blindages\Panneaux multicouches</b> |  |      |
| 2135 | 05/05/09                               | EMI Shielding of Touch Screens.pdf                   | 51   |
| 2136 | 21/06/03                               | Multilayer Shielding transparency.pdf                | 342  |
| 2137 | 21/06/03                               | Multilayered Shields.pdf                             | 126  |
| 2138 | 29/08/11                               | SE of a Thick Multilayered Panel in a RC.pdf         | 613  |
| 2139 | 11/08/10                               | SE of Multi-layer Structures of Textile.pdf          | 263  |
| 2140 | <b>Blindages\Réponse temporelle</b>    |  |      |
| 2141 | 25/09/13                               | Definition of the SE in the Time - Domain.pdf        | 330  |
| 2142 | 16/05/14                               | Definitions of Time-Domain SE of Enclosures.pdf      | 1347 |
| 2143 | 06/03/04                               | Nonlinear Penetration of Pulsed EM Fields.pdf        | 126  |
| 2144 | 25/02/04                               | SE pulse method.pdf                                  | 180  |
| 2145 | 14/11/04                               | SPICE Time-Domain Analysis.pdf                       | 142  |
| 2146 | 13/10/14                               | Time-Domain SE of Planar Nanoscreens.pdf             | 335  |
| 2147 | 07/10/14                               | Time-Domain Shielding Problems.pdf                   | 429  |
| 2148 | 15/12/06                               | Transient Coupling Through Apertures.pdf             | 132  |
| 2149 | 16/02/02                               | Transient field.pdf                                  | 170  |
| 2150 | 27/08/08                               | Transient SE of Cabinets.pdf                         | 264  |
| 2151 | 13/07/07                               | Transient Shielding Effectiveness.pdf                | 173  |
| 2152 | <b>Blindages\Théorie et analyse</b>    |  |      |
| 2153 | 05/09/05                               | 2005 Enclosures Shielding Effectiveness.pdf          | 1124 |
| 2154 | 24/07/15                               | A Theory of Shielding EM Waves.pdf                   | 417  |
| 2155 | 20/12/04                               | Actual Performance of Enclosures.pdf                 | 411  |
| 2156 | 07/10/12                               | Approximate Theory of RF Shielded Enclosures.pdf     | 128  |
| 2157 | 21/03/04                               | Efficacité de blindage.pdf                           | 222  |
| 2158 | 11/01/10                               | Electromagnetic Shielding Analyses.pdf               | 4764 |
| 2159 | 05/04/04                               | EM Field Penetration Studies.pdf                     | 367  |
| 2160 | 26/02/04                               | EM waves shielding.pdf                               | 522  |
| 2161 | 27/02/04                               | Enclosures shielding.pdf                             | 425  |
| 2162 | 27/07/05                               | Enclosures Transfer Function.pdf                     | 762  |
| 2163 | 17/08/15                               | Engineering Aspects of Electromagnetic Shielding.pdf | 5542 |
| 2164 | 07/10/06                               | Experimental Theoretical Enclosure Analysis.pdf      | 2947 |
| 2165 | 17/04/15                               | Fundamentals of Plane Electromagnetic Shield.pdf     | 276  |
| 2166 | 11/09/10                               | Grounding & Shielding.pdf                            | 2015 |
| 2167 | 01/03/09                               | LF Fields Attenuation in Chimneys.pdf                | 232  |
| 2168 | 14/08/14                               | Modèle simple d'une boîte avec fentes.pdf            | 2769 |

|      |  |   |      |
|------|--|---|------|
| 2169 | 17/04/15   | New Dimensions in Shielding (Cowdell Abacus).pdf  | 1553 |
| 2170 | 17/11/05   | Oblique & Arbitrary Polarizations SE.pdf          | 452  |
| 2171 | 03/09/07   | On the SE of Enclosures.pdf                       | 495  |
| 2172 | 30/12/14   | Plane Wave SE Decompositions.pdf                  | 191  |
| 2173 | 10/10/06   | Reciprocity of S.E.pdf                            | 299  |
| 2174 | 13/11/04   | Reflection and Absorption Loss.pdf                | 94   |
| 2175 | 16/12/07   | Rethinking Shielding Theory.pdf                   | 126  |
| 2176 | 12/09/10   | Role of Shielding in Interference Control.pdf     | 313  |
| 2177 | 26/08/11   | Screening Theory of Enclosures.pdf                | 658  |
| 2178 | 06/07/08   | SE & Modified Bethe's Coupling Theory.pdf         | 873  |
| 2179 | 18/12/04   | SE & Transfer Impedance.pdf                       | 674  |
| 2180 | 12/09/10   | SE and Electromagnetic Protection.pdf             | 381  |
| 2181 | 02/09/07   | SE by Hollow Conducting Tubes.pdf                 | 152  |
| 2182 | 06/03/09   | SE of Hollow Chiral Sphere.pdf                    | 173  |
| 2183 | 28/10/08   | SE with a Twist.pdf                               | 132  |
| 2184 | 26/03/15   | Shielding - Todd Hubing.pdf                       | 3582 |
| 2185 | 28/10/08   | Shielding Analysis of Enclosure.pdf               | 110  |
| 2186 | 18/11/04   | Shielding Analysis.pdf                            | 833  |
| 2187 | 01/01/15   | Shielding Effectiveness Equations.pdf             | 198  |
| 2188 | 19/02/09   | Shielding Theory and Practice.pdf                 | 883  |
| 2189 | 17/08/11   | Shielding Theory of Enclosures with Apertures.pdf | 1219 |
| 2190 | 18/11/04   | Shielding tutorial.pdf                            | 922  |
| 2191 | 28/02/11   | Shielding.pdf                                     | 1847 |
| 2192 | 25/05/12   | Subcell FDTD Modeling of Field Penetration.pdf    | 530  |
| 2193 | 22/02/11   | Surface Impedance Approach.pdf                    | 242  |
| 2194 | 01/11/11   | Surface Transfer Impedance and SE.pdf             | 147  |
| 2195 | 03/07/09   | Surface Transfer Impedance.pdf                    | 375  |
| 2196 | 29/07/15   | The Basic Principles of Shielding.pdf             | 312  |
| 2197 | 26/08/11   | Waveguide below cut-off principle.pdf             | 235  |
| 2198 | <b>Blindages\ Vieillissement &amp; maintenance</b> |   |      |
| 2199 | 26/10/08   | Immunity Tests for SE Maintenance.pdf             | 435  |
| 2200 | 10/11/08   | Mechanical design tips for shielding.pdf          | 269  |
| 2201 | 07/10/06   | S.E. under Salt Fog Exposure.pdf                  | 396  |
| 2202 | 02/01/11   | SE After Stress on Metalized Plastics.pdf         | 676  |

2203

2204

**Bobinages et transfos**

2205

**Bobinages et transfos\Autotransformateurs**

2207 24/12/04 Autotransformer arrangements.pdf 173

2208 04/02/15 Autotransfos ... bande large.pdf 781

**Bobinages et transfos\Bobinage et astuces**

2210 26/03/14 CM Cancellation by Antiphase Winding in Planar Trafo.pdf 621

2211 15/03/10 Litz-Wire Transformer Winding.pdf 506

2212 03/03/10 Minimizing Winding Losses.pdf 560

2213 28/10/07 Modeling of SMD Inductors for PCB.pdf 205

2214 03/03/10 PFC Choke Realization.pdf 574

2215 03/09/07 Winding Capacitance Cancellation.pdf 212

2216 18/01/10 Windings.pdf 652

**Bobinages et transfos\Circuits planar**

2218 18/01/10 AC Resistance of Planar Power Inductors.pdf 206

2219 07/03/10 Design of Planar Transformers.pdf 300

2220 03/03/10 Planar Integrated Magnetic Components.pdf 664

2221 07/03/10 Planar transformer optimization.pdf 558

2222 21/03/02 Quasi-Planar Winding Configuration.pdf 73

2223 15/03/10 Study of Planar Inductors.pdf 425

**Bobinages et transfos\Conception d'inductances ou transfos**

2225 03/12/15 AN469 Selecting best DC-DC inductors.pdf 134

2226 03/12/15 AN496 Ferrite or Powder Power Inductors.pdf 55

2227 03/12/15 AN627 Transformer Design Procedure.pdf 127

2228 04/02/10 Conception des bobinages.pdf 5620

2229 31/08/13 Designing Magnetic Components.pdf 1657

2230 10/01/13 Filter Inductor Design.pdf 113

2231 03/03/10 Magnetic Components Design PCIM\_2003.pdf 2316

2232 04/02/10 Magnetic design - Soft benchmark.pdf 10709

2233 18/01/10 Magnetics Design for SMPS - Basics.pdf 909

2234 16/03/10 Optimum Litz-Wire Transformer Winding.pdf 194

2235 18/01/10 Power Transformer Design.pdf 794

2236 22/01/15 Practical Design - Inductors &amp; Coupled Inductors.pdf 1288

2237 22/01/15 Practical Magnetic Design - Inductors.pdf 361

2238 16/08/12 Transformateurs et inductances.pdf 287



|      |  |  |      |
|------|--|--|------|
| 2239 | 04/02/10   | Trends in magnetic design.pdf                          | 126  |
| 2240 | 03/03/10   | Virtual Prototyping of Magnetic Components.pdf         | 2070 |
| 2241 | <b>Bobinages et transfos\Couplages entre bobinages</b>             |  |      |
| 2242 | 03/03/10   | Cross coupled secondaries model.pdf                    | 480  |
| 2243 | 26/02/03   | Cross Regulation with Coupled Inductors.pdf            | 210  |
| 2244 | 10/02/04   | Leakage Inductance in flyback converters.pdf           | 134  |
| 2245 | 14/04/15   | Modeling of Mutual Coupling between Inductors.pdf      | 706  |
| 2246 | 11/05/15   | Self-Capacitance of Coupled Toroidal Inductors.pdf     | 370  |
| 2247 | <b>Bobinages et transfos\Inductances de mode commun (MC)</b>       |  |      |
| 2248 | 03/12/15   | AN200 CM Filter Analysis.pdf                           | 208  |
| 2249 | 14/11/04   | CM & DM Analysis of CM Chokes.pdf                      | 153  |
| 2250 | 03/12/15   | Coilcraft hi-speed CM Chokes.pdf                       | 345  |
| 2251 | 25/02/04   | Commom mode choke.pdf                                  | 316  |
| 2252 | 26/09/10   | Modal Model of Common-Mode Chokes.pdf                  | 205  |
| 2253 | 27/02/13   | Right Design of a Common Mode Choke.pdf                | 117  |
| 2254 | 12/03/15   | Small-Signal Calculation of Common-Mode Choke.pdf      | 549  |
| 2255 | <b>Bobinages et transfos\Inductances de mode différentiel (MD)</b> |  |      |
| 2256 | 13/10/09   | Continuous Mode PFC Converters Windings.pdf            | 462  |
| 2257 | 04/02/10   | Inductors (Würth).pdf                                  | 3813 |
| 2258 | 18/01/10   | Magnetic design for SMPS - Inductor.pdf                | 1437 |
| 2259 | 04/02/10   | PFC boost inductor.pdf                                 | 171  |
| 2260 | 13/10/09   | Single Layer Iron Powder Core Inductor.pdf             | 603  |
| 2261 | 13/10/09   | Techniques for PFC Inductor.pdf                        | 573  |
| 2262 | <b>Bobinages et transfos\Inductances ou transfos HF - RF</b>       |  |      |
| 2263 | 14/02/12   | Ahmad - Comportement HF des transfos.pdf               | 4230 |
| 2264 | 03/12/15   | AN119 Testing Inductors at Application Frequencies.pdf | 77   |
| 2265 | 03/12/15   | AN1193 Broadband Chokes for Bias Tee.pdf               | 72   |
| 2266 | 19/01/10   | AN4140 Flyback Transformer Design.pdf                  | 234  |
| 2267 | 03/12/15   | AN470 Inductor in HF dc-dc converters.pdf              | 62   |
| 2268 | 03/12/15   | AN671 Selecting RF Inductors.pdf                       | 73   |
| 2269 | 03/12/15   | AN945 Inductors as RF Chokes.pdf                       | 104  |
| 2270 | 20/02/15   | Coilcraft - Inductors as RF Chokes.pdf                 | 101  |
| 2271 | 20/08/09   | DC Bias on the Power Transformer.pdf                   | 116  |
| 2272 | 05/03/10   | HF Effects in Transformer Windings.pdf                 | 517  |
| 2273 | 05/03/10   | HF Proximity effects in coils.pdf                      | 170  |

|      |   |   |      |
|------|---|---|------|
| 2274 | 16/03/10  | Multiple Winding Loss Calculation 2.pdf                   | 150  |
| 2275 | 18/12/04  | Toroids with Air Gaps.pdf                                 | 251  |
| 2276 | 18/12/06  | Transmission Line Transformers.pdf                        | 56   |
| 2277 | 26/09/10  | WBAN Transmission Coils at 10.8 MHz.pdf                   | 249  |
| 2278 | 02/01/11  | Winding Topology for Transformers.pdf                     | 369  |
| 2279 | <b>Bobinages et transfos\Isolateurs magnétiques</b>                 |   |      |
| 2280 | 29/12/15  | Integrated Coreless Signal Insulator.pdf                  | 194  |
| 2281 | 29/12/15  | Integrated coreless transformer for high temperatures.pdf | 500  |
| 2282 | <b>Bobinages et transfos\Matériaux magnétiques et bobinages</b>     |   |      |
| 2283 | 24/05/10  | Coils Using Iron Powder Cores.pdf                         | 79   |
| 2284 | 16/03/10  | Dimensional effect of ferrites ETD.pdf                    | 3523 |
| 2285 | 19/12/04  | Ferrites in Digital Electronics.pdf                       | 117  |
| 2286 | 03/03/10  | Micrometals Core Loss Model.pdf                           | 184  |
| 2287 | 01/10/12  | Nanocrystalline Core Material for CM Inductors.pdf        | 561  |
| 2288 | 03/03/10  | Single layer iron powder core inductor model.pdf          | 427  |
| 2289 | <b>Bobinages et transfos\Mesures et caractéristiques</b>            |   |      |
| 2290 | 03/12/15  | AN1226 Hipot Testing of Magnetic Components.pdf           | 67   |
| 2291 | 03/12/15  | AN1288 Selecting Current Sensors.pdf                      | 157  |
| 2292 | 03/12/15  | AN363 Measuring Self Resonant Frequency.pdf               | 91   |
| 2293 | 03/12/15  | AN486 Inductor losses.pdf                                 | 46   |
| 2294 | 03/12/15  | AN712 Inductor Voltage Ratings.pdf                        | 39   |
| 2295 | 27/08/08  | Eddy-current Magnetic Field.pdf                           | 219  |
| 2296 | 18/01/10  | Magnetic Core Characteristics.pdf                         | 632  |
| 2297 | 16/03/10  | Mesures magnétiques ... forte induction.pdf               | 43   |
| 2298 | <b>Bobinages et transfos\Modélisation de composants magnétiques</b> |   |      |
| 2299 | 03/12/15  | AN1077 Baluns and Impedance Matching.pdf                  | 126  |
| 2300 | 07/10/12  | CM Choke Coil for 3D Field Simulators.pdf                 | 131  |
| 2301 | 15/03/10  | Electrical Modelling of Magnetics.pdf                     | 131  |
| 2302 | 15/03/10  | HF Transformer Modelling.pdf                              | 310  |
| 2303 | 05/03/10  | Impedance Matrices for Eddy-Current Problems.pdf          | 141  |
| 2304 | 15/03/10  | Java Applets for FEM-Based Calculation.pdf                | 1243 |
| 2305 | 16/03/10  | Lumped Winding Model.pdf                                  | 460  |
| 2306 | 26/11/13  | Modelling Ferrite Common-Mode Filters.pdf                 | 968  |
| 2307 | 18/01/10  | Multiple-Winding Magnetics Model.pdf                      | 151  |
| 2308 | 12/01/10  | Simulations inductances.doc                               | 1474 |

|      |   |  |      |
|------|---|--|------|
| 2309 | 14/10/11  | Sinusoidally-Wound Toroidal Coils.pdf                    | 359  |
| 2310 | 03/12/15  | SPIICE Model - 0201DS.pdf                                | 61   |
| 2311 | 19/01/10  | Transformers by Lumped Element Circuits.pdf              | 539  |
| 2312 | 05/03/10  | Transformers Leakage-Impedance Model.pdf                 | 377  |
| 2313 | 05/02/15  | Winding Losses Estimation.pdf                            | 153  |
| 2314 | <b>Bobinages et transfos\Pertes - calculs et réduction</b>                      |  |      |
| 2315 | 24/02/03  | Automatic Core Loss Characterization.pdf                 | 130  |
| 2316 | 21/02/06  | Core Loss with Nonsinusoidal Waveforms.pdf               | 134  |
| 2317 | 16/03/10  | HF Gapped-Inductor Windings Losses.pdf                   | 123  |
| 2318 | 01/08/02  | Multiple Winding Loss Calculation.pdf                    | 84   |
| 2319 | 24/04/06  | Optimization of a flyback transformer.pdf                | 138  |
| 2320 | <b>Bobinages et transfos\Rayonnement des bobinages</b>                          |  |      |
| 2321 | 02/01/11  | Field-Containing Inductors.pdf                           | 324  |
| 2322 | 29/11/13  | H Field Generated by a Wireless Power Transfer (WPT).pdf | 408  |
| 2323 | 24/11/13  | Prediction of 3D-Near Field Coupling.pdf                 | 1427 |
| 2324 | 27/08/08  | Stray Cap of a Signal Transformer & H Field.pdf          | 140  |
| 2325 | <b>Bobinages et transfos\Thèse Robert modélisation transfos alims découpage</b> |  |      |
| 2326 | 05/09/06  | 01Sommaire_introduction.pdf                              | 257  |
| 2327 | 05/09/06  | 02Partie1.pdf  | 519  |
| 2328 | 05/09/06  | 03Partie2_1.pdf  | 849  |
| 2329 | 05/09/06  | 04Partie2_2.pdf  | 5519 |
| 2330 | 05/09/06  | 05Partie2_3.pdf  | 3230 |
| 2331 | 05/09/06  | 06Partie3.pdf  | 821  |
| 2332 | 05/09/06  | 08Annexes.pdf  | 145  |
| 2333 | <b>Bobinages et transfos\Transformateurs signal, puissance ou HT</b>            |  |      |
| 2334 | 16/03/10  | AC Resistance of Multilayer Transformer.pdf              | 81   |
| 2335 | 19/01/10  | Analysis of a pulse transformer.pdf                      | 202  |
| 2336 | 22/02/09  | High-Voltage Isolation Transformer.pdf                   | 161  |
| 2337 | 28/10/07  | HV Special-Isolation Transformer.pdf                     | 157  |
| 2338 | 03/03/10  | Leakage Inductances of a transformer.pdf                 | 696  |
| 2339 | 26/02/03  | Multiwinding Power Transformers.pdf                      | 88   |
| 2340 | 15/03/10  | Optimization of a Power Transformer??.pdf                | 120  |
| 2341 | 23/04/10  | Rapport de stage - Transformateurs.pdf                   | 2513 |
| 2342 | 22/12/14  | Testing Audio & Telecom transformers.pdf                 | 281  |
| 2343 | 04/01/10  | Transformer based Linear Technology.pdf                  | 939  |

|      |          |                                    |      |
|------|----------|------------------------------------|------|
| 2344 | 23/04/10 | Transitoires de transformateur.pdf | 3852 |
|------|----------|------------------------------------|------|

2345

2346 **Câbles nappes & goulottes**

2347

|      |   |   |      |
|------|---|---|------|
| 2348 | <b>Câbles, nappes, connecteurs &amp; goulottes\Absorbant pour câbles</b>      |   |      |
| 2349 | 07/10/12  | Absorbing Materials and Ferrite Cores on Cables.pdf     | 523  |
| 2350 | 15/02/11  | Cables with lossy material coating.pdf                  | 850  |
| 2351 | 26/09/10  | Effect of Semiconducting Layers.pdf                     | 186  |
| 2352 | 25/09/13  | Ferrites Installed Around Cable Conductors.pdf          | 580  |
| 2353 | 11/01/10  | Saturable Ferromagnetic Cable Shields.pdf               | 247  |
| 2354 | <b>Câbles, nappes, connecteurs &amp; goulottes\Cables en champ magnétique</b> |   |      |
| 2355 | 11/01/14  | H Field Reduction of Nonferrous Metal Shields.pdf       | 287  |
| 2356 | <b>Câbles, nappes, connecteurs &amp; goulottes\Cables RF</b>                  |   |      |
| 2357 | 26/10/08  | Antenna coax cable in a digital device.pdf              | 737  |
| 2358 | 07/05/09  | Câblage blindés et signaux CATV.pdf                     | 469  |
| 2359 | 26/10/09  | Gore Phase & Loss Stability and SE.pdf                  | 310  |
| 2360 | 22/10/08  | Predicted Ku-Band Attenuation.pdf                       | 127  |
| 2361 | 06/06/14  | RF Voltage Breakdown in Coaxial Cables.pdf              | 1989 |
| 2362 | <b>Câbles, nappes, connecteurs &amp; goulottes\Câbles armés</b>               |   |      |
| 2363 | 24/10/08  | Steel Armor in Buried Cables.pdf                        | 331  |
| 2364 | <b>Câbles, nappes, connecteurs &amp; goulottes\Câbles ... haute tension</b>   |   |      |
| 2365 | 28/02/11  | High Voltage Cable Transfer Impedance.pdf               | 613  |
| 2366 | <b>Câbles, nappes, connecteurs &amp; goulottes\Câbles enterrés</b>            |   |      |
| 2367 | 09/12/07  | Buried Cables & Follow-On Earth Wire.pdf                | 147  |
| 2368 | 26/02/16  | Image Model of a Buried Horizontal Wire.pdf             | 609  |
| 2369 | 23/12/15  | Limits of Quasi-TEM Approximation for Buried Cables.pdf | 339  |
| 2370 | <b>Câbles, nappes, connecteurs &amp; goulottes\Câbles pour réseaux locaux</b> |   |      |
| 2371 | 18/08/06  | Art & Science of RS-485.pdf                             | 72   |
| 2372 | 06/10/06  | Category 6 SL_System.pdf                                | 268  |
| 2373 | 06/10/06  | Category 6 UTP System.pdf                               | 260  |
| 2374 | 25/08/07  | Category 7 Definition.pdf                               | 488  |
| 2375 | 07/05/09  | Copper Cables beyond Category 5.pdf                     | 157  |
| 2376 | 04/09/07  | Harmonized Cables Identification.pdf                    | 199  |
| 2377 | 07/10/06  | High-Speed Duplex Copper cable.pdf                      | 628  |
| 2378 | 01/11/06  | Normalisation Ethernet.pdf                              | 83   |

|      |  |  |      |
|------|--|--|------|
| 2379 | 16/02/08   | STP vs UTP.pdf                                   | 396  |
| 2380 | 04/12/10   | Telecommunication Cables using IEC 96-1 Line.pdf | 347  |
| 2381 | 04/01/11   | The_case for UTP 10GBASE-T.pdf                   | 465  |
| 2382 | 25/05/06   | TYCO AMP 100 UTP Cat6-2005.pdf                   | 328  |
| 2383 | 15/06/05   | UTP-STP Radiated Emissions.pdf                   | 1527 |
| 2384 | <b>Câbles, nappes, connecteurs &amp; goulottes\Câbles spéciaux</b> |  |      |
| 2385 | 07/05/15   | Câbles cuivre pour haut débit - Thèse Roblot.pdf | 2460 |
| 2386 | 06/09/05   | Leaky Cables for Wireless.pdf                    | 224  |
| 2387 | 15/08/06   | Pressure Transducer.pdf                          | 124  |
| 2388 | 11/01/10   | Pyrotenax Cables IR452.pdf                       | 102  |
| 2389 | 17/04/15   | Role of Drain Wire in Foil Cable Shields.pdf     | 347  |
| 2390 | <b>Câbles, nappes, connecteurs &amp; goulottes\Choix de câbles</b> |  |      |
| 2391 | 03/12/15   | Cable anatomy.pdf                                | 124  |
| 2392 | 03/12/15   | Cable Signal Problems.pdf                        | 19   |
| 2393 | <b>Câbles, nappes, connecteurs &amp; goulottes\Connecteurs</b>     |  |      |
| 2394 | 01/11/08   | 59-71 P1-I1_93 Crimped Connectors.pdf            | 414  |
| 2395 | 06/10/06   | AMP NETCONNECT Guide.pdf                         | 421  |
| 2396 | 04/06/15   | BCI Testing of Cable Noise Reduction.pdf         | 492  |
| 2397 | 17/10/12   | Coaxial Cables and Connectors Uncertainty.pdf    | 1322 |
| 2398 | 01/01/07   | Coaxial Connector Contact Failure.pdf            | 1028 |
| 2399 | 17/01/04   | Connecteurs industriels.pdf                      | 229  |
| 2400 | 20/08/09   | Connector Contact Points Number.pdf              | 191  |
| 2401 | 29/10/08   | Connectors & CM Radiation.pdf                    | 363  |
| 2402 | 29/01/13   | Contaminant-Induced Faults in Connectors.pdf     | 1056 |
| 2403 | 13/10/14   | Coupling Between DVI and HDMI Connectors.pdf     | 824  |
| 2404 | 13/10/14   | Crosstalk Within a Connector Shell.pdf           | 362  |
| 2405 | 21/08/15   | EMI Coupling in a Board-to-Board Connector.pdf   | 630  |
| 2406 | 31/12/06   | Extended Stub At Connector Ports.pdf             | 689  |
| 2407 | 07/04/07   | Filter Connectors part 1.pdf                     | 292  |
| 2408 | 07/04/07   | Filter Connectors part 2.pdf                     | 1097 |
| 2409 | 11/09/05   | High-speed Cable-Connector.pdf                   | 129  |
| 2410 | 19/02/02   | Hi-speed connections.pdf                         | 192  |
| 2411 | 26/02/09   | Inter-PCB Connectors.pdf                         | 201  |
| 2412 | 23/12/07   | Model of Board to FPC Interconnect.pdf           | 238  |
| 2413 | 22/02/11   | Modeling Connector Contact Condition.pdf         | 241  |

|      |  |   |      |
|------|--|---|------|
| 2414 | 20/05/08   | Multifilar Connectors in EMC.pdf                                | 461  |
| 2415 | 25/11/07   | PCB & Board-to-Cable Shielding.pdf                              | 302  |
| 2416 | 30/12/06   | PCB & Cable Connector End Effects.pdf                           | 104  |
| 2417 | 19/02/02   | PCB connectors.pdf  | 215  |
| 2418 | 21/08/15   | Physics From Edge-Coupled Signal Connectors.pdf                 | 500  |
| 2419 | 26/08/07   | Précablage RJ45 Cat.6.pdf                                       | 262  |
| 2420 | 14/04/15   | R&S Connector Care Presentation.pdf                             | 2025 |
| 2421 | 07/10/14   | Radiation at High-Density PCB-Connector Interfaces.pdf          | 977  |
| 2422 | 13/10/14   | Radiation from High-Density Connectors.pdf                      | 357  |
| 2423 | 21/11/14   | Radiation from Multi-PCB with High Speed Connectors.pdf         | 3139 |
| 2424 | 19/02/02   | Radiation of connectors.pdf                                     | 157  |
| 2425 | 06/04/15   | RF Connector Guide.pdf  | 132  |
| 2426 | 07/10/06   | S.E. of Cables & Connectors.pdf                                 | 1600 |
| 2427 | 30/12/05   | SBCA F Connector.pdf  | 196  |
| 2428 | 26/08/06   | SCSI Connector & Cable Modeling.pdf                             | 1242 |
| 2429 | 28/02/09   | SE of a Coaxial Cable Isolator.pdf                              | 134  |
| 2430 | 11/04/07   | SE of Cables & Connectors.pdf                                   | 114  |
| 2431 | 03/07/09   | Shielded Connectors & Zt.pdf                                    | 469  |
| 2432 | 12/01/14   | Shielded Power Cable Connectors.pdf                             | 117  |
| 2433 | 16/10/14   | Switching regulator noise coupling to connector.pdf             | 1003 |
| 2434 | 04/06/15   | TEM Cell Testing of Cable Noise.pdf                             | 187  |
| 2435 | 31/10/11   | TEM-cell & BCI for Cable-Connector.pdf                          | 793  |
| 2436 | 25/11/07   | Transfer Impedance of Connectors.pdf                            | 175  |
| 2437 | 24/07/15   | Transmission Speeds for RJ45 Jack Connectors.pdf                | 516  |
| 2438 | 20/08/15   | Worst-Case Estimation of Crosstalk Inside a Cable Connector.pdf | 367  |
| 2439 | 13/11/07   | Zt & Transfer Admittance with 3D Cell.pdf                       | 176  |
| 2440 | 03/07/09   | Zt of Common Cables and Connectors.pdf                          | 1236 |
| 2441 | 03/07/09   | Zt of DB-25 subminiature connectors.pdf                         | 397  |
| 2442 | 03/07/09   | Zt of Multi-Pin Micro-D Connectors.pdf                          | 553  |
| 2443 | 03/07/09   | Zt of Multipins Backplane Connectors.pdf                        | 295  |
| 2444 | 03/07/09   | Zt with Line Injection Method.pdf                               | 500  |
| 2445 | <b>Câbles, nappes, connecteurs &amp; goulottes\Diaphonie dans les câbles</b> |   |      |
| 2446 | 18/06/05   | Brevet diaphonie.pdf  | 188  |
| 2447 | 18/06/05   | Calcul de diaphonie.pdf   | 149  |
| 2448 | 18/06/05   | Controlling crosstalk.pdf                                       | 387  |

|      |   |  |      |
|------|---|--|------|
| 2449 | 18/06/05  | Crosstalk & echo reduction.pdf                     | 224  |
| 2450 | 19/06/05  | Crosstalk & SPICE.pdf                              | 200  |
| 2451 | 18/06/05  | Eliminer la diaphonie.pdf                          | 212  |
| 2452 | 13/11/04  | Interference in UTP.pdf                            | 181  |
| 2453 | 18/06/05  | Réduction de diaphonie.pdf                         | 313  |
| 2454 | 18/06/05  | Reduction of Crosstalk & Echo.pdf                  | 314  |
| 2455 | 13/11/04  | Twist Non-Uniformity & Crosstalk.pdf               | 174  |
| 2456 | <b>Câbles, nappes, connecteurs &amp; goulottes\Emission rayonnée des câbles</b> |  |      |
| 2457 | 20/12/04  | 3-Conductor with Long Feeders.pdf                  | 159  |
| 2458 | 25/02/04  | Cable partial shielding.pdf                        | 129  |
| 2459 | 04/12/04  | Controlling Cable Radiations.pdf                   | 278  |
| 2460 | 07/03/04  | EM Multi-Wire Near Fields.pdf                      | 259  |
| 2461 | 27/02/04  | EMI reduction interconnect.pdf                     | 290  |
| 2462 | 19/08/05  | Emission des câbles.pdf                            | 139  |
| 2463 | <b>Câbles, nappes, connecteurs &amp; goulottes\Flex et nappes</b>               |  |      |
| 2464 | 12/09/02  | Flexible Microstrip PCB.pdf                        | 213  |
| 2465 | 19/11/13  | Immunity of Flex Cable with Ground Plane.pdf       | 602  |
| 2466 | 27/02/13  | Ribbon Cable-Induced Transient Coupling.pdf        | 249  |
| 2467 | <b>Câbles, nappes, connecteurs &amp; goulottes\Impédance des conducteurs</b>    |  |      |
| 2468 | 04/03/13  | Internal impedance of Cylindrical Conductors-1.pdf | 417  |
| 2469 | 31/12/14  | Internal Impedance of Cylindrical Conductors-2.pdf | 159  |
| 2470 | 13/04/15  | Temperature and humidity on high speed cables.pdf  | 681  |
| 2471 | <b>Câbles, nappes, connecteurs &amp; goulottes\Mesures sur câble</b>            |  |      |
| 2472 | 02/09/08  | Cable Shield Tester.pdf                            | 85   |
| 2473 | 31/10/07  | Cable Shielding Measurement.pdf                    | 130  |
| 2474 | 15/06/05  | Cable shielding sniffer.pdf                        | 237  |
| 2475 | 11/01/08  | Cable Shielding Test Methods.pdf                   | 247  |
| 2476 | 29/11/04  | Cables in Reverberant Chamber.pdf                  | 391  |
| 2477 | 12/09/10  | Commonly Used Cables and Connectors.pdf            | 1025 |
| 2478 | 08/03/04  | Defect Localization in Shielded Cable.pdf          | 158  |
| 2479 | 14/11/04  | Localization of Shield Defects.pdf                 | 158  |
| 2480 | 06/10/06  | Measured and Simulated Transfer Z.pdf              | 131  |
| 2481 | 17/04/15  | Mesure de Zt.pdf                                   | 764  |
| 2482 | 07/10/06  | S.E. Simple Measuring Method.pdf                   | 328  |
| 2483 | 05/10/06  | SE of coax in SMRC & GTEM Cell.pdf                 | 128  |

|      |   |   |      |
|------|---|---|------|
| 2484 | 11/01/08  | SE Performance of Cable Assemblies.pdf                              | 405  |
| 2485 | 01/03/09  | Surface Transfer Z Measurement.pdf                                  | 243  |
| 2486 | 08/10/06  | Surface Zt & SE in S.M. Chamber.pdf                                 | 125  |
| 2487 | 16/12/07  | Transfer Impedance and Admittance.pdf                               | 176  |
| 2488 | 08/09/05  | Transfer Impedance Measurement.pdf                                  | 173  |
| 2489 | 26/03/07  | Transfer Impedance Measurements.pdf                                 | 254  |
| 2490 | 07/10/06  | Tube in tube test procedure.pdf                                     | 555  |
| 2491 | 25/11/07  | Zt and Current Probe.pdf  | 243  |
| 2492 | 03/03/09  | Zt of Shields Using a Triaxial Cell.pdf                             | 204  |
| 2493 | <b>Câbles, nappes, connecteurs &amp; goulottes\Modèles de câbles &amp; simulation</b> |   |      |
| 2494 | 20/10/15  | Delay-Rational Model of Lossy Multiconductor Transmission Lines.pdf | 302  |
| 2495 | 11/01/10  | Different Coaxial Cables Architecture.pdf                           | 376  |
| 2496 | 19/06/15  | FDTD for Coaxial Cables Surge Simulations.pdf                       | 705  |
| 2497 | 20/10/15  | Field-to-Wire Model for the CM in Bundles.pdf                       | 335  |
| 2498 | 18/12/04  | Lossy Shielded Cables.pdf   | 344  |
| 2499 | 11/10/13  | Modeling a Complex Cable System.pdf                                 | 3653 |
| 2500 | 13/10/14  | MTL Modeling of Spacecraft Harness.pdf                              | 466  |
| 2501 | 26/02/16  | Radiated Susceptibility in Coaxial Shielded Cables.pdf              | 184  |
| 2502 | 18/06/05  | SPICE LINE 2.23.pdf   | 254  |
| 2503 | 17/04/15  | SPICE Models of Shielded Coaxial Cables.pdf                         | 296  |
| 2504 | 30/03/10  | Time-Domain Multiconductor TLM Simulator.pdf                        | 589  |
| 2505 | <b>Câbles, nappes, connecteurs &amp; goulottes\Multiconducteurs et torons</b>         |   |      |
| 2506 | 24/10/08  | 2-Wire Lines in Multiconductor Cable.pdf                            | 117  |
| 2507 | 13/01/10  | Coupling on Multiconductor Cables.pdf                               | 556  |
| 2508 | 23/04/13  | EMI Analysis of Multiconductor Transmission Line.pdf                | 734  |
| 2509 | 03/09/07  | Field Coupling to Multiconductor Lines.pdf                          | 344  |
| 2510 | 31/08/07  | Hand-Assembled Bundle Modeling.pdf                                  | 508  |
| 2511 | 15/02/13  | Induced Disturbances on Multiconductor Lines.pdf                    | 364  |
| 2512 | 05/06/11  | Multiconductor Lines Excited by an EMF.pdf                          | 750  |
| 2513 | 26/12/08  | Multiconductor Transmission Lines.pdf                               | 254  |
| 2514 | 03/01/11  | Multiconductor Transmission-Line Parameters.pdf                     | 256  |
| 2515 | 14/11/04  | Multi-Wire Conductors Scattering.pdf                                | 224  |
| 2516 | 11/01/10  | Multiwire Shielded Cable Parameters.pdf                             | 269  |
| 2517 | 05/10/12  | Shielded multiconductor transmission lines.pdf                      | 189  |
| 2518 | 05/06/11  | Stochastic Analysis of Multiconductor Cables.pdf                    | 276  |



|      |   |  |      |
|------|---|--|------|
| 2519 | <b>Câbles, nappes, connecteurs &amp; goulottes\Normes de câbles</b>         |  |      |
| 2520 | 06/10/06  | 10GBASE-T.pdf  | 427  |
| 2521 | 05/01/03  | 802.3 (10GBASE-T) Cables.pdf                                     | 93   |
| 2522 | 16/09/06  | ACIF C559-2005 Cable Compatibility.pdf                           | 315  |
| 2523 | 26/08/07  | Cabling Standards Cat. 6.pdf                                     | 140  |
| 2524 | 27/09/06  | IEC 15018 {v1.0}E04 Cabling for homes.pdf                        | 469  |
| 2525 | 06/10/06  | IEEE 802.3 on 10G Developments.pdf                               | 177  |
| 2526 | 06/10/06  | ISO-IEC CENELEC & TIA Cabling Standards.pdf                      | 75   |
| 2527 | 06/10/06  | La vraie Catégorie 6.pdf   | 441  |
| 2528 | 30/01/06  | Normes & Conventions.pdf   | 710  |
| 2529 | 09/08/05  | WCTH Cable Standards.pdf   | 215  |
| 2530 | <b>Câbles, nappes, connecteurs &amp; goulottes\Paires torsadées</b>         |  |      |
| 2531 | 04/01/11  | EM Coupling of Twisted Pair Cables.pdf                           | 244  |
| 2532 | 24/09/13  | EMF Coupling to an Unshielded Twisted Pair.pdf                   | 236  |
| 2533 | 04/03/13  | Non-Uniformity on Immunity of Twisted Pairs.pdf                  | 926  |
| 2534 | 05/06/11  | Plane-Wave Coupling to a Twisted-Wire Pair.pdf                   | 1000 |
| 2535 | 25/11/13  | Radiated Immunity of Twisted-Wire Pairs.pdf                      | 4477 |
| 2536 | 31/08/07  | Twisted-Wire Pair & EM Plane Wave.pdf                            | 223  |
| 2537 | 15/02/13  | Twisted-Wire Pairs Above Ground.pdf                              | 310  |
| 2538 | 19/11/13  | Twisted-Wire Pairs With Random Nonuniform Twisting.pdf           | 466  |
| 2539 | <b>Câbles, nappes, connecteurs &amp; goulottes\Pince de couplage</b>        |  |      |
| 2540 | 22/10/10  | CCC01 IEC 96-1 Assembly.pdf                                      | 66   |
| 2541 | <b>Câbles, nappes, connecteurs &amp; goulottes\Propagation en MC</b>        |  |      |
| 2542 | 05/06/11  | Cable Tray Connections for EMI Mitigation.pdf                    | 464  |
| 2543 | 18/12/12  | CM Propagation in a Cable Tray.pdf                               | 124  |
| 2544 | 18/12/12  | Propagation en MC dans CdC.pdf                                   | 127  |
| 2545 | 23/12/15  | Sine and Cosine Hyperbolic Functions for Multiconductor Line.pdf | 402  |
| 2546 | <b>Câbles, nappes, connecteurs &amp; goulottes\Spécifications de câbles</b> |  |      |
| 2547 | 10/03/07  | CT-f1-rgcable.pdf  | 95   |
| 2548 | 10/03/07  | RG spec M17-MIL C 17.pdf   | 161  |
| 2549 | <b>Câbles, nappes, connecteurs &amp; goulottes\Surblindages et CdC</b>      |  |      |
| 2550 | 31/08/07  | Cable Trays in EMC to 30 MHz.pdf                                 | 290  |
| 2551 | 15/12/06  | Cables & PCBs in Metallic Structures.pdf                         | 208  |
| 2552 | 05/09/05  | Catalogue CES-AEMC 2004 FR.pdf                                   | 528  |
| 2553 | 20/03/06  | Chemins de câbles ETECH.pdf                                      | 902  |

|      |  |   |      |
|------|--|---|------|
| 2554 | 13/08/10   | Glenair MIL-PRF 24758 Conduit Zt.pdf                    | 213  |
| 2555 | 25/11/06   | Normes chemins de câbles.pdf                            | 1353 |
| 2556 | 03/01/11   | Protection of Cables by Open-Metal Conduits.pdf         | 613  |
| 2557 | 13/08/10   | SE of a Belden 8669 Overbraid.pdf                       | 73   |
| 2558 | 28/10/07   | Transfer Impedance of Conduits.pdf                      | 306  |
| 2559 | <b>Câbles, nappes, connecteurs &amp; goulottes\Symétrie des câbles</b>                   |   |      |
| 2560 | 12/11/04   | Mains Longitudinal Conversion Loss.pdf                  | 368  |
| 2561 | <b>Câbles, nappes, connecteurs &amp; goulottes\Tenue au feu</b>                          |   |      |
| 2562 | 09/09/07   | Cable Fire Hazard.pdf                                   | 741  |
| 2563 | 09/09/07   | Proposal for Cable Fire Testing.pdf                     | 522  |
| 2564 | <b>Câbles, nappes, connecteurs &amp; goulottes\Terminaisons et mise en oeuvre</b>        |   |      |
| 2565 | 14/08/06   | Allen-Bradley Wiring Guidelines.pdf                     | 974  |
| 2566 | 13/09/06   | Australian Customer Cabling.pdf                         | 826  |
| 2567 | 28/01/07   | Bonding cable shields.pdf                               | 1102 |
| 2568 | 18/07/07   | Guide précâblage.pdf                                    | 401  |
| 2569 | 30/01/06   | Guide technique vdi-cablage.pdf                         | 412  |
| 2570 | 10/04/07   | Industrial Cabling.pdf                                  | 886  |
| 2571 | 29/06/09   | NJUG Third Party Cable Ducting.pdf                      | 266  |
| 2572 | 15/02/02   | Pigtail effect.pdf                                      | 143  |
| 2573 | 21/11/14   | Proper Cable Construction and Shielding Termination.pdf | 2083 |
| 2574 | 11/09/06   | S009 2006 Customer Cabling.pdf                          | 828  |
| 2575 | 18/08/09   | Shield Termination with TEM Cell and BCI.pdf            | 413  |
| 2576 | 07/09/05   | The Pin 1 Problem.pdf                                   | 621  |
| 2577 | 30/08/07   | Unused Pairs in Shielded Cables.pdf                     | 241  |
| 2578 | <b>Câbles, nappes, connecteurs &amp; goulottes\Transitoires dans les câbles</b>          |   |      |
| 2579 | 19/08/09   | Cable Non Sinusoidal Signal Delay.pdf                   | 276  |
| 2580 | 12/01/10   | Cable-Cable Induced Transient Into Enclosures.pdf       | 247  |
| 2581 | 21/03/04   | Générateur de bruit impulsif.pdf                        | 74   |
| 2582 | 12/11/04   | Grounding Grids CM Voltage.pdf                          | 137  |
| 2583 | 10/12/07   | Interference in SFTP Due to ESD.pdf                     | 479  |
| 2584 | 12/01/10   | Low-Voltage Cables in Substations.pdf                   | 384  |
| 2585 | 03/09/07   | Transient of Lossy Shielded Cables.pdf                  | 326  |
| 2586 | <b>Câbles, nappes, connecteurs &amp; goulottes\Tresses, surblindages et modélisation</b> |   |      |
| 2587 | 17/04/15   | Analytical Model for Braided Cable Shields.pdf          | 216  |
| 2588 | 13/08/10   | Braid Surface Transfer Impedance.pdf                    | 306  |

|      |   |   |      |
|------|---|---|------|
| 2589 | 28/10/07  | Coaxial Braided Cable Shields.pdf                             | 357  |
| 2590 | 20/08/15  | Overall Transfer Impedance of Shielded Spacecraft Harness.pdf | 931  |
| 2591 | <b>Câbles, nappes, connecteurs &amp; goulottes\Triboélectricité des câbles</b>      |   |      |
| 2592 | 14/03/15  | Hi-Fi and Low Microphonic Cables.pdf                          | 63   |
| 2593 | 03/12/15  | Low Noise Cables.pdf  | 115  |
| 2594 | 03/12/15  | Low Noise Coaxial Cables.pdf                                  | 630  |
| 2595 | 26/09/14  | Microphonic triboelectric effect of cables.pdf                | 699  |
| 2596 | 14/03/15  | Piezo-Cable.pdf   | 172  |
| 2597 | 26/09/14  | Solving Signal Problems.pdf                                   | 19   |
| 2598 | 04/10/14  | Strain gauge microphony effect.pdf                            | 72   |
| 2599 | 26/09/14  | Understanding Instrument Cables.pdf                           | 125  |
| 2600 | <b>Câbles, nappes, connecteurs &amp; goulottes\Zt et théorie des câbles blindés</b> |   |      |
| 2601 | 28/07/07  | BBC126-Coaxial Cables.pdf                                     | 345  |
| 2602 | 27/11/15  | Blindages électromagnétiques.pdf                              | 243  |
| 2603 | 24/06/03  | Braided coax cable Zt & Admittance.pdf                        | 81   |
| 2604 | 24/07/12  | Cable Shield Reduction Factor - Mardiguian.pdf                | 697  |
| 2605 | 30/12/06  | Cable Shielding Versus Unshielded.pdf                         | 651  |
| 2606 | 04/12/10  | Caractérisation des câbles coaxiaux.pdf                       | 422  |
| 2607 | 11/01/10  | COAXIAL CABLE - The Neglected Link.pdf                        | 435  |
| 2608 | 12/11/04  | Coaxial Cables Immunity Analysis.pdf                          | 568  |
| 2609 | 26/08/07  | Comparison shielded-unshielded.pdf                            | 218  |
| 2610 | 19/06/05  | Cylindrical screen basics.pdf                                 | 314  |
| 2611 | 19/06/05  | Cylindrical screen corrections.pdf                            | 53   |
| 2612 | 19/06/05  | Cylindrical screen.pdf  | 337  |
| 2613 | 19/06/05  | Cylindrical screens.pdf                                       | 244  |
| 2614 | 11/01/08  | Design of Shielded Cable Assemblies.pdf                       | 117  |
| 2615 | 09/09/05  | Double-Shielded Power Cables.pdf                              | 165  |
| 2616 | 17/08/11  | EMP Coupling through Cable Shields.pdf                        | 1300 |
| 2617 | 13/05/14  | Mardiguian_DD12 Cable shielding factor vs Zt.pdf              | 657  |
| 2618 | 27/11/15  | Paramètres de Transfert des Câbles Multifilaires Blindés.pdf  | 147  |
| 2619 | 17/04/15  | RF cables, twisted pair and crosstalk.pdf                     | 402  |
| 2620 | 05/10/06  | SCREENING & BALANCE of Cables.pdf                             | 143  |
| 2621 | 25/02/04  | Shielded cable impedance.pdf                                  | 150  |
| 2622 | 17/04/15  | Shielding Theory of Coaxial Cylindrical Structures.pdf        | 1418 |
| 2623 | 30/03/10  | Susceptibility of Shielded Coaxial Cables.pdf                 | 292  |

|      |          |   |      |
|------|----------|---|------|
| 2624 | 19/10/08 | Théorie Zt.pdf  | 217  |
| 2625 | 27/11/15 | These Broyde - Câbles blindés.pdf                         | 2664 |
| 2626 | 29/07/15 | Things You May Not Have Heard About Shielding.pdf         | 666  |
| 2627 | 29/10/11 | Transfer Impedance and Cable SE.pdf                       | 754  |
| 2628 | 04/12/10 | Transfer impedance and shielding effectiveness.pdf        | 1113 |
| 2629 | 09/09/05 | Transfer Impedance at HF.pdf                              | 344  |
| 2630 | 02/03/09 | Transfer Impedance of Coaxial Leads.pdf                   | 100  |
| 2631 | 19/06/15 | Transfer Impedance of Two-Layer Braided Cable Shields.pdf | 174  |
| 2632 | 30/01/06 | Zt cables blindes.pdf                                     | 810  |
| 2633 | 02/11/10 | Zt of Shielded Twisted Pairs - Mardiguian.pdf             | 951  |

2634

2635 **Chambres réverbérantes - CRBM**

2636

2637 **Chambres réverbérantes - CRBM\Antennes en CRBM**

|      |          |   |      |
|------|----------|---|------|
| 2638 | 19/08/09 | Analysis of antenna behavior in a RC.pdf            | 1137 |
| 2639 | 15/02/11 | Antenna Efficiency Measurement in RC.pdf            | 230  |
| 2640 | 09/10/12 | Antenna Efficiency Measurements in a RC.pdf         | 523  |
| 2641 | 17/10/12 | Antenna Models in RC.pdf                            | 1065 |
| 2642 | 13/03/12 | Antenna Power in Transmit or Receive Mode in RC.pdf | 427  |
| 2643 | 31/08/07 | Antennas in RC.pdf                                  | 592  |
| 2644 | 11/01/08 | Enhanced Backscatter in a RC.pdf                    | 281  |
| 2645 | 15/02/11 | Improved Model for Antennas in RC.pdf               | 108  |
| 2646 | 25/02/04 | Pseudo-isotropic source.pdf                         | 98   |
| 2647 | 10/12/07 | Reactively Loaded Antennas in RC.pdf                | 214  |
| 2648 | 27/02/13 | Statistical estimation of antenna gain in MSRC.pdf  | 199  |
| 2649 | 09/10/12 | Total and Radiation Efficiency of an Antenna.pdf    | 127  |

2650 **Chambres réverbérantes - CRBM\Blindage (SE) en CRBM**

|      |          |  |      |
|------|----------|--|------|
| 2651 | 07/10/08 | Cable EMI Shielding using a RC.pdf               | 252  |
| 2652 | 24/02/11 | Conductive Fabric's SE in a MSRC.pdf             | 511  |
| 2653 | 15/02/11 | Conductive Fabric's SE Measurement in a RC.pdf   | 456  |
| 2654 | 29/10/08 | Enclosure Shielding Properties in a RC.pdf       | 1221 |
| 2655 | 10/01/11 | Low Order RC for SE Measurements.pdf             | 232  |
| 2656 | 12/09/10 | Measurement of SE by Mode-Stirred Techniques.pdf | 479  |
| 2657 | 10/03/11 | Microwave Propagation in Complex Cavities.pdf    | 176  |
| 2658 | 14/10/12 | Partially Shielded Wire Within an Ideal RC.pdf   | 178  |

|      |  |  |      |
|------|--|--|------|
| 2659 | 24/06/03   | Reverberant chambers use.pdf                           | 401  |
| 2660 | 11/01/08   | SE in a Nested Reverberation Chamber.pdf               | 240  |
| 2661 | 28/10/07   | SE in Nested Reverberation Chamber.pdf                 | 218  |
| 2662 | 03/09/07   | SE in RC versus Anechoic Chamber.pdf                   | 209  |
| 2663 | 12/09/10   | SE Measurements Using Mode-Stirred Chambers.pdf        | 871  |
| 2664 | 06/07/08   | SE of a Coaxial Cable in a RC.pdf                      | 418  |
| 2665 | 12/01/10   | SE of a Wire Mesh Screen in RC.pdf                     | 503  |
| 2666 | 25/12/08   | SE of Enclosures and Cavities in RC.pdf                | 315  |
| 2667 | 25/12/08   | SE of Nonreciprocal Samples in RC.pdf                  | 124  |
| 2668 | 09/01/08   | SE of PCB-level Enclosures using a RC.pdf              | 284  |
| 2669 | 09/01/08   | SE of Small Enclosures in a RC.pdf                     | 515  |
| 2670 | 29/08/11   | SE of Small Enclosures Using a RC.pdf                  | 534  |
| 2671 | 23/04/13   | SE of Sparsely Moded Enclosures in a RC.pdf            | 612  |
| 2672 | 09/04/07   | Surface Zt & SE in S.M. Chamber.pdf                    | 114  |
| 2673 | <b>Chambres réverbérantes - CRBM\Cavités (sans brasseur)</b>               |  |      |
| 2674 | 26/09/10   | 2-D Transverse Magnetic Reverberation Chamber.pdf      | 292  |
| 2675 | 09/10/14   | Dependence of RC Performance on Distributed Losses.pdf | 2725 |
| 2676 | 24/08/09   | EM Characterization of Environments using RC.pdf       | 598  |
| 2677 | 26/09/10   | Extreme-Value Distributions in a RC.pdf                | 315  |
| 2678 | 16/04/15   | Maximum Expected Field Strength in Enclosures.pdf      | 278  |
| 2679 | 12/01/11   | Maximum Levels Inside an EM Shielded Cavity.pdf        | 101  |
| 2680 | 11/01/10   | Mode Counting in Simple Cavities.pdf                   | 211  |
| 2681 | 02/07/09   | Reverberation Field Penetration.pdf                    | 479  |
| 2682 | 03/09/07   | Undermoded Reverberation Chamber.pdf                   | 121  |
| 2683 | 29/11/13   | Unstirred Energy in a RC.pdf                           | 811  |
| 2684 | 19/08/09   | Unstirred Frequencies in RCs.pdf                       | 246  |
| 2685 | <b>Chambres réverbérantes - CRBM\Comparaisons - validation - calibrage</b> |  |      |
| 2686 | 21/08/09   | Calibration of a Numerically Modeled RC.pdf            | 110  |
| 2687 | 25/02/04   | Chamber compliance.pdf                                 | 632  |
| 2688 | 27/04/06   | Choix d'une chambre réverbérante.pdf                   | 278  |
| 2689 | 31/12/06   | Correlation of Radiated RF Immunity.pdf                | 207  |
| 2690 | 25/02/09   | Coupling in Anechoic and RC.pdf                        | 386  |
| 2691 | 09/10/12   | Enhanced Backscatter Coefficient.pdf                   | 803  |
| 2692 | 02/12/04   | Field Equivalence.pdf                                  | 320  |
| 2693 | 06/09/05   | Fields in Mode-Stirred Chambers.pdf                    | 354  |

|      |  |   |      |
|------|--|---|------|
| 2694 | 23/12/15   | Impedance Mismatch on the Measurement Uncertainty in RC.pdf | 159  |
| 2695 | 11/09/05   | Microwave Oven & RC.pdf                                     | 118  |
| 2696 | 04/06/15   | MSRC EMC Testing Studies.pdf                                | 1225 |
| 2697 | 16/11/05   | NASA-HIRF Mode-Stirred vs Anechoic.pdf                      | 445  |
| 2698 | 27/02/13   | Old wall stirring method for RCs.pdf                        | 301  |
| 2699 | 10/04/15   | Rationale for RC Testing 2014.pdf                           | 2121 |
| 2700 | 12/07/12   | RC Measurement Correlation.pdf                              | 354  |
| 2701 | 04/06/15   | RC Uniformity Validation.pdf                                | 598  |
| 2702 | 17/06/06   | Reverb Chamber Calibration.pdf                              | 371  |
| 2703 | 11/01/08   | Reverberation chamber calibration.pdf                       | 186  |
| 2704 | 17/06/06   | Reverberation Chamber Correlation.pdf                       | 108  |
| 2705 | 17/06/06   | Reverberation Chamber Validation.pdf                        | 3915 |
| 2706 | 17/06/06   | Reverberation Chamber Verification.pdf                      | 5169 |
| 2707 | 29/09/07   | RTCA RC Calibration.pdf                                     | 277  |
| 2708 | 03/12/04   | RTCA-DO-160D.pdf  | 370  |
| 2709 | 02/09/07   | Samples Differences in RC.pdf                               | 112  |
| 2710 | 28/06/14   | Statistical Isotropy of a RC's Plane-Wave Spectrum.pdf      | 726  |
| 2711 | 04/10/11   | Statistical Parameter Options on RC.pdf                     | 238  |
| 2712 | 20/08/09   | Stirred and Unstirred Components in RC.pdf                  | 148  |
| 2713 | 11/01/08   | Test Reproducibility of RC Calibration.pdf                  | 252  |
| 2714 | 10/12/07   | TLM Mode-Stirred RC Validation.pdf                          | 396  |
| 2715 | 12/03/15   | Validation of a M-S RC at Millimeter Waves.pdf              | 452  |
| 2716 | <b>Chambres réverbérantes - CRBM\Conception ou optimisation d'une CRBM</b> |   |      |
| 2717 | 18/11/13   | 2 stirrers chamber.pdf                                      | 2551 |
| 2718 | 26/02/04   | Air Gap Effect.pdf  | 182  |
| 2719 | 13/12/06   | Alternative Stirring Methods.pdf                            | 403  |
| 2720 | 09/10/12   | Analysis of a Carousel Stirrer for RC.pdf                   | 909  |
| 2721 | 18/11/13   | Carousel Stirrer Efficiency Evaluation.pdf                  | 317  |
| 2722 | 05/12/04   | Chamber and Tuner design.pdf                                | 104  |
| 2723 | 19/12/04   | Different Stirrer Types inside a RC.pdf                     | 317  |
| 2724 | 06/09/05   | Effectiveness of a Stirrer.pdf                              | 207  |
| 2725 | 31/08/07   | Efficient Stirrers in Mode-Stirred RC.pdf                   | 316  |
| 2726 | 05/12/04   | Extending to Low Frequencies.pdf                            | 163  |
| 2727 | 12/01/14   | Field Statistics in Nested RC.pdf                           | 104  |
| 2728 | 29/08/11   | Good-but-Imperfect EM Reverberation.pdf                     | 508  |

|      |   |  |       |
|------|---|--|-------|
| 2729 | 05/06/11  | Independent Positions of RC Stirrers.pdf                     | 264   |
| 2730 | 21/11/14  | Introduction - Rationale for RC Testing-2.pdf                | 1095  |
| 2731 | 12/03/04  | Low frequency reverb.pdf                                     | 158   |
| 2732 | 16/05/14  | Low-Frequency Optimization of RCs.pdf                        | 597   |
| 2733 | 11/12/06  | LUF of an Aluminum Made RC.pdf                               | 163   |
| 2734 | 14/07/02  | Mode stirred chamber at LF.pdf                               | 223   |
| 2735 | 26/02/04  | Mode Stirrer Efficiency.pdf                                  | 221   |
| 2736 | 26/10/08  | Optimizing an RC for HIRF Testing.pdf                        | 279   |
| 2737 | 26/03/14  | Optimizing LF Mode Stirring Performance.pdf                  | 2617  |
| 2738 | 10/04/15  | Optimizing Reverberation Chambers for DO160.pdf              | 1597  |
| 2739 | 30/12/06  | Parameters for Efficient Stirring of RC.pdf                  | 174   |
| 2740 | 14/10/12  | Performance of a Reduced Surface Stirrer for RCs.pdf         | 1940  |
| 2741 | 01/03/09  | Position & F Stirring in a Loaded RC.pdf                     | 218   |
| 2742 | 16/05/14  | RC & Position of the Stirrer Rotation Axis.pdf               | 26327 |
| 2743 | 14/10/11  | RC Independent Positions of the Stirrers.pdf                 | 482   |
| 2744 | 15/02/11  | RC with Two Independent Stirrers.pdf                         | 579   |
| 2745 | 16/10/06  | Reverberation Chamber.pdf                                    | 930   |
| 2746 | 01/03/09  | Source Stirring RC.pdf                                       | 366   |
| 2747 | 24/02/11  | Statistics Inside a RC with 2 Independent Stirrers.pdf       | 634   |
| 2748 | 15/02/11  | Stirrer Blade Separation in RC.pdf                           | 160   |
| 2749 | 01/09/07  | Stirrer Designs in a RC.pdf                                  | 330   |
| 2750 | 23/12/15  | Stirrer Efficiency as a Function of its Axis Orientation.pdf | 667   |
| 2751 | 31/08/07  | Transmit Antenna Position in RC.pdf                          | 228   |
| 2752 | 25/02/04  | Tuner design.pdf   | 153   |
| 2753 | <b>Chambres réverbérantes - CRBM\CRBM spéciales</b> |  |       |
| 2754 | 05/12/04  | 2 Stirrers Mini-Chamber.pdf                                  | 149   |
| 2755 | 04/10/11  | Aeronautical Metallic Halls used as RC.pdf                   | 342   |
| 2756 | 14/10/11  | Complex Enclosures with Distributed Ports.pdf                | 182   |
| 2757 | 06/09/11  | Good-but-Imperfect EM Reverberation in a VIRC.pdf            | 287   |
| 2758 | 15/02/13  | Halls Containing Apertures as MSRC.pdf                       | 1138  |
| 2759 | 09/10/12  | Hybrid TEM-Cell and RC Facility.pdf                          | 308   |
| 2760 | 26/10/08  | Mode-Stirred HIRF into an Aircraft.pdf                       | 169   |
| 2761 | 20/08/09  | Nested Frequency-Stirred RC.pdf                              | 157   |
| 2762 | 15/12/06  | Rotating-EM Field & 4-Septum TEM Cell.pdf                    | 357   |
| 2763 | 16/10/11  | Wave chaotic analysis of weakly coupled RC.pdf               | 168   |

|      |  |  |
|------|--|--|
| 2764 | <b>Chambres réverbérantes - CRBM\DAS (SAR) en CRBM</b>                   |  |
| 2765 | 11/05/15   | SAR Assessment of Small Animals in RC.pdf 946                    |
| 2766 | 21/08/13   | Selecting the Field Distribution in a RC.pdf 285                 |
| 2767 | <b>Chambres réverbérantes - CRBM\Emission rayonnée en CRBM</b>           |  |
| 2768 | 09/01/08   | Avoid Unstirred HF in MSRC.pdf 114                               |
| 2769 | 16/04/15   | Broadband Emissions in Reverberant Spaces.pdf 953                |
| 2770 | 11/11/13   | Radiative Testing Using RCs.pdf 2132                             |
| 2771 | 06/03/04   | Total Radiated Power Limits.pdf 159                              |
| 2772 | <b>Chambres réverbérantes - CRBM\Facteur de qualité - Charge de CRBM</b> |  |
| 2773 | 29/10/08   | Absorber Loading Study in MSRC.pdf 905                           |
| 2774 | 10/12/07   | Determination of a RC Quality Factor.pdf 177                     |
| 2775 | 15/02/11   | Effectiveness of Loading a RC.pdf 351                            |
| 2776 | 07/03/04   | Influences of Loading Absorber.pdf 166                           |
| 2777 | 06/03/04   | Loaded Reverberation Chamber.pdf 96                              |
| 2778 | 25/02/04   | Loading effect.pdf 233   |
| 2779 | 05/06/11   | Losses in the Overmoded Condition for RC.pdf 490                 |
| 2780 | 21/10/15   | Probability Density Function of the Quality Factor of RC.pdf 219 |
| 2781 | 15/02/13   | Probability Distribution of MSRC Quality Factor.pdf 246          |
| 2782 | 16/12/07   | Q of a Reverberation Chambe.pdf 218                              |
| 2783 | 02/03/09   | Quality Factor of Large Enclosures.pdf 214                       |
| 2784 | 26/02/16   | Range of Absorption Cross Section in a RC.pdf 984                |
| 2785 | 14/11/04   | Reveberation Chamber Loading.pdf 160                             |
| 2786 | 24/02/11   | True Effectiveness of Loading a RC.pdf 919                       |
| 2787 | 03/09/07   | Unloaded or Loaded RC.pdf 221                                    |
| 2788 | <b>Chambres réverbérantes - CRBM\Immunité ou susceptibilité en CRBM</b>  |  |
| 2789 | 23/12/08   | Average Power Received in RC.pdf 65                              |
| 2790 | 13/07/10   | Champ fort en CRBM.pdf 1314                                      |
| 2791 | 27/04/06   | Comment générer 3000 V_m.pdf 235                                 |
| 2792 | 11/01/08   | Definitions of Field Strength Standards.pdf 277                  |
| 2793 | 07/09/11   | Fast and Accurate RS Testing in a RC.pdf 119                     |
| 2794 | 20/02/02   | Harness in reverb chamber.pdf 111                                |
| 2795 | 05/06/11   | Including Directivity in RC RS Testing.pdf 353                   |
| 2796 | 10/12/07   | Investigation of RC Measurements.pdf 270                         |
| 2797 | 23/12/08   | Maximum Power Stress in RC.pdf 56                                |
| 2798 | 04/06/15   | M-S Method for HIRF Susceptibility Testing.pdf 637               |



|      |   |  |      |
|------|---|--|------|
| 2799 | 28/08/11  | Propagation-Channel Impairments in RCs.pdf                   | 942  |
| 2800 | 23/04/13  | Radiated Immunity in RC and Semianechoic Rooms.pdf           | 752  |
| 2801 | 02/09/07  | Radiated Susceptibility Test in RC.pdf                       | 291  |
| 2802 | 09/10/12  | RC Immunity Testing with Frequency Stirring.pdf              | 135  |
| 2803 | 20/02/02  | Reverb chamber uniformity.pdf                                | 398  |
| 2804 | 19/12/04  | Reverberation Chambers for HIRF.pdf                          | 120  |
| 2805 | 18/12/01  | Reverberation technique.pdf                                  | 11   |
| 2806 | 19/12/04  | Semi-Anechoic & RC Susceptibility.pdf                        | 289  |
| 2807 | 10/04/15  | Using RC for Broadband (4G-LTE) Immunity.pdf                 | 848  |
| 2808 | <b>Chambres réverbérantes - CRBM\Incertitudes en CRBM</b>       |  |      |
| 2809 | 26/02/16  | Measurement Uncertainty in Wireless Total Radiated Power.pdf | 746  |
| 2810 | 19/11/13  | Number of Samples and the Uncertainty in a RC.pdf            | 924  |
| 2811 | 12/11/04  | Reverberation Chamber Repeatability.pdf                      | 112  |
| 2812 | 19/12/14  | Uncertainty Evaluation in a Low Rician K-Factor RC.pdf       | 456  |
| 2813 | 13/01/14  | Uncertainty From Mode-Stirring Technique in RC.pdf           | 449  |
| 2814 | 12/01/14  | Uncertainty of Antenna Efficiency in a RC.pdf                | 301  |
| 2815 | 20/10/15  | Uncertainty of the Absorption Cross Section in a RC.pdf      | 201  |
| 2816 | 18/06/06  | Uncertainty Reduction in MSRC.pdf                            | 924  |
| 2817 | 19/12/14  | Variability and Confidence of Power Measured in RC.pdf       | 207  |
| 2818 | <b>Chambres réverbérantes - CRBM\Mesures de champs en CRBM</b>  |  |      |
| 2819 | 11/01/10  | Absorption Cross Section & Reflectivity in RC.pdf            | 79   |
| 2820 | 26/02/16  | E Field From Broadband Wireless Emissions in a RC.pdf        | 514  |
| 2821 | 28/11/13  | Effects of Loading on Independent Samples in RC.pdf          | 253  |
| 2822 | 25/11/07  | Electromagnetic Chaos in M-S RC.pdf                          | 232  |
| 2823 | 22/02/09  | Phase Statistics of the EM Field in RC.pdf                   | 94   |
| 2824 | 23/11/13  | Proximity and Antenna Orientation Effects in a RC.pdf        | 447  |
| 2825 | 16/11/13  | Rationale for RC Testing 2013.pdf                            | 1643 |
| 2826 | 11/10/13  | RC - Overview and Applications.pdf                           | 9565 |
| 2827 | 11/11/13  | RCs as a Versatile Test Environment.pdf                      | 1107 |
| 2828 | 06/10/14  | Use MSC for SE of RF Gaskets and Materials.pdf               | 280  |
| 2829 | 26/03/14  | Wave Impedance in RC.pdf                                     | 239  |
| 2830 | <b>Chambres réverbérantes - CRBM\Méthodes de mesure en CRBM</b> |  |      |
| 2831 | 13/12/06  | Applications of RC.pdf                                       | 1069 |
| 2832 | 28/02/11  | Characterization of EM Environments using RC.pdf             | 1018 |
| 2833 | 05/06/11  | Coupling of EMF to Transmission Line in a RC.pdf             | 492  |

|      |   |  |      |
|------|---|--|------|
| 2834 | 06/07/08  | Effective Sample Size in a RC.pdf                | 322  |
| 2835 | 09/01/08  | Hybrid Mode-Stirring for SE in RC.pdf            | 129  |
| 2836 | 23/01/13  | Independent Platform Sample Number for RC.pdf    | 192  |
| 2837 | 24/08/09  | Introduction - Rationale for RC Testing-1.pdf    | 1031 |
| 2838 | 23/12/15  | Is Sample Independence Necessary in RC?.pdf      | 153  |
| 2839 | 31/08/07  | Limits in a Reverberation Chamber.pdf            | 148  |
| 2840 | 22/02/09  | Local Stir & Spatial Averaging MSRC.pdf          | 647  |
| 2841 | 24/11/07  | Local Stir and Spatial Averaging.pdf             | 648  |
| 2842 | 25/12/08  | Maximum Rate of F Scanning in RC.pdf             | 199  |
| 2843 | 01/09/07  | Maximum Rate of Fluctuation in RC.pdf            | 379  |
| 2844 | 01/11/07  | Maximum Working Volume in a RC.pdf               | 146  |
| 2845 | 23/12/15  | Minimum Relevance Requirement in RC.pdf          | 150  |
| 2846 | 17/10/12  | RC for Automotive EMC Testing.pdf                | 2011 |
| 2847 | 17/10/12  | RC from Metrology to Aerospace.pdf               | 1371 |
| 2848 | 12/07/12  | Received Power Statistics in RC.pdf              | 513  |
| 2849 | 31/08/07  | Scattering Cross Section in RC.pdf               | 110  |
| 2850 | 11/03/10  | Siepel MSRC Testing.pdf                          | 267  |
| 2851 | 01/09/07  | Source Stirring Mode for RC.pdf                  | 254  |
| 2852 | 19/08/09  | Source-Stirring vs Mechanical-Stirring.pdf       | 201  |
| 2853 | 05/12/04  | Stirring vs Tuning in RC.pdf                     | 102  |
| 2854 | 11/01/08  | Tuner Speed in a RC.pdf                          | 298  |
| 2855 | 31/08/07  | TX Antenna's Reflected Power in RC.pdf           | 94   |
| 2856 | 23/01/13  | Why a RC Works at Low Modal Overlap.pdf          | 94   |
| 2857 | 25/05/12  | Working Volume Inside a RC.pdf                   | 486  |
| 2858 | <b>Chambres réverbérantes - CRBM\Modélisation ou simulation de CRBM</b> |  |      |
| 2859 | 11/01/14  | A Bivariate Normalization Approach for RC.pdf    | 142  |
| 2860 | 03/09/07  | A Closer Look at RC.pdf                          | 617  |
| 2861 | 31/12/06  | Analysis of Boundary Fields in RC.pdf            | 114  |
| 2862 | 30/06/09  | Boundary Fields in RC.pdf                        | 323  |
| 2863 | 10/12/07  | Chaoticity of a RC by FEM.pdf                    | 227  |
| 2864 | 26/02/16  | Elliptic Stochastic Fields in RCs.pdf            | 5497 |
| 2865 | 28/06/14  | Fast Analysis of RCs Using FDTD Method.pdf       | 355  |
| 2866 | 03/09/07  | FDTD Susceptibility Tests in RC.pdf              | 170  |
| 2867 | 31/08/07  | FEM Modal Approach for a RC.pdf                  | 264  |
| 2868 | 28/11/13  | Full-Wave Simulations and Measurements in RC.pdf | 1272 |

|      |   |   |      |
|------|---|---|------|
| 2869 | 31/12/14  | Green's Function Boundary Element Method for RC.pdf         | 237  |
| 2870 | 09/10/14  | Mean response and variance in a reverberant environment.pdf | 556  |
| 2871 | 22/03/04  | Medium Reverberation Chamber.pdf                            | 436  |
| 2872 | 12/03/04  | Mode stirred chambers.pdf                                   | 119  |
| 2873 | 10/02/10  | Modélisation 2D de la CRBM.pdf                              | 134  |
| 2874 | 17/06/06  | Monte Carlo Simulation.pdf                                  | 100  |
| 2875 | 16/05/14  | Number of Significant Modes Excited in a RC.pdf             | 324  |
| 2876 | 14/08/14  | Numerical Simulations Inside a Nonideal RC.pdf              | 3319 |
| 2877 | 04/03/13  | Overmoded Condition for RC.pdf                              | 135  |
| 2878 | 04/03/13  | Power in Undermoded MSRC.pdf                                | 113  |
| 2879 | 06/07/08  | RC criteria & 3-D FDTD Algorithm.pdf                        | 222  |
| 2880 | 16/10/11  | Representation of Random Fields in a RC.pdf                 | 171  |
| 2881 | 27/02/13  | Sampling Distributions for Undermoded MSRC.pdf              | 83   |
| 2882 | 13/03/12  | Simulation of Random Environment Within an Ideal RC.pdf     | 196  |
| 2883 | 25/02/09  | Simulation of RC Using Finite-Element.pdf                   | 305  |
| 2884 | 18/11/13  | Simulation of RCs Using MoM.pdf                             | 213  |
| 2885 | 20/11/14  | Simulation of Stirred Fields within a RC.pdf                | 154  |
| 2886 | 23/06/03  | Stirred mode uniformity.pdf                                 | 442  |
| 2887 | 11/11/13  | Two-Port Antenna Model Inside a RC.pdf                      | 1215 |
| 2888 | 19/06/15  | Uniqueness of Plane Wave Integral Representation in RC.pdf  | 76   |
| 2889 | 27/08/11  | Upper Bound of the Electric Field in a RC.pdf               | 198  |
| 2890 | <b>Chambres réverbérantes - CRBM\Non-linéarités en CRBM</b> |   |      |
| 2891 | 04/10/11  | 2 Correlated Non-Linear Devices in a RC.pdf                 | 420  |
| 2892 | 15/02/13  | Multiple Nonlinear Devices in a RC.pdf                      | 293  |
| 2893 | 20/08/09  | Non-Linear Device in a Mode Stirred RC.pdf                  | 149  |
| 2894 | 26/10/08  | Out-of-Band Sources in a RC.pdf                             | 199  |
| 2895 | 15/02/11  | Re-Emission Spectra from a Non-Linear Device.pdf            | 223  |
| 2896 | 04/03/13  | Statistical Response of Nonlinear Scatterer in a RC.pdf     | 222  |
| 2897 | <b>Chambres réverbérantes - CRBM\Normes de CRBM</b>         |   |      |
| 2898 | 12/03/04  | IEC reverberation chamber.pdf                               | 130  |
| 2899 | 12/03/04  | Pages de 16-1{Ed1.1}.pdf                                    | 41   |
| 2900 | 12/03/04  | Pages de 16-3{Ed1}.pdf                                      | 118  |
| 2901 | 25/02/04  | Testing in reverb chamber.pdf                               | 63   |
| 2902 | <b>Chambres réverbérantes - CRBM\Radio en CRBM</b>          |   |      |
| 2903 | 19/11/13  | Evaluation of WLAN Systems in a Large RC.pdf                | 378  |

|      |   |   |      |
|------|---|---|------|
| 2904 | 07/09/11  | Immunity of a 802-11n WLAN in a Large RC.pdf      | 137  |
| 2905 | 22/02/11  | Immunity of a WLAN System in a RC.pdf             | 221  |
| 2906 | 17/10/14  | MIMO channel capacity based on RC.pdf             | 451  |
| 2907 | 17/10/12  | RC Testing of Wireless Devices.pdf                | 3163 |
| 2908 | 13/12/06  | RC to Simulate Multipath Environments.pdf         | 799  |
| 2909 | 15/02/13  | Removable Mode Stirrer for Mobile Phone Tests.pdf | 278  |
| 2910 | 04/10/11  | Simulating MIMO Techniques in a RC.pdf            | 185  |
| 2911 | 03/01/11  | Simulating the Multipath Channel BER.pdf          | 429  |
| 2912 | 13/12/06  | Small Reverb Chambers for Wireless.pdf            | 1878 |
| 2913 | 20/11/14  | Testing of a Real 4G LTE Base Station in a RC.pdf | 587  |
| 2914 | 28/08/15  | Testing of a Real 4G LTE Base Station in RC.pdf   | 393  |
| 2915 | 31/08/07  | Total Radiated Power in RC.pdf                    | 349  |
| 2916 | 24/11/07  | Total Radiated Power Measurements.pdf             | 273  |
| 2917 | 28/02/11  | Wireless Channel in RC.pdf                        | 1414 |
| 2918 | 11/11/13  | Wireless Device Testing in RC-1.pdf               | 1444 |
| 2919 | 21/11/14  | Wireless Device Testing in RC-2.pdf               | 919  |
| 2920 | 19/12/04  | Wireless in Reverberation Chamber.pdf             | 226  |
| 2921 | 29/10/08  | ZigBee in a MSRC.pdf                              | 559  |
| 2922 | <b>Chambres réverbérantes - CRBM\Sondes en CRBM</b>               |   |      |
| 2923 | 16/04/15  | Field Probe Perturbation in a MSRC.pdf            | 2043 |
| 2924 | 24/08/09  | Probe Calibration & Antenna Evaluation in RC.pdf  | 1266 |
| 2925 | <b>Chambres réverbérantes - CRBM\Temps de remplissage de CRBM</b> |   |      |
| 2926 | 13/07/10  | Champs forts impulsionnels en CBRM - Supelec.pdf  | 1085 |
| 2927 | 01/10/12  | Early Time Behavior in RC.pdf                     | 491  |
| 2928 | 04/06/15  | Influence of Modulated Signal Risetime.pdf        | 538  |
| 2929 | 23/10/12  | Modulated Signal Risetime in RC.pdf               | 821  |
| 2930 | 16/11/05  | NASA- Mode-Stirred & Risetime.pdf                 | 375  |
| 2931 | 15/02/11  | Pulse Regime in a RC.pdf                          | 406  |
| 2932 | 09/01/08  | Pulsed Power 3 GHz study for a SMRC.pdf           | 675  |
| 2933 | 03/01/11  | RC in Pulse Regime.pdf                            | 593  |
| 2934 | 11/10/13  | Rise-Time of Pulsed Signals in RC.pdf             | 207  |
| 2935 | 11/10/13  | Stirrer Performance and Time Domain Fidelity.pdf  | 458  |
| 2936 | 10/12/07  | Time-Domain Measurement in MSRC.pdf               | 359  |
| 2937 | 16/06/07  | Transient Fields in M-S Chambers.pdf              | 188  |
| 2938 | <b>Chambres réverbérantes - CRBM\Théorie des CRBM</b>             |   |      |

|      |          |  |      |
|------|----------|--|------|
| 2939 | 12/03/15 | Comparison of RC Shapes.pdf                            | 400  |
| 2940 | 15/02/11 | Determination of Reverberation Distance.pdf            | 547  |
| 2941 | 12/03/04 | Distribution in reverb.pdf                             | 195  |
| 2942 | 21/12/04 | E-Field Distribution in a RC.pdf                       | 199  |
| 2943 | 29/08/11 | Energy Propagation in Coupled Reverberant Cavities.pdf | 225  |
| 2944 | 08/03/04 | Frequency-Stirred RC Statistics.pdf                    | 241  |
| 2945 | 05/12/04 | Introduction to RC.pdf                                 | 186  |
| 2946 | 31/08/07 | Maximum Field Inside a RC.pdf                          | 226  |
| 2947 | 21/03/04 | Mesures et simu d'une CRBM.pdf                         | 138  |
| 2948 | 29/11/11 | Overview of RC Theory 2011.pdf                         | 674  |
| 2949 | 17/10/12 | Overview of RC Theory 2012.pdf                         | 707  |
| 2950 | 11/11/13 | Overview of RC Theory 2013.pdf                         | 724  |
| 2951 | 21/11/14 | Overview of RC Theory 2014.pdf                         | 621  |
| 2952 | 10/04/15 | Overview of Reverberation Chamber Theory.pdf           | 1661 |
| 2953 | 23/12/08 | Probability Density Function in RC.pdf                 | 47   |
| 2954 | 11/01/08 | Properties of Fields in RC.pdf                         | 186  |
| 2955 | 09/11/13 | Quasi-Ideal RC Minimal Frequency.pdf                   | 194  |
| 2956 | 28/10/07 | Reciprocity in RC Measurements.pdf                     | 122  |
| 2957 | 02/03/09 | Representation for Fields in RC.pdf                    | 172  |
| 2958 | 02/03/11 | Reverberation Chamber Study.pdf                        | 1225 |
| 2959 | 04/10/11 | Reverberation Chamber's Unstirred Field.pdf            | 347  |
| 2960 | 14/11/04 | Reverberation Chambers Statistics.pdf                  | 241  |
| 2961 | 02/09/07 | Reverberation Near a Boundary.pdf                      | 317  |
| 2962 | 26/02/09 | Reverberation-Chamber Research.pdf                     | 113  |
| 2963 | 21/08/13 | Spatial Autocovariances in a Lossy RC.pdf              | 261  |
| 2964 | 26/02/09 | Spatial-Correlation Functions in a RC.pdf              | 151  |
| 2965 | 24/11/07 | Undermoded Reverberation Chambers.pdf                  | 463  |
| 2966 | 22/02/09 | Wave Diffractors at Low Frequencies.pdf                | 473  |

2967

2968

## Circuits imprimés & flex

2969

|      |          |                                      |     |
|------|----------|--------------------------------------|-----|
| 2970 | 20/02/02 | 20-H rule.pdf                        | 233 |
| 2971 | 18/08/09 | 3D Simulation of Power Planes.pdf    | 638 |
| 2972 | 17/12/09 | 3M Embedded Capacitance Material.pdf | 116 |
| 2973 | 12/12/06 | Advanced PCB Decoupling Design.pdf   | 457 |

|      |          |   |       |
|------|----------|---|-------|
| 2974 | 22/10/06 | Advanced PCB Design.pdf                           | 10152 |
| 2975 | 29/11/04 | Analysis of Microstrip Structures.pdf             | 179   |
| 2976 | 10/10/11 | Anisotropy of PCB Laminate Dielectrics.pdf        | 233   |
| 2977 | 03/01/11 | Arnoldi Algorithm for Power-Delivery Networks.pdf | 239   |
| 2978 | 20/01/06 | Automatic placement.pdf                           | 540   |
| 2979 | 11/09/05 | Board EMI Mixed RF-Digital Circuits.pdf           | 419   |
| 2980 | 11/09/05 | Broadband Suppression of SSN.pdf                  | 449   |
| 2981 | 25/02/04 | Bus & ground plane split.pdf                      | 102   |
| 2982 | 15/08/06 | C&D EMC Design Guidelines.pdf                     | 220   |
| 2983 | 13/10/11 | Cap for On-Board PDN Designs.pdf                  | 396   |
| 2984 | 26/12/08 | Capacitance of Vias in Multilayered PCBs.pdf      | 332   |
| 2985 | 30/12/06 | Capacitor Decoupled Power-Bus.pdf                 | 121   |
| 2986 | 04/12/04 | Capacitor Placement Topology.pdf                  | 173   |
| 2987 | 06/03/04 | Capacitors on Signal Transmission.pdf             | 134   |
| 2988 | 31/03/10 | Cavity Resonances in Multilayer PCBs.pdf          | 447   |
| 2989 | 20/02/02 | Change of PCB layer1.pdf                          | 152   |
| 2990 | 23/08/06 | Circuit Design & Choice of Components.pdf         | 1489  |
| 2991 | 15/05/13 | Clock Decoupling Layout Recommendations.pdf       | 191   |
| 2992 | 19/12/04 | Clock PCB Edge Radiation.pdf                      | 595   |
| 2993 | 12/09/02 | CM trace edge effect.pdf                          | 174   |
| 2994 | 13/11/04 | CM-to-DM PCB Transitions.pdf                      | 155   |
| 2995 | 21/08/09 | Comparison among Different Via Models.pdf         | 129   |
| 2996 | 15/12/04 | Complex PCB design.pdf                            | 1270  |
| 2997 | 12/12/06 | Concepts, Planes & Decoupling Caps.pdf            | 873   |
| 2998 | 11/03/11 | Coupling Between PCB Cavities.pdf                 | 335   |
| 2999 | 20/08/09 | Coupling Between Signal Layers and Power-Bus.pdf  | 185   |
| 3000 | 02/06/09 | Coupling between Vias & PCB Power-Bus.pdf         | 123   |
| 3001 | 03/01/11 | Coupling on a multilayer PCB.pdf                  | 397   |
| 3002 | 11/09/05 | Cross-SSN in multilayer PCB.pdf                   | 379   |
| 3003 | 23/08/06 | Current & PCB Temperature Rise.pdf                | 426   |
| 3004 | 26/05/08 | Current Distribution on Multilayer PCB.pdf        | 218   |
| 3005 | 31/08/07 | Current in Asymmetric Ground Planes.pdf           | 191   |
| 3006 | 01/09/07 | Damping Cavity Resonances in PCB.pdf              | 193   |
| 3007 | 05/12/04 | Daughter Cards & Motherboards.pdf                 | 148   |
| 3008 | 05/12/04 | DC Power Bus Noise.pdf                            | 229   |

|      |          |  |      |
|------|----------|--|------|
| 3009 | 14/11/07 | DC Power Bus on a Multilayer PCB.pdf                 | 187  |
| 3010 | 06/03/04 | DC Power Distribution Analysis.pdf                   | 204  |
| 3011 | 24/02/09 | DC Power-Bus Modeling and Design.pdf                 | 325  |
| 3012 | 19/08/09 | Decoupling Capacitor & Low Inductance.pdf            | 545  |
| 3013 | 06/09/05 | Decoupling Capacitor Distance on PCB.pdf             | 187  |
| 3014 | 12/11/04 | Decoupling Capacitor Distance.pdf                    | 221  |
| 3015 | 31/12/06 | Decoupling Capacitor Location on PCB.pdf             | 99   |
| 3016 | 16/12/06 | Decoupling Capacitor on PCB.pdf                      | 183  |
| 3017 | 16/10/03 | Decoupling caps.pdf                                  | 377  |
| 3018 | 26/11/07 | Decoupling High-Speed Digital PCBs.pdf               | 204  |
| 3019 | 04/12/04 | Decoupling Strategies.pdf                            | 215  |
| 3020 | 24/02/11 | DGS Filter on Return Plane of PCBs.pdf               | 945  |
| 3021 | 16/12/07 | Dielectric Loss in PCBs.pdf                          | 333  |
| 3022 | 10/01/11 | Differential Mode Propagation in PCB.pdf             | 274  |
| 3023 | 19/12/04 | Differential Signal Cavity Noise.pdf                 | 639  |
| 3024 | 03/09/08 | Differential Vias Transition Modeling.pdf            | 353  |
| 3025 | 26/10/08 | Differential Vias Transitions in a PCB.pdf           | 402  |
| 3026 | 18/12/04 | Discrete Components vs 20-H Rule.pdf                 | 523  |
| 3027 | 24/03/14 | EC-design-guidelines.pdf                             | 884  |
| 3028 | 08/06/06 | Edge effect.pdf                                      | 617  |
| 3029 | 13/02/02 | Edge emission.pdf                                    | 154  |
| 3030 | 18/12/04 | Edge Radiated Emissions.pdf                          | 538  |
| 3031 | 03/09/07 | Effectiveness of the 20-H Rule.pdf                   | 659  |
| 3032 | 27/05/10 | EM Analysis of the Power Distribution.pdf            | 356  |
| 3033 | 31/12/06 | EM Bandgap Structures in PCB.pdf                     | 216  |
| 3034 | 26/04/11 | Embedded Capacitance Presentation.pdf                | 1795 |
| 3035 | 19/12/04 | Embedded Caps Noise Reduction.pdf                    | 455  |
| 3036 | 17/06/06 | EMC & PCB.pdf  | 1031 |
| 3037 | 01/02/10 | EMI and PCB (Philips AN).pdf                         | 233  |
| 3038 | 29/11/11 | EMI problems on Multi-layer PCBs.pdf                 | 2234 |
| 3039 | 23/04/13 | EMI-EMC Analysis of PCB and Shielding Enclosures.pdf | 595  |
| 3040 | 31/08/07 | Emission of FCB with Attached Cables.pdf             | 649  |
| 3041 | 18/12/04 | Emission Problems in PCBs.pdf                        | 541  |
| 3042 | 03/09/07 | Emissions From the Power Planes.pdf                  | 262  |
| 3043 | 05/12/04 | External Parasitic Inductance.pdf                    | 91   |

|      |          |  |       |
|------|----------|--|-------|
| 3044 | 02/10/14 | Fabrication des CIPs.pdf                   | 245   |
| 3045 | 20/01/06 | Finite size PCBs.pdf                       | 495   |
| 3046 | 12/11/07 | Finite-Impedance Reference Planes.pdf      | 301   |
| 3047 | 02/10/14 | Finitions circuits imprimes.pdf            | 141   |
| 3048 | 14/01/15 | Flex Circuits Design Guide.pdf             | 1666  |
| 3049 | 14/01/15 | Flexible Circuit Technology-Ed4.pdf        | 23535 |
| 3050 | 05/12/04 | Flexible microstrip PCB.pdf                | 128   |
| 3051 | 26/11/13 | Flexible PCB Grounding Connections.pdf     | 143   |
| 3052 | 01/12/04 | Flexible Printed Circuit Radiation.pdf     | 304   |
| 3053 | 16/12/06 | FPGA Simultaneous Switching Noise.pdf      | 343   |
| 3054 | 20/08/09 | Frequency-Dependent Via Inductances.pdf    | 216   |
| 3055 | 03/09/07 | Gapped Power Bus Structures.pdf            | 364   |
| 3056 | 16/04/15 | GHz Power Filtering on PCBs.pdf            | 178   |
| 3057 | 11/09/05 | Grid-like Ground Plane Impedance.pdf       | 191   |
| 3058 | 02/03/09 | Ground Bounce & PWR Plane Resonances.pdf   | 226   |
| 3059 | 18/02/02 | Ground bounce noise.pdf                    | 119   |
| 3060 | 18/12/06 | Ground Plane Inductance of a PCB.pdf       | 1084  |
| 3061 | 21/02/02 | Ground plane shapes.pdf                    | 50    |
| 3062 | 04/01/10 | Ground planes for low cost boards.pdf      | 100   |
| 3063 | 03/01/11 | Ground Planes With Narrow Slots.pdf        | 339   |
| 3064 | 19/02/02 | Ground slot effect.pdf                     | 398   |
| 3065 | 13/11/04 | Grounded Co-Planar Waveguides.pdf          | 84    |
| 3066 | 19/08/09 | Grounding Pads & Power Bus Resonance.pdf   | 1814  |
| 3067 | 12/09/02 | Ground-to-ground Noise.pdf                 | 91    |
| 3068 | 11/09/05 | Guard traces & wideband signal paths.pdf   | 212   |
| 3069 | 22/12/07 | H Field Radiated from PCB.pdf              | 352   |
| 3070 | 30/12/06 | HF interference in PCB Design.pdf          | 235   |
| 3071 | 24/08/06 | High Currents on FR-4 PCB.pdf              | 439   |
| 3072 | 28/10/07 | High-Impedance EM Surfaces.pdf             | 344   |
| 3073 | 11/10/06 | High-speed Differential Line & HFSS .pdf   | 863   |
| 3074 | 14/11/04 | High-speed Differential Lines on PCB.pdf   | 110   |
| 3075 | 08/10/08 | HU CM Filter for GHz for DM Signals.pdf    | 234   |
| 3076 | 09/02/11 | Hybrid Method to Model via Transitions.pdf | 257   |
| 3077 | 08/10/12 | Hybrid Stack-Up of PCB.pdf                 | 411   |
| 3078 | 30/05/03 | IC microstrip model.pdf                    | 163   |



|      |          |   |      |
|------|----------|---|------|
| 3079 | 26/06/07 | IEEE PCB Design Techniques.pdf                  | 109  |
| 3080 | 20/08/09 | Impedance of a Large Parallel-Plane Pair.pdf    | 139  |
| 3081 | 26/05/08 | Impedance of Power Ground Planes.pdf            | 295  |
| 3082 | 28/10/07 | Impedance of Power Plane Structures.pdf         | 230  |
| 3083 | 12/11/04 | Impedance of Power-Ground Planes.pdf            | 228  |
| 3084 | 12/12/06 | Inductance & Current Return Path.pdf            | 129  |
| 3085 | 28/02/11 | Inductance and Partial Inductance.pdf           | 554  |
| 3086 | 05/06/11 | Inductance of Coplanar Stripline PCBs.pdf       | 121  |
| 3087 | 11/09/05 | Injected Parasitic Noise into PCB.pdf           | 181  |
| 3088 | 04/06/07 | IPC-2221 PCB Design STD.pdf                     | 1263 |
| 3089 | 10/04/07 | Islands in PCB Power Bus.pdf                    | 164  |
| 3090 | 26/08/08 | Lateral Metallization & Stitching Plane.pdf     | 366  |
| 3091 | 11/09/05 | Lossy Decoupling & Power Plane Noise.pdf        | 219  |
| 3092 | 31/12/06 | Lossy Slot Resonators.pdf                       | 181  |
| 3093 | 20/08/09 | Lumped Models for Vias in Multilayered PCBs.pdf | 163  |
| 3094 | 09/02/11 | Macromodeling of Power-Bus Structures.pdf       | 249  |
| 3095 | 20/10/15 | Meander Line-Resonator Hybrid Structure.pdf     | 354  |
| 3096 | 28/05/10 | Microwave Analysis for Multilayer PCB.pdf       | 407  |
| 3097 | 22/02/11 | Mid-Frequency Plane Inductance Computation.pdf  | 186  |
| 3098 | 16/12/06 | Modified and Small-Sized Ground Patterns.pdf    | 561  |
| 3099 | 06/09/05 | MoM & Multilayered PCBs.pdf                     | 256  |
| 3100 | 14/11/04 | Multi-Layer PCB Edge Radiation.pdf              | 299  |
| 3101 | 25/02/04 | Multi-layer PCB noise.pdf                       | 244  |
| 3102 | 27/08/08 | Multi-layer PCB Slots on Ground Fillings.pdf    | 248  |
| 3103 | 14/01/15 | Multilayer PCB Stackup Planning.pdf             | 419  |
| 3104 | 18/12/07 | Multi-Layer PCBs Charge Replenishment.pdf       | 154  |
| 3105 | 10/12/07 | Multimodal Analysis of Guard Traces.pdf         | 131  |
| 3106 | 11/12/07 | Mutual Coupling from Via Structures.pdf         | 304  |
| 3107 | 25/09/13 | Near-Magnetic Field Radiations on PCB.pdf       | 320  |
| 3108 | 10/10/11 | Nickel Characterization for Interconnect.pdf    | 365  |
| 3109 | 20/02/02 | Noise on digital PCB.pdf                        | 404  |
| 3110 | 19/08/09 | Noise Voltage from Trace Crossing Split.pdf     | 204  |
| 3111 | 23/02/11 | Novel Embedded Capacitance Material.pdf         | 709  |
| 3112 | 24/02/11 | Optimized Two-Layer Board.pdf                   | 1044 |
| 3113 | 08/06/06 | OrCAD_class.ppt                                 | 2222 |

|      |          |  |      |
|------|----------|--|------|
| 3114 | 30/12/06 | Overlapping Power Areas.pdf                            | 338  |
| 3115 | 22/10/06 | Pages from Advanced PCB Design.pdf                     | 1264 |
| 3116 | 14/11/07 | Parallel Plate Resonances on PCBs.pdf                  | 219  |
| 3117 | 31/12/06 | Partial EBG Power Distrib Network.pdf                  | 183  |
| 3118 | 10/12/07 | Partial Inductance of a Ground Plane.pdf               | 288  |
| 3119 | 06/10/04 | Paschen.jpg  | 185  |
| 3120 | 04/01/10 | PCB & Mutual Inductances.pdf                           | 233  |
| 3121 | 03/09/07 | PCB CM in U-Shaped Metal Cabinet.pdf                   | 187  |
| 3122 | 06/09/05 | PCB Decoupling Capacitors.pdf                          | 127  |
| 3123 | 22/10/06 | PCB Design & Layout for EMC Part 1.webarchive          | 59   |
| 3124 | 22/10/06 | PCB design & layout for EMC Part 2.webarchive          | 1012 |
| 3125 | 22/10/06 | PCB Design & Layout for EMC Part 3.webarchive          | 71   |
| 3126 | 22/10/06 | PCB Design & Layout for EMC Part 4.webarchive          | 602  |
| 3127 | 22/10/06 | PCB Design & Layout for EMC Part 5-1.webarchive        | 472  |
| 3128 | 22/10/06 | PCB Design & Layout for EMC Part 5-2.webarchive        | 296  |
| 3129 | 22/10/06 | PCB Design & Layout for EMC Part 6-1.webarchive        | 713  |
| 3130 | 22/10/06 | PCB Design & Layout for EMC Part 6-2.webarchive        | 616  |
| 3131 | 22/10/06 | PCB Design & Layout for EMC Part 6-3.webarchive        | 700  |
| 3132 | 22/10/06 | PCB Design & Layout for EMC Part 7.webarchive          | 420  |
| 3133 | 22/10/06 | PCB Design & Layout for EMC Part 8.webarchive          | 629  |
| 3134 | 15/12/04 | PCB design 1 or 2 layer.pdf                            | 383  |
| 3135 | 28/02/11 | PCB Design 2.pdf                                       | 301  |
| 3136 | 14/01/15 | PCB Design for 0.5mm Package-on-Package.pdf            | 1555 |
| 3137 | 10/11/08 | PCB Design for EMI-EMC Compliance.pdf                  | 239  |
| 3138 | 14/01/15 | PCB Design Guidelines for 0.4mm Package-On-Package.pdf | 1753 |
| 3139 | 31/08/04 | PCB design Risk Assessing.pdf                          | 135  |
| 3140 | 10/11/08 | PCB Design Tutorial.pdf                                | 369  |
| 3141 | 21/12/05 | PCB Design.pdf   | 686  |
| 3142 | 10/01/06 | PCB EMC Compliance.pdf                                 | 510  |
| 3143 | 14/11/04 | PCB EMC Design Guidelines.pdf                          | 54   |
| 3144 | 17/10/12 | PCB EMC Design Reviews.pdf                             | 291  |
| 3145 | 14/11/04 | PCB EMI Source Mechanisms.pdf                          | 56   |
| 3146 | 30/05/03 | PCB formulas.pdf                                       | 34   |
| 3147 | 28/10/08 | PCB Ground Fill Design Guidelines.pdf                  | 287  |
| 3148 | 31/12/06 | PCB Ground-Fill on Radiated EMI.pdf                    | 305  |

|      |          |  |      |
|------|----------|--|------|
| 3149 | 15/12/06 | PCB Guard Traces on Radiated EMI.pdf         | 618  |
| 3150 | 05/03/04 | PCB High-Speed Simulation.pdf                | 412  |
| 3151 | 23/12/05 | PCB in Metallic Enclosures.pdf               | 495  |
| 3152 | 12/12/07 | PCB Interconnected by Coaxial Cable.pdf      | 271  |
| 3153 | 17/04/07 | PCB Layout EMC.pdf                           | 1320 |
| 3154 | 14/01/15 | PCB Layout Recommendations for BGA.pdf       | 4846 |
| 3155 | 14/08/06 | PCB Layout Techniques.pdf                    | 457  |
| 3156 | 28/10/07 | PCB Measurements of Ground Bounce.pdf        | 201  |
| 3157 | 14/11/04 | PCB Noise Voltage Measurements.pdf           | 268  |
| 3158 | 14/02/14 | PCB Physical Design Reuse.pdf                | 566  |
| 3159 | 31/12/06 | PCB Planar EM Bandgap Structure.pdf          | 209  |
| 3160 | 11/09/05 | PCB Power-Bus & Segmentation.pdf             | 216  |
| 3161 | 08/03/04 | PCB Power-Ground Resonance.pdf               | 286  |
| 3162 | 19/12/04 | PCB Radiation with Guard-Band.pdf            | 400  |
| 3163 | 13/11/04 | PCB Switching Transistor Noise.pdf           | 485  |
| 3164 | 31/12/06 | PCB to Chassis Grounding.pdf                 | 96   |
| 3165 | 13/01/10 | PCB to chassis resonances.pdf                | 188  |
| 3166 | 30/06/09 | PCB to Near-Zone Illuminations.pdf           | 215  |
| 3167 | 25/05/10 | PCB Traces Inclusive of Antenna Coupling.pdf | 394  |
| 3168 | 07/02/11 | PCB Traces with Periodic Roughness.pdf       | 161  |
| 3169 | 22/12/07 | PCB with gapped power plane.pdf              | 147  |
| 3170 | 14/11/04 | PCB with Narrow Ground Plane.pdf             | 136  |
| 3171 | 18/12/04 | PCBs Power and Ground Islands.pdf            | 444  |
| 3172 | 07/02/11 | PCBs with Embedded Capacitance Material.pdf  | 454  |
| 3173 | 28/10/08 | Periodic Metal-Strip Loaded Sheets.pdf       | 196  |
| 3174 | 19/08/09 | Photonic Crystal Power-Ground.pdf            | 323  |
| 3175 | 19/01/06 | Pi filter for IC.pdf                         | 626  |
| 3176 | 31/08/07 | Planar EM Bandgap Structures.pdf             | 504  |
| 3177 | 24/06/03 | Planar Interconnections.pdf                  | 114  |
| 3178 | 18/12/04 | Plane Cutout in Multilayer PCBs.pdf          | 298  |
| 3179 | 12/12/07 | Power and Ground Bounce Effects.pdf          | 201  |
| 3180 | 05/03/10 | Power Backplane Spice Simulation.pdf         | 66   |
| 3181 | 03/09/07 | Power Bus Impedance Calculation.pdf          | 313  |
| 3182 | 19/10/07 | Power Bus Isolation by Islands in PCB.pdf    | 216  |
| 3183 | 20/02/02 | Power bus noise.pdf                          | 50   |

|      |          |   |     |
|------|----------|---|-----|
| 3184 | 10/04/07 | Power Bus Structures.pdf                              | 152 |
| 3185 | 19/12/04 | Power Delivery Design.pdf                             | 430 |
| 3186 | 27/05/10 | Power Delivery Network Impedance.pdf                  | 332 |
| 3187 | 11/09/05 | Power plane & High-Speed PCB SSN.pdf                  | 234 |
| 3188 | 23/06/03 | Power Supply Zones.pdf                                | 217 |
| 3189 | 19/02/02 | Power vs ground resonance.pdf                         | 112 |
| 3190 | 02/11/07 | Power-Bus Decoupling.pdf                              | 322 |
| 3191 | 01/09/07 | Power-Ground Plane PCB With Holes.pdf                 | 211 |
| 3192 | 27/05/10 | Power-Ground Planes With Narrow Slots.pdf             | 410 |
| 3193 | 22/07/06 | Practical Capacitor Decoupling.pdf                    | 510 |
| 3194 | 31/12/06 | Prediction of RF Ground Voltage Drop.pdf              | 129 |
| 3195 | 15/12/06 | Primary Power Bus Frequency Response.pdf              | 157 |
| 3196 | 07/04/07 | Printed Wiring Board Design.pdf                       | 976 |
| 3197 | 22/02/09 | Quantifying SMT Decoupling Capacitor.pdf              | 349 |
| 3198 | 31/12/14 | Quasi-Gaussian Radiated Emissions From PCBs.pdf       | 323 |
| 3199 | 03/09/07 | Radiated Susceptibility of PCB.pdf                    | 292 |
| 3200 | 31/08/07 | Rectangular PCB Power-Bus.pdf                         | 205 |
| 3201 | 03/09/07 | Rectangular Power-Ground Structure.pdf                | 375 |
| 3202 | 19/12/04 | Resonance PCB Ground Plane.pdf                        | 313 |
| 3203 | 06/03/04 | Resonances in CEMPIE-PEEC.pdf                         | 365 |
| 3204 | 20/02/02 | Return current on PCB.pdf                             | 115 |
| 3205 | 23/10/08 | Return Currents in Multilayered PCB.pdf               | 197 |
| 3206 | 04/10/11 | Reversing the Circuit Manufacturing.pdf               | 397 |
| 3207 | 25/05/10 | Review of PCB Level EMI-EMC.pdf                       | 337 |
| 3208 | 10/10/11 | Roughness Characterization for Interconnect.pdf       | 475 |
| 3209 | 01/09/07 | Self-Capacitance of a PCB.pdf                         | 188 |
| 3210 | 24/06/03 | Signal Layer Positions.pdf                            | 448 |
| 3211 | 12/10/09 | Signal Traces in a Power Plane.pdf                    | 319 |
| 3212 | 16/10/11 | Signal Via with a Ground Via at Various Distances.pdf | 392 |
| 3213 | 29/10/08 | Signal Vias Transitioning through Planes.pdf          | 195 |
| 3214 | 10/12/07 | Single-Sided PCB Power Supply Noise.pdf               | 204 |
| 3215 | 12/11/04 | SPICE Model for Via Transitions.pdf                   | 204 |
| 3216 | 12/11/08 | Split Planes & Package Performance.pdf                | 89  |
| 3217 | 04/08/06 | Splitting Planes.pdf                                  | 65  |
| 3218 | 12/11/04 | Stitching Capacitor Distance.pdf                      | 130 |

|      |   |   |      |
|------|---|---|------|
| 3219 | 25/11/07  | Stitching of Reference Planes.pdf           | 300  |
| 3220 | 22/10/12  | Substrat métallique enchâssé.pdf            | 175  |
| 3221 | 17/01/07  | Substrate Burried Components.pdf            | 189  |
| 3222 | 17/01/07  | Substrate with Embedded Components.pdf      | 584  |
| 3223 | 25/04/04  | Tension entre pistes.jpg                    | 163  |
| 3224 | 25/04/04  | Tension entre pistes.pdf                    | 164  |
| 3225 | 25/02/04  | The 20-H rule on PCB.pdf                    | 198  |
| 3226 | 18/12/04  | Through-Hole Vias in Backpanel.pdf          | 348  |
| 3227 | 28/10/08  | TI - PCB Design Guidelines.pdf              | 305  |
| 3228 | 28/10/08  | TI - Power & GND Plane Voltage Drops.pdf    | 471  |
| 3229 | 28/10/07  | Trace Near a PCB Edge.pdf                   | 460  |
| 3230 | 21/10/15  | Trace Orientation for Prediction of PCB.pdf | 550  |
| 3231 | 03/09/07  | Traces near Gaps in Return Planes.pdf       | 285  |
| 3232 | 26/11/07  | Trace-to-Edge C-M Inductance of a PCB.pdf   | 154  |
| 3233 | 07/06/06  | TW9910 PCB Layout Guide.pdf                 | 168  |
| 3234 | 07/02/11  | Two-Layer Board to Reduce EM Radiation.pdf  | 1272 |
| 3235 | 11/07/04  | UTE C 93-703.pdf                            | 347  |
| 3236 | 30/11/11  | Vein Power Plane for PCB.pdf                | 432  |
| 3237 | 31/08/07  | Via Capacitance in Multilayer PCBs.pdf      | 115  |
| 3238 | 02/03/09  | Via Coupling within Parallel Planes.pdf     | 339  |
| 3239 | 27/08/01  | Via effect.pdf                              | 116  |
| 3240 | 13/11/04  | Via Holes Discontinuities.pdf               | 249  |
| 3241 | 15/02/11  | Via Impedance Variations.pdf                | 380  |
| 3242 | 10/12/07  | Virtual Island and-or array of vias.pdf     | 256  |
| 3243 | 25/12/07  | Voltage Bounce in Power-bus.pdf             | 334  |
| 3244 | 11/09/05  | Wideband Embedded Decoupling.pdf            | 180  |
| 3245 | 09/02/11  | Wire beneath a Ground Plane Slot.pdf        | 207  |
| 3246 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 1</b> |   |      |
| 3247 | 23/08/06  | Slide1A.GIF.gif                             | 28   |
| 3248 | 23/08/06  | Slide1B.GIF.gif                             | 28   |
| 3249 | 23/08/06  | Slide1C.GIF.gif                             | 31   |
| 3250 | 23/08/06  | Slide1D.GIF.gif                             | 27   |
| 3251 | 23/08/06  | Slide1E.GIF.gif                             | 26   |
| 3252 | 23/08/06  | Slide1F.GIF.gif                             | 20   |
| 3253 | 23/08/06  | Slide1G.GIF.gif                             | 22   |

|      |   |                      |     |
|------|---|----------------------|-----|
| 3254 | 23/08/06  | Slide1H.GIF.gif      | 20  |
| 3255 | 23/08/06  | Slide1J.GIF.gif      | 21  |
| 3256 | 23/08/06  | Slide1K.GIF.gif      | 18  |
| 3257 | 23/08/06  | Slide1L.GIF.gif      | 32  |
| 3258 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 2</b> |                      |     |
| 3259 | 23/08/06  | Slide2A.jpg          | 42  |
| 3260 | 23/08/06  | Slide2B.jpg          | 41  |
| 3261 | 23/08/06  | Slide2C.jpg          | 32  |
| 3262 | 23/08/06  | Slide2D.jpg          | 34  |
| 3263 | 23/08/06  | Slide2E.jpg          | 36  |
| 3264 | 23/08/06  | Slide2F.jpg          | 106 |
| 3265 | 23/08/06  | Slide2G.jpg          | 106 |
| 3266 | 23/08/06  | Slide2H.jpg          | 34  |
| 3267 | 23/08/06  | Slide2J.jpg          | 27  |
| 3268 | 23/08/06  | Slide2K.jpg          | 28  |
| 3269 | 23/08/06  | Slide2L.jpg          | 34  |
| 3270 | 23/08/06  | Slide2M.jpg          | 27  |
| 3271 | 23/08/06  | Slide2N.jpg          | 35  |
| 3272 | 23/08/06  | Slide2P.jpg          | 46  |
| 3273 | 23/08/06  | Slide2R.jpg          | 35  |
| 3274 | 23/08/06  | Slide2S.jpg          | 41  |
| 3275 | 23/08/06  | Slide2T.jpg          | 41  |
| 3276 | 23/08/06  | Slide2U.jpg          | 44  |
| 3277 | 23/08/06  | Slide2V.jpg          | 36  |
| 3278 | 23/08/06  | Slide2X.jpg          | 41  |
| 3279 | 23/08/06  | Slide2Y.jpg          | 42  |
| 3280 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 3</b> |                      |     |
| 3281 | 23/08/06  | Advanced Slide10.gif | 16  |
| 3282 | 23/08/06  | Advanced Slide11.gif | 26  |
| 3283 | 23/08/06  | Advanced Slide12.gif | 15  |
| 3284 | 23/08/06  | Advanced Slide13.gif | 25  |
| 3285 | 23/08/06  | Advanced Slide14.jpg | 153 |
| 3286 | 23/08/06  | Advanced Slide15.jpg | 225 |
| 3287 | 23/08/06  | Advanced Slide2.gif  | 28  |
| 3288 | 23/08/06  | Advanced Slide3.gif  | 27  |

|      |   |                     |     |
|------|---|---------------------|-----|
| 3289 | 23/08/06  | Advanced Slide4.gif | 14  |
| 3290 | 23/08/06  | Advanced Slide5.gif | 30  |
| 3291 | 23/08/06  | Advanced Slide6.gif | 29  |
| 3292 | 23/08/06  | Advanced Slide7.gif | 28  |
| 3293 | 23/08/06  | Advanced Slide8.gif | 20  |
| 3294 | 23/08/06  | Advanced Slide9.jpg | 166 |
| 3295 | 23/08/06  | AdvancedSlide1.gif  | 28  |
| 3296 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 4</b>   |                     |     |
| 3297 | 23/08/06  | Slide1.gif          | 44  |
| 3298 | 23/08/06  | Slide10.gif         | 31  |
| 3299 | 23/08/06  | Slide11.gif         | 36  |
| 3300 | 23/08/06  | Slide12.gif         | 23  |
| 3301 | 23/08/06  | Slide13.gif         | 24  |
| 3302 | 23/08/06  | Slide14.gif         | 35  |
| 3303 | 23/08/06  | Slide15.gif         | 36  |
| 3304 | 23/08/06  | Slide16.gif         | 39  |
| 3305 | 23/08/06  | Slide2.gif          | 15  |
| 3306 | 23/08/06  | Slide3.gif          | 63  |
| 3307 | 23/08/06  | Slide4.gif          | 25  |
| 3308 | 23/08/06  | Slide5.gif          | 24  |
| 3309 | 23/08/06  | Slide6.gif          | 11  |
| 3310 | 23/08/06  | Slide7.gif          | 29  |
| 3311 | 23/08/06  | Slide8.gif          | 34  |
| 3312 | 23/08/06  | Slide9.gif          | 27  |
| 3313 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 5-1</b> |                     |     |
| 3314 | 23/08/06  | AdvancedSlide1.gif  | 37  |
| 3315 | 23/08/06  | AdvancedSlide10.gif | 29  |
| 3316 | 23/08/06  | AdvancedSlide11.gif | 27  |
| 3317 | 23/08/06  | AdvancedSlide12.gif | 31  |
| 3318 | 23/08/06  | AdvancedSlide13.gif | 34  |
| 3319 | 23/08/06  | AdvancedSlide14.gif | 22  |
| 3320 | 23/08/06  | AdvancedSlide15.gif | 28  |
| 3321 | 23/08/06  | AdvancedSlide2.gif  | 20  |
| 3322 | 23/08/06  | AdvancedSlide3.gif  | 27  |
| 3323 | 23/08/06  | AdvancedSlide4.gif  | 25  |

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| 3325 | 23/08/06  | AdvancedSlide6.gif | 26 |
| 3326 | 23/08/06  | AdvancedSlide7.gif | 31 |
| 3327 | 23/08/06  | AdvancedSlide8.gif | 20 |
| 3328 | 23/08/06  | AdvancedSlide9.gif | 17 |
| 3329 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 5-2</b> |                    |    |
| 3330 | 23/08/06  | Slide16.gif        | 19 |
| 3331 | 23/08/06  | Slide17.gif        | 25 |
| 3332 | 23/08/06  | Slide18.gif        | 25 |
| 3333 | 23/08/06  | Slide19.gif        | 27 |
| 3334 | 23/08/06  | Slide20.gif        | 28 |
| 3335 | 23/08/06  | Slide21.gif        | 29 |
| 3336 | 23/08/06  | Slide22.gif        | 27 |
| 3337 | 23/08/06  | Slide23.gif        | 18 |
| 3338 | 23/08/06  | Slide24.gif        | 29 |
| 3339 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 6-1</b> |                    |    |
| 3340 | 23/08/06  | Slide1.gif         | 46 |
| 3341 | 23/08/06  | Slide10.gif        | 54 |
| 3342 | 23/08/06  | Slide2.gif         | 46 |
| 3343 | 23/08/06  | Slide3.gif         | 45 |
| 3344 | 23/08/06  | Slide4.gif         | 55 |
| 3345 | 23/08/06  | Slide5.gif         | 46 |
| 3346 | 23/08/06  | Slide6A.gif        | 50 |
| 3347 | 23/08/06  | Slide6B.gif        | 51 |
| 3348 | 23/08/06  | Slide7.gif         | 52 |
| 3349 | 23/08/06  | Slide8.gif         | 42 |
| 3350 | 23/08/06  | Slide9.gif         | 32 |
| 3351 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images õ 6-2</b> |                    |    |
| 3352 | 23/08/06  | Slide11.gif        | 32 |
| 3353 | 23/08/06  | Slide12.gif        | 31 |
| 3354 | 23/08/06  | Slide13.gif        | 34 |
| 3355 | 23/08/06  | Slide14.gif        | 35 |
| 3356 | 23/08/06  | Slide15.gif        | 45 |
| 3357 | 23/08/06  | Slide16.gif        | 36 |
| 3358 | 23/08/06  | Slide17.gif        | 40 |



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| 3359 | 23/08/06  | Slide18.gif     | 38  |
| 3360 | 23/08/06  | Slide19.gif     | 48  |
| 3361 | 23/08/06  | Slide20.gif     | 17  |
| 3362 | 23/08/06  | Slide21.gif     | 46  |
| 3363 | 23/08/06  | Slide22.JPG.jpg | 115 |
| 3364 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images ö 6-3</b> |                 |     |
| 3365 | 23/08/06  | Slide23.gif     | 33  |
| 3366 | 23/08/06  | Slide24.gif     | 33  |
| 3367 | 23/08/06  | Slide25.gif     | 26  |
| 3368 | 23/08/06  | Slide26.gif     | 43  |
| 3369 | 23/08/06  | Slide27.gif     | 23  |
| 3370 | 23/08/06  | Slide28.jpg     | 185 |
| 3371 | 23/08/06  | Slide29.gif     | 51  |
| 3372 | 23/08/06  | Slide30.gif     | 41  |
| 3373 | 23/08/06  | Slide6AG.gif    | 24  |
| 3374 | 23/08/06  | Slide6AH.gif    | 59  |
| 3375 | 23/08/06  | Slide6AJ.gif    | 29  |
| 3376 | 23/08/06  | Slide6AK.gif    | 20  |
| 3377 | 23/08/06  | Slide6AL.gif    | 29  |
| 3378 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images ö 7</b>   |                 |     |
| 3379 | 23/08/06  | Slide1.gif      | 37  |
| 3380 | 23/08/06  | Slide10.gif     | 27  |
| 3381 | 23/08/06  | Slide11.gif     | 23  |
| 3382 | 23/08/06  | Slide12.gif     | 29  |
| 3383 | 23/08/06  | Slide2.gif      | 34  |
| 3384 | 23/08/06  | Slide3.gif      | 26  |
| 3385 | 23/08/06  | Slide4.gif      | 25  |
| 3386 | 23/08/06  | Slide5.gif      | 24  |
| 3387 | 23/08/06  | Slide6.gif      | 23  |
| 3388 | 23/08/06  | Slide7.gif      | 24  |
| 3389 | 23/08/06  | Slide8.gif      | 29  |
| 3390 | 23/08/06  | Slide9.gif      | 21  |
| 3391 | <b>Circuits imprimés &amp; flex\PCB Design &amp; Layout Images\Images ö 8</b>   |                 |     |
| 3392 | 23/08/06  | Slide1.GIF.gif  | 38  |
| 3393 | 23/08/06  | Slide10.GIF.gif | 36  |

|      |          |                 |    |
|------|----------|-----------------|----|
| 3394 | 23/08/06 | Slide11.GIF.gif | 30 |
| 3395 | 23/08/06 | Slide12.GIF.gif | 32 |
| 3396 | 23/08/06 | Slide13.GIF.gif | 19 |
| 3397 | 23/08/06 | Slide14.GIF.gif | 22 |
| 3398 | 23/08/06 | Slide15.GIF.gif | 42 |
| 3399 | 23/08/06 | Slide16.GIF.gif | 19 |
| 3400 | 23/08/06 | Slide17.GIF.gif | 17 |
| 3401 | 23/08/06 | Slide18.GIF.gif | 27 |
| 3402 | 23/08/06 | Slide19.GIF.gif | 24 |
| 3403 | 23/08/06 | Slide2.GIF.gif  | 27 |
| 3404 | 23/08/06 | Slide3.GIF.gif  | 23 |
| 3405 | 23/08/06 | Slide4.GIF.gif  | 25 |
| 3406 | 23/08/06 | Slide5.GIF.gif  | 22 |
| 3407 | 23/08/06 | Slide6.GIF.gif  | 33 |
| 3408 | 23/08/06 | Slide7.GIF.gif  | 34 |
| 3409 | 23/08/06 | Slide8.GIF.gif  | 32 |
| 3410 | 23/08/06 | Slide9.GIF.gif  | 30 |

3411

3412 **Circuits intégrés & modules**

3413

3414 **Circuits intégrés & modules\ADC et DACs**

|      |          |  |       |
|------|----------|--|-------|
| 3415 | 25/08/04 | ABCs of ADCs.pdf                                   | 784   |
| 3416 | 01/03/13 | Accurate Photonic Analog-to-Digital Conversion.pdf | 312   |
| 3417 | 27/10/11 | Audio Codecs.pdf                                   | 233   |
| 3418 | 19/05/12 | Convertisseurs ADC-DAC.pdf                         | 1170  |
| 3419 | 22/10/11 | Data Converters ADC-DAC.pdf                        | 1127  |
| 3420 | 14/10/13 | Digital trim scheme for SAR ADCs.pdf               | 277   |
| 3421 | 04/08/12 | High Speed A-D Converters.pdf                      | 1825  |
| 3422 | 13/09/08 | LECOQ - CAN & CNA.pdf                              | 1838  |
| 3423 | 25/06/14 | Mesures sur les ADC.pdf                            | 3593  |
| 3424 | 15/10/13 | State scaling of sigma-delta modulators.pdf        | 286   |
| 3425 | 03/01/13 | Successive Approximation ADCs.pdf                  | 206   |
| 3426 | 19/03/06 | Testing A-D Conversion.pdf                         | 1875  |
| 3427 | 25/06/14 | Utilisation des ADCs.pdf                           | 14948 |

3428 **Circuits intégrés & modules\BGA - PGA**

|      |   |  |      |
|------|---|--|------|
| 3429 | 05/12/03  | BGA inductance.pdf                                       | 201  |
| 3430 | 07/09/03  | PGA Guidelines.pdf                                       | 304  |
| 3431 | <b>Circuits intégrés &amp; modules\Bruits dans les CI</b>   |  |      |
| 3432 | 25/02/04  | Chip noise distribution.pdf                              | 123  |
| 3433 | 04/04/03  | EMC chip supply effect.pdf                               | 257  |
| 3434 | 24/06/03  | In-chip Noise Distribution.pdf                           | 171  |
| 3435 | 05/12/04  | Noise Distribution in Chip.pdf                           | 167  |
| 3436 | 21/11/12  | Noise Voltage by an IC Switching Current.pdf             | 977  |
| 3437 | 01/12/04  | On-Chip Power Grid.pdf                                   | 351  |
| 3438 | 25/02/04  | Telecommunication ICs.pdf                                | 32   |
| 3439 | <b>Circuits intégrés &amp; modules\Circuits analogiques</b> |  |      |
| 3440 | 02/09/07  | Analog circuits using FinFETs.pdf                        | 160  |
| 3441 | 10/09/06  | Analogue Circuits Techniques-1.pdf                       | 542  |
| 3442 | 10/09/06  | Analogue Circuits Techniques-2.pdf                       | 795  |
| 3443 | 28/10/07  | DC Performance of Bipolar Op Amps.pdf                    | 276  |
| 3444 | 24/08/12  | Designing Analog Chips.pdf                               | 2423 |
| 3445 | 11/09/05  | RFI in OPAMP Differential Input.pdf                      | 187  |
| 3446 | 14/10/13  | Susceptibility of analog circuits to substrate noise.pdf | 279  |
| 3447 | <b>Circuits intégrés &amp; modules\Circuits CMOS</b>        |  |      |
| 3448 | 28/08/01  | CMOS LSI design.pdf                                      | 313  |
| 3449 | 20/02/02  | CMOS Op amp Immunity.pdf                                 | 49   |
| 3450 | 08/02/16  | CORDIC accelerators in deep sub-micron CMOS.pdf          | 1566 |
| 3451 | 08/04/04  | MOS Scaling.pdf  | 278  |
| 3452 | <b>Circuits intégrés &amp; modules\Circuits optiques</b>    |  |      |
| 3453 | 27/08/08  | High-End Silicon PDICs.pdf                               | 348  |
| 3454 | 08/02/16  | Voltage swing and bandwidth of a SiGe driver.pdf         | 319  |
| 3455 | <b>Circuits intégrés &amp; modules\Circuits radio</b>       |  |      |
| 3456 | 03/01/13  | Interfacing RF I-Q Modulators.pdf                        | 142  |
| 3457 | 05/03/13  | Microstrip Amplifier Design.pdf                          | 406  |
| 3458 | 20/02/02  | RF IC modelling.pdf                                      | 317  |
| 3459 | 30/05/03  | RF MCM.pdf   | 84   |
| 3460 | <b>Circuits intégrés &amp; modules\Composants logiques</b>  |  |      |
| 3461 | 28/11/12  | Composants logiques - Fondements.pdf                     | 980  |
| 3462 | 28/11/12  | Composants logiques et opérateurs matériels.pdf          | 453  |
| 3463 | 31/05/09  | Modular and generic network-on-chip.pdf                  | 91   |

|      |  |  |      |
|------|--|--|------|
| 3464 | 31/12/06   | Multilayered Packages and Boards.pdf                           | 191  |
| 3465 | 30/06/09   | Nanometer CMOS Digital Circuits.pdf                            | 197  |
| 3466 | <b>Circuits intégrés &amp; modules\Conception, simulation et MaP</b> |  |      |
| 3467 | 25/05/06   | CEM cours Circuits Intégrés.pdf                                | 4151 |
| 3468 | 10/09/06   | Clock distribution.pdf   | 496  |
| 3469 | 17/03/07   | Communication monopuce.pdf                                     | 1100 |
| 3470 | 31/12/06   | CPU EMI-Reducing Interconnect Design.pdf                       | 152  |
| 3471 | 25/03/07   | Delay Evaluation & RC Interconnect.pdf                         | 250  |
| 3472 | 25/08/05   | Design notes.pdf   | 49   |
| 3473 | 05/10/06   | EMC GUIDELINES FOR AUTOMOTIVE IC.pdf                           | 410  |
| 3474 | 18/12/07   | EMC of Integrated Circuits Historic.pdf                        | 376  |
| 3475 | 05/10/06   | Improvement of System Robustness.pdf                           | 504  |
| 3476 | 08/02/16   | In-situ delay monitors for use in Adaptive Voltage Scaling.pdf | 364  |
| 3477 | 17/03/07   | Interfaçage.pdf  | 551  |
| 3478 | 18/12/07   | Load Current Funneling.pdf                                     | 139  |
| 3479 | 31/12/06   | Model Improvement & LSI Package.pdf                            | 331  |
| 3480 | 23/02/07   | Multiple Power Gating Structures.pdf                           | 91   |
| 3481 | 26/08/08   | Physical IC debug.pdf  | 638  |
| 3482 | 29/11/05   | Protection contre les fautes.pdf                               | 105  |
| 3483 | 09/09/07   | Self-Checking Combinational Circuits.pdf                       | 54   |
| 3484 | 07/12/06   | Sicard Advances in IC design.pdf                               | 4549 |
| 3485 | 31/12/06   | Simulation of IC and Package.pdf                               | 291  |
| 3486 | <b>Circuits intégrés &amp; modules\DES (ESD) sur CI</b>              |  |      |
| 3487 | 28/06/14   | ESD Protection Circuits Under Radio Wave Excitation.pdf        | 693  |
| 3488 | <b>Circuits intégrés &amp; modules\Découplage et alimentation</b>    |  |      |
| 3489 | 28/03/10   | Chip-Level Power-Bus Model.pdf                                 | 215  |
| 3490 | 11/09/05   | CPUs & Core Power Interconnect.pdf                             | 408  |
| 3491 | 06/09/05   | Embedded Capacitor Networks.pdf                                | 189  |
| 3492 | 26/09/10   | Fractal Power Network for Integrity.pdf                        | 209  |
| 3493 | 09/02/11   | IC Transient Current Measurement.pdf                           | 249  |
| 3494 | 24/02/11   | LSI with capacitors embedded in an interposer.pdf              | 710  |
| 3495 | 05/10/06   | Power and Electromagnetic Analysis.pdf                         | 1554 |
| 3496 | <b>Circuits intégrés &amp; modules\Diaphonie dans les CI</b>         |  |      |
| 3497 | 25/02/04   | Added buffer & crosstalk.pdf                                   | 192  |
| 3498 | 21/03/04   | CI couplages entre lignes.pdf                                  | 308  |

|      |  |   |      |
|------|--|---|------|
| 3499 | 24/06/03   | Crosstalk in COMS RF IC.pdf                         | 95   |
| 3500 | 24/05/03   | Diaphonie CMOS Sicard.pdf                           | 2242 |
| 3501 | 03/12/04   | TDMOM LSI Package Cross Talk.pdf                    | 286  |
| 3502 | <b>Circuits intégrés &amp; modules\Emissions et modélisation</b> |   |      |
| 3503 | 05/10/06   | Acquisition of IC EMC characteristics.pdf           | 288  |
| 3504 | 09/10/06   | Cellule TEM ... support rotatif pour CI.pdf         | 4602 |
| 3505 | 21/11/12   | Chip-Level Design for Conducted EM Emission.pdf     | 463  |
| 3506 | 11/12/07   | CMOS Buffer with LECCS-I-O Model.pdf                | 465  |
| 3507 | 29/10/08   | CMOS Inverter Using LECCS-IO.pdf                    | 243  |
| 3508 | 15/08/14   | Conducted Emission of ICs up to 3 GHz.pdf           | 822  |
| 3509 | 06/09/11   | Co-Simulation Using Lauerre-FDTD.pdf                | 564  |
| 3510 | 02/03/09   | Effect of Logic Family on RF Emissions.pdf          | 187  |
| 3511 | 20/12/04   | EMI at CPU Interconnect.pdf                         | 3670 |
| 3512 | 21/08/13   | EMI Evaluation Method for IC.pdf                    | 1842 |
| 3513 | 18/12/04   | EMI in System In Package.pdf                        | 515  |
| 3514 | 19/12/14   | EMI Measurements, Modeling, and Reduction.pdf       | 838  |
| 3515 | 21/11/03   | Emission de circuit intégré.pdf                     | 165  |
| 3516 | 12/11/08   | Emission EM de systèmes sur puce.pdf                | 5071 |
| 3517 | 30/09/07   | IC EM Emission with IEC 61967-4.pdf                 | 377  |
| 3518 | 11/01/10   | IC Emission Evolution after Aging.pdf               | 1173 |
| 3519 | 05/10/06   | IC near field probe calibration.pdf                 | 204  |
| 3520 | 19/12/04   | IC vs System-Level Emission.pdf                     | 332  |
| 3521 | 05/10/06   | Icemc Ibis Critical Embedded Systems.pdf            | 1100 |
| 3522 | 12/09/02   | LSI radiation analysis.pdf                          | 150  |
| 3523 | 17/11/14   | Modeling for a High-Speed ECL Clock Buffer.pdf      | 859  |
| 3524 | 01/10/12   | Modeling for Nonstationary Conducted Emissions.pdf  | 415  |
| 3525 | 14/02/12   | Modélisation des interconnexions BiCMOS.pdf         | 1816 |
| 3526 | 26/03/14   | Near-Field Emissions From Dipole Antennas & ICs.pdf | 399  |
| 3527 | 19/12/04   | Near-Field Magnetic Scanning.pdf                    | 453  |
| 3528 | 11/09/05   | Near-field Microcontroller Emission.pdf             | 430  |
| 3529 | 15/02/13   | Near-Field Scanning of an IC.pdf                    | 492  |
| 3530 | 19/08/09   | Parasitic Emission of a Microcontroller.pdf         | 298  |
| 3531 | 06/10/06   | Prédiction conduite par VHDL-AMS.pdf                | 1517 |
| 3532 | 03/06/12   | Prédiction de l'émission EM d'un CI.pdf             | 339  |
| 3533 | 05/12/04   | Radiated emission of an LSI.pdf                     | 148  |

|      |  |   |       |
|------|--|---|-------|
| 3534 | 10/12/07   | Radiation from 2 Processor Packages.pdf         | 187   |
| 3535 | 02/09/08   | Radio Frequency Interference.pdf                | 2830  |
| 3536 | 15/02/11   | RE of On-Chip Microwave Components.pdf          | 190   |
| 3537 | 23/11/06   | REGINA - IC TEM Cell.pdf                        | 835   |
| 3538 | 15/02/11   | RF Current Waveform of a Source Driver Chip.pdf | 363   |
| 3539 | 15/11/11   | SI-EMC Issues in High-Speed Packages.pdf        | 2542  |
| 3540 | 10/12/07   | Thermal Influence on CMOS Emission.pdf          | 286   |
| 3541 | 28/01/12   | Thèse Vrignon - Emission de puce 2005.pdf       | 8780  |
| 3542 | 20/12/04   | Validation of parasitic emission.pdf            | 399   |
| 3543 | <b>Circuits intégrés &amp; modules\Evolution des CI &amp; normes</b> |   |       |
| 3544 | 17/03/02   | 62014-3{projet}E02.pdf                          | 489   |
| 3545 | 04/04/03   | Chip-Level EMC.pdf                              | 378   |
| 3546 | 28/01/12   | CMOS High-Speed I-Os.pdf                        | 390   |
| 3547 | 16/05/05   | EMC Compo 2004.pdf                              | 11057 |
| 3548 | 30/08/08   | EMC of IC's - Advances and Issues.pdf           | 2539  |
| 3549 | 20/03/02   | EmcTechno.ppt                                   | 1123  |
| 3550 | 14/11/04   | Emerging International IC Standards.pdf         | 69    |
| 3551 | 25/05/12   | Evolution des CI-Sicard.pdf                     | 1473  |
| 3552 | 05/12/05   | High-Speed Data Serialization.pdf               | 116   |
| 3553 | 03/04/03   | IEC 61967-2 supply.pdf                          | 257   |
| 3554 | 28/11/04   | IEC 61967-4.pdf                                 | 346   |
| 3555 | 14/09/03   | Intel policy.pdf                                | 439   |
| 3556 | 23/04/13   | Low-Capacitance SCR Structure.pdf               | 672   |
| 3557 | 31/05/09   | Modular and generic network-on-chip.pdf         | 91    |
| 3558 | 05/12/05   | Multi-Gigabit Serial IOs-Transceivers.pdf       | 1745  |
| 3559 | 30/06/09   | Nanometer CMOS Digital Circuits.pdf             | 197   |
| 3560 | 26/10/08   | Particle Swarm Optimization.pdf                 | 448   |
| 3561 | <b>Circuits intégrés &amp; modules\Ground bounce &amp; SSN</b>       |   |       |
| 3562 | 25/03/07   | Buffer Delay Change & Ground Noise.pdf          | 208   |
| 3563 | 20/12/04   | DDRAM Simultaneous Switching.pdf                | 407   |
| 3564 | 03/09/07   | FDTD Power Supply Noise in Large Chips.pdf      | 1165  |
| 3565 | 30/05/03   | Ground noise.pdf                                | 135   |
| 3566 | 18/12/04   | IBIS Simultaneous Switching Noise.pdf           | 412   |
| 3567 | 25/03/07   | Minimizing Ground Bounce.pdf                    | 135   |
| 3568 | 06/09/05   | Models for Switching Noise.pdf                  | 209   |

|      |  |   |      |
|------|--|---|------|
| 3569 | 05/10/12   | MOS Circuits and Jump Behavior.pdf          | 240  |
| 3570 | 31/12/06   | Package-to-board Transition & SSN.pdf       | 287  |
| 3571 | 11/09/05   | Parasitic Inductances IC Voltage Drop.pdf   | 208  |
| 3572 | 23/12/07   | Power Noise Isolation in Chip-package.pdf   | 156  |
| 3573 | 05/10/06   | Reduced Ground Bounce and EMI.pdf           | 179  |
| 3574 | 30/09/07   | Reduced Ground Bounce CMOS.pdf              | 157  |
| 3575 | 25/03/07   | Simultaneous Switching Noise Analysis.pdf   | 304  |
| 3576 | 12/10/09   | Simultaneous Switching Noise Coupling.pdf   | 715  |
| 3577 | 07/02/11   | Simultaneous Switching Noise Simulation.pdf | 568  |
| 3578 | 29/11/04   | Simultaneous Switching Noise.pdf            | 379  |
| 3579 | 14/11/04   | Skewing Output Driver Switching.pdf         | 396  |
| 3580 | <b>Circuits intégrés &amp; modules\GTLP</b>            |   |      |
| 3581 | 16/11/02   | Backplane design.pdf                        | 370  |
| 3582 | 16/11/02   | Backplane logics.pdf                        | 184  |
| 3583 | 16/11/02   | BTL versus GTLP.pdf                         | 254  |
| 3584 | 15/11/02   | GTLP backgrounder.pdf                       | 184  |
| 3585 | 16/11/02   | GTLP FAQ.pdf                                | 507  |
| 3586 | 16/11/02   | GTLP Parallel bus.pdf                       | 596  |
| 3587 | 16/11/02   | GTLP users guide.pdf                        | 869  |
| 3588 | 15/11/02   | GTLP.pdf                                    | 603  |
| 3589 | 15/11/02   | Live_insertion_apps.pdf                     | 572  |
| 3590 | <b>Circuits intégrés &amp; modules\I2C</b>             |   |      |
| 3591 | 09/02/07   | Bis I2C.pdf                                 | 441  |
| 3592 | 12/02/07   | I2C Bus Overview.pdf                        | 4035 |
| 3593 | 09/02/07   | I2C-BUS SPECIFICATION.pdf                   | 206  |
| 3594 | <b>Circuits intégrés &amp; modules\IBIS &amp; ICEM</b> |   |      |
| 3595 | 21/03/04   | Comparaison de modèles ICEM.pdf             | 132  |
| 3596 | 17/03/02   | Ibis design.ppt                             | 2054 |
| 3597 | 05/03/04   | ICEM - A New Standard.pdf                   | 394  |
| 3598 | 17/03/02   | Icem.ppt                                    | 1042 |
| 3599 | 30/09/03   | icem_modelling.ppt                          | 1122 |
| 3600 | <b>Circuits intégrés &amp; modules\Immunité des CI</b> |   |      |
| 3601 | 28/11/10   | Adjustable Threshold of a VESFET.pdf        | 104  |
| 3602 | 25/05/12   | Alternative Measurement to IEC 62132-4.pdf  | 501  |
| 3603 | 03/09/07   | AM detection of Amplifiers.pdf              | 381  |

|      |          |  |      |
|------|----------|--|------|
| 3604 | 25/02/04 | Analog IC immunity.pdf                                   | 164  |
| 3605 | 07/09/11 | Arbitrary Waveform Generator for ICs Immunity Test.pdf   | 545  |
| 3606 | 31/03/11 | Benchmark-Modeling for a Dual-Die CPU.pdf                | 571  |
| 3607 | 03/01/11 | CMOS OpAmp Resisting to Large EMI.pdf                    | 108  |
| 3608 | 19/06/15 | Coupling Effects on CMOS Analog-Digital Converter.pdf    | 624  |
| 3609 | 08/10/08 | Coupling Transmission Line to Chip.pdf                   | 493  |
| 3610 | 31/01/12 | Direct Power Injection Test-Uncertainty and Modeling.pdf | 481  |
| 3611 | 05/06/11 | Disturbances in Microstrip Interchip Interconnects.pdf   | 1564 |
| 3612 | 10/12/07 | DPI standard & immunity of ICs.pdf                       | 180  |
| 3613 | 23/02/07 | Dynamic Margins of MOS Gates.pdf                         | 251  |
| 3614 | 26/03/14 | Effects of Electrical Stress on Emission from ICs.pdf    | 595  |
| 3615 | 10/12/07 | Embedded On-Chip EMI Protections.pdf                     | 281  |
| 3616 | 23/07/15 | EMC Design in the IC Environment.pdf                     | 437  |
| 3617 | 16/05/05 | Emc Measurements.ppt                                     | 2005 |
| 3618 | 29/01/12 | EMF Coupling to PCB Lines and IC Packages.pdf            | 328  |
| 3619 | 28/08/15 | EMI Resistant Analog Integrated Circuit Design.pdf       | 1759 |
| 3620 | 26/12/08 | EMI Susceptibility of a Kuijk Bandgap.pdf                | 354  |
| 3621 | 06/07/07 | Failure Mechanism for IC.pdf                             | 269  |
| 3622 | 16/02/02 | Flip-flop upset.pdf                                      | 59   |
| 3623 | 02/11/07 | Gummel-Poon Model for Susceptibility.pdf                 | 222  |
| 3624 | 14/11/04 | High Immunity CMOS OpAmp.pdf                             | 220  |
| 3625 | 06/07/08 | IC Conducted Susceptibility Up to 1 GHz.pdf              | 984  |
| 3626 | 29/01/12 | IC Immunity Modeling.pdf                                 | 3734 |
| 3627 | 07/09/11 | IC Pin in Case Conducted Immunity.pdf                    | 342  |
| 3628 | 11/12/06 | IC Standards for Transient Immunity.pdf                  | 672  |
| 3629 | 05/10/06 | IC Susceptibility to EFT-B.pdf                           | 287  |
| 3630 | 19/10/06 | ICIM Integrated Circuit Immunity Model.pdf               | 676  |
| 3631 | 09/12/07 | Immune OP Amp Input Stage.pdf                            | 139  |
| 3632 | 28/06/14 | Immunity for Integrated Low Side Drivers.pdf             | 590  |
| 3633 | 30/01/12 | Immunity Modeling of Integrated Circuits 2009.pdf        | 569  |
| 3634 | 31/01/12 | Immunity Modeling of Integrated Circuits.pdf             | 1717 |
| 3635 | 22/08/11 | Immunity Modeling Technique for IC.pdf                   | 131  |
| 3636 | 17/10/11 | Immunity of Smart Power Integrated Circuits.pdf          | 351  |
| 3637 | 23/07/12 | Improving CMOS Noise Immunity.pdf                        | 221  |
| 3638 | 23/02/07 | Impulse immunity for digital IC.pdf                      | 224  |



|      |  |  |      |
|------|--|--|------|
| 3639 | 01/10/12   | Increasing EMI Immunity in CMOS OpAmps.pdf               | 204  |
| 3640 | 18/08/09   | Logic Circuits Noise Margin Analysis.pdf                 | 342  |
| 3641 | 18/08/09   | Logic Noise Margin Analysis.pdf                          | 180  |
| 3642 | 14/11/04   | Low Susceptibility Voltage References.pdf                | 137  |
| 3643 | 08/03/04   | LSI GND Pin Injection.pdf                                | 109  |
| 3644 | 26/02/16   | LVDS Transceiver Increased Immunity in 0.18µm CMOS.pdf   | 839  |
| 3645 | 12/11/08   | Microcontroller Susceptibility to RFI.pdf                | 353  |
| 3646 | 26/02/16   | Modeling H Near-Field Injection at Silicon Die Level.pdf | 1046 |
| 3647 | 31/01/12   | Modeling IC Snapback Under ESD Stress.pdf                | 338  |
| 3648 | 15/02/11   | Modeling of the Immunity of ICs to EFTs.pdf              | 436  |
| 3649 | 23/01/14   | MT-096 RFI Rectification Concepts.pdf                    | 125  |
| 3650 | 22/08/06   | NASA IC Immunity Handbook.pdf                            | 1090 |
| 3651 | 23/02/11   | On Chip Filtering versus Layout Techniques.pdf           | 736  |
| 3652 | 09/12/07   | OP Amp EMI Susceptibility Model.pdf                      | 445  |
| 3653 | 28/08/01   | Op amp IC.pdf  | 76   |
| 3654 | 20/02/02   | Op amp RF interference.pdf                               | 100  |
| 3655 | 07/02/07   | Overvoltage Effects on Analog IC.pdf                     | 389  |
| 3656 | 23/07/15   | Parameters for the Integrated Circuit.pdf                | 542  |
| 3657 | 27/03/08   | Power Injection for Immunity of IC.pdf                   | 633  |
| 3658 | 31/12/14   | Predicting Field Coupling to an IC.pdf                   | 601  |
| 3659 | 15/04/11   | Prédire la susceptibilité des CI.pdf                     | 142  |
| 3660 | 23/07/15   | Pulse Immunity of Microprocessors.pdf                    | 717  |
| 3661 | 08/10/08   | Substrate Coupling for Injection in IC.pdf               | 434  |
| 3662 | 12/11/08   | Susceptibility model of CMOS inverters.pdf               | 294  |
| 3663 | 23/02/07   | Susceptibility of TTL & CMOS inverters.pdf               | 351  |
| 3664 | 28/08/15   | The Achilles' Heel of Smart Power ICs.pdf                | 1612 |
| 3665 | 05/08/08   | Transient Immunity of Microcontroller.pdf                | 946  |
| 3666 | 31/01/12   | Tutorial on ICIM Modeling 2009.pdf                       | 1340 |
| 3667 | <b>Circuits intégrés &amp; modules\Interconnexions dans les CI</b> |  |      |
| 3668 | 25/08/04   | cem-INSA.pdf   | 706  |
| 3669 | 23/05/03   | Interconnexions.pdf                                      | 1012 |
| 3670 | <b>Circuits intégrés &amp; modules\LCD</b>                         |  |      |
| 3671 | 22/12/07   | Chip level EMI for LCD TV panels.pdf                     | 215  |
| 3672 | 13/10/11   | Source Bus Line Current in LCD Panel.pdf                 | 292  |
| 3673 | <b>Circuits intégrés &amp; modules\Mesures de champ</b>            |  |      |

|      |  |   |      |
|------|--|---|------|
| 3674 | 04/10/11   | EM Cartography on a FPGA-based RSA.pdf                  | 355  |
| 3675 | 07/02/11   | Extracting IC Models using Near-Field Scanning.pdf      | 667  |
| 3676 | 01/09/08   | IC Emissions Using a TEM or GTEM Cell.pdf               | 330  |
| 3677 | 12/01/10   | IC Magnetic Emission Imaging.pdf                        | 524  |
| 3678 | 31/08/07   | IC Near-Field Scanning Method.pdf                       | 347  |
| 3679 | 20/08/09   | Multi- Chip EMC in 3G Mobile.pdf                        | 420  |
| 3680 | 08/03/04   | Near Field Measurement on LSI chip.pdf                  | 532  |
| 3681 | 28/02/11   | Near Field Scanning Techniques.pdf                      | 3647 |
| 3682 | 15/02/13   | Near-Field Scanning of an IC.pdf                        | 492  |
| 3683 | 19/08/09   | Propagation of Disturbances Inside IC.pdf               | 653  |
| 3684 | 01/09/08   | The Workbench Faraday Cage.pdf                          | 189  |
| 3685 | 28/08/11   | Unbalanced Currents in IC and TEM Cell.pdf              | 1593 |
| 3686 | <b>Circuits intégrés &amp; modules\Mémoires</b>                |   |      |
| 3687 | 28/11/12   | Mémoires ... semi-conducteurs.pdf                       | 162  |
| 3688 | 28/11/12   | Mémoires et entrées-sorties.pdf                         | 444  |
| 3689 | 30/11/05   | Using Memory Errors.pdf                                 | 175  |
| 3690 | <b>Circuits intégrés &amp; modules\Microprocesseurs et CPU</b> |   |      |
| 3691 | 13/04/15   | Core Power Distribution Network Designs.pdf             | 573  |
| 3692 | 28/11/12   | Microprocesseurs - Architectures et performances.pdf    | 181  |
| 3693 | 28/11/12   | Microprocesseurs - Classification des architectures.pdf | 189  |
| 3694 | 28/11/12   | Microprocesseurs - Exemples d'architectures.pdf         | 159  |
| 3695 | 28/11/12   | Microprocesseurs - Introduction.pdf                     | 83   |
| 3696 | 28/11/12   | Microprocesseurs - Performances et développement.pdf    | 105  |
| 3697 | 14/04/15   | Real-time Programmable Voltage Regulator.pdf            | 949  |
| 3698 | <b>Circuits intégrés &amp; modules\Microwave</b>               |   |      |
| 3699 | 25/05/12   | Time-Harmonic EME of Microwave Circuits.pdf             | 877  |
| 3700 | <b>Circuits intégrés &amp; modules\Modes de fonctionnement</b> |   |      |
| 3701 | 20/12/03   | CI alternative asynchrone.pdf                           | 256  |
| 3702 | <b>Circuits intégrés &amp; modules\Modélisation</b>            |   |      |
| 3703 | 11/05/15   | Calculating the Inductances of Bond Wires.pdf           | 302  |
| 3704 | 20/02/02   | Chiplevel simulation.pdf                                | 383  |
| 3705 | 31/10/05   | EMC model.ppt   | 2073 |
| 3706 | 09/11/13   | Full-Wave Modeling of Inductive Coupling.pdf            | 703  |
| 3707 | 30/05/03   | IC microstrip model.pdf                                 | 163  |
| 3708 | 31/10/05   | ICEM Grenoble émission.ppt                              | 3046 |

|      |   |   |      |
|------|---|---|------|
| 3709 | 18/12/04  | ICEM Model Extraction.pdf                             | 291  |
| 3710 | 08/03/04  | Load Dependency IC-LSI Modeling.pdf                   | 713  |
| 3711 | 06/03/04  | Macromodels of Drivers.pdf                            | 409  |
| 3712 | 23/06/03  | On-chip FDTD Method.pdf                               | 515  |
| 3713 | 30/05/03  | On-chip inductance model.pdf                          | 144  |
| 3714 | 30/05/03  | On-chip mutual inductance.pdf                         | 178  |
| 3715 | <b>Circuits intégrés &amp; modules\Packaging, MCM et via silicium</b> |   |      |
| 3716 | 18/08/12  | 24GHz radar sensor IC packaging.pdf                   | 909  |
| 3717 | 16/10/06  | Alternative Packaging for HF Electronics.pdf          | 2252 |
| 3718 | 09/02/11  | Analysis of VLSI and Packages.pdf                     | 632  |
| 3719 | 13/10/11  | Coaxial Through- Silicon Via (C-TSV) Interconnect.pdf | 589  |
| 3720 | 05/12/05  | Device Package User Guide.pdf                         | 847  |
| 3721 | 27/02/13  | EMC Modeling of Packaged Electronics.pdf              | 132  |
| 3722 | 23/06/03  | EMI Package Geometries.pdf                            | 242  |
| 3723 | 13/10/11  | FPGA Core PDN Design.pdf                              | 219  |
| 3724 | 31/12/06  | Hierarchical Power-Ground Network.pdf                 | 210  |
| 3725 | 07/09/03  | High Performance Package.pdf                          | 89   |
| 3726 | 03/09/06  | IC Packaging.pdf                                      | 1623 |
| 3727 | 09/12/07  | Interconnections in Multilayer MMICs.pdf              | 182  |
| 3728 | 14/08/06  | MCM-Design-Handbook-ed3.pdf                           | 1468 |
| 3729 | 06/11/11  | Package RF Interference.pdf                           | 5440 |
| 3730 | 06/03/04  | Package Structures.pdf                                | 176  |
| 3731 | 08/03/09  | Package-Aware Chip Design Flow.pdf                    | 311  |
| 3732 | 15/12/06  | Package-PCB PDN Interactions.pdf                      | 238  |
| 3733 | 07/10/06  | Physical Layer Cross-Connects.pdf                     | 84   |
| 3734 | 31/10/05  | Prismark packaging.pdf                                | 1345 |
| 3735 | 11/09/05  | Processor & Package Power Delivery.pdf                | 371  |
| 3736 | 18/12/07  | Processor Package Decoupling - Part I.pdf             | 241  |
| 3737 | 01/09/07  | Split Power Bus in Multilayered Package.pdf           | 442  |
| 3738 | 12/10/11  | Through-Silicon Via (TSV) Arrays.pdf                  | 453  |
| 3739 | 17/10/11  | Vertical Noise Coupling on LNA from On-chip SMPS.pdf  | 720  |
| 3740 | <b>Circuits intégrés &amp; modules\Radio circuits</b>                 |   |      |
| 3741 | 03/06/07  | 50-100 GHZ Integrated Circuits.pdf                    | 267  |
| 3742 | 07/03/09  | Chip and Package for Radio Systems.pdf                | 1021 |
| 3743 | 08/10/08  | Digital to RF Coupling Analysis.pdf                   | 452  |

|      |   |  |      |
|------|---|--|------|
| 3744 | 03/06/07  | EMI-EMC Mixed RF & Digital Circuits.pdf                | 396  |
| 3745 | 03/01/13  | Interfacing RF I-Q Modulators.pdf                      | 142  |
| 3746 | 20/08/09  | Multi- Chip EMC in 3G Mobile.pdf                       | 420  |
| 3747 | 11/04/08  | Nonlinear Operation of a RF MMIC.pdf                   | 1739 |
| 3748 | 19/12/14  | Radiated Emissions of Components in Mobile Devices.pdf | 397  |
| 3749 | <b>Circuits intégrés &amp; modules\Régulateurs et Références de tension</b> |  |      |
| 3750 | 16/04/15  | Buck Converters for On-Chip Integration.pdf            | 1407 |
| 3751 | 14/10/13  | Free-space capacitors in ASIC regulators.pdf           | 148  |
| 3752 | 18/08/12  | Fully-integrated LDO voltage regulator.pdf             | 238  |
| 3753 | 08/02/16  | HV circuits for power management on 65nm CMOS.pdf      | 1257 |
| 3754 | 23/12/07  | Linear Regulator & IC Emissions.pdf                    | 136  |
| 3755 | 21/03/11  | On-Chip Power Supply Regulator.pdf                     | 885  |
| 3756 | <b>Circuits intégrés &amp; modules\Roadmap ITRS</b>                         |  |      |
| 3757 | 07/02/11  | 2010 Update Overview.pdf                               | 714  |
| 3758 | 07/02/11  | 2020 EMC TECHNOLOGY ROADMAP.pdf                        | 1236 |
| 3759 | 28/08/06  | Architectures du futur.pdf                             | 415  |
| 3760 | 05/04/03  | Assembly.pdf   | 257  |
| 3761 | 28/08/06  | CAO de Circuits Intégrés Numériques.pdf                | 7087 |
| 3762 | 28/08/06  | CMOS Technology Limit.pdf                              | 124  |
| 3763 | 02/09/06  | Deep-Submicron Processes.pdf                           | 203  |
| 3764 | 05/04/03  | Design.pdf   | 253  |
| 3765 | 05/04/03  | Design2000final.pdf                                    | 40   |
| 3766 | 29/01/12  | EMC roadmap for Integrated Circuits.pdf                | 212  |
| 3767 | 28/08/06  | Future Interconnection Technology.pdf                  | 361  |
| 3768 | 28/08/06  | Future of CMOS Technology.pdf                          | 148  |
| 3769 | 28/08/06  | Future of IC Design.pdf                                | 38   |
| 3770 | 27/08/06  | Future of Nano-CMOS Technology.pdf                     | 1582 |
| 3771 | 28/08/06  | Increasing Chip Density.pdf                            | 167  |
| 3772 | 05/04/03  | Interconnect.pdf                                       | 262  |
| 3773 | 05/04/03  | Introduction 1999.pdf                                  | 231  |
| 3774 | 02/09/06  | Introduction to VLSI ASIC Design.pdf                   | 1334 |
| 3775 | 25/08/06  | IWGN Workshop Report 1999.pdf                          | 5725 |
| 3776 | 28/08/06  | Low Cost RFID systems.pdf                              | 364  |
| 3777 | 05/04/03  | Modeling Simulation 2000.pdf                           | 97   |
| 3778 | 05/04/03  | Modeling.pdf   | 172  |

|      |   |   |      |
|------|---|---|------|
| 3779 | 15/01/13  | Modeling_2012Tables.xlsx                | 102  |
| 3780 | 25/08/06  | Moore's Law.pdf                         | 287  |
| 3781 | 06/04/08  | MOS Uptime 2004.pdf                     | 1408 |
| 3782 | 02/09/06  | Nanoscale CMOS.pdf                      | 1401 |
| 3783 | 02/09/06  | Optical interconnects in Systems.pdf    | 248  |
| 3784 | 05/04/03  | ORTC roadmap.pdf                        | 210  |
| 3785 | 05/04/03  | PIDS.pdf                                | 226  |
| 3786 | 05/04/03  | Process Integration2000.pdf             | 253  |
| 3787 | 27/08/06  | Semiconductor Industry Introduction.pdf | 780  |
| 3788 | 27/08/06  | Si-Ge Strained Layer Materials.pdf      | 476  |
| 3789 | 27/08/06  | Silicon Physical Limits.pdf             | 277  |
| 3790 | 05/04/03  | System-on-chip.pdf                      | 129  |
| 3791 | 05/04/03  | Test.pdf                                | 241  |
| 3792 | <b>Circuits intégrés &amp; modules\Roadmap ITRS\ITRS 2012</b> |   |      |
| 3793 | 14/10/13  | 2012MEMS.pdf                            | 880  |
| 3794 | 14/10/13  | 2012Overview.pdf                        | 2319 |
| 3795 | 28/01/13  | AssemblyPkg_2012Tables.xlsx             | 1446 |
| 3796 | 15/01/13  | FEP_2012Tables.xlsx                     | 373  |
| 3797 | 15/01/13  | Interconnect_2012Tables.xlsx            | 169  |
| 3798 | 15/01/13  | Litho_2012Tables.xlsx                   | 220  |
| 3799 | 17/09/13  | MEMS_2012Tables.xlsx                    | 66   |
| 3800 | 15/01/13  | Metrology_2012Tables.xlsx               | 154  |
| 3801 | 15/01/13  | ORTC_2012Tables.xlsx                    | 171  |
| 3802 | 15/01/13  | PIDS_2012Tables.xlsx                    | 253  |
| 3803 | 15/01/13  | RFAMS_2012Tables.xlsx                   | 94   |
| 3804 | 28/01/13  | Test_2012Tables.xlsx                    | 480  |
| 3805 | 28/01/13  | Yield_2012Tables.xlsx                   | 231  |
| 3806 | <b>Circuits intégrés &amp; modules\Roadmap ITRS\ITRS 2013</b> |   |      |
| 3807 | 16/07/15  | 2013ERD_Summary.pdf                     | 271  |
| 3808 | 16/07/15  | 2013ERM_Summary.pdf                     | 213  |
| 3809 | 16/07/15  | 2013ESH_Summary.pdf                     | 288  |
| 3810 | 16/07/15  | 2013Factory_Summary.pdf                 | 324  |
| 3811 | 16/07/15  | 2013FEP_Summary.pdf                     | 111  |
| 3812 | 16/07/15  | 2013Interconnect_Summary.pdf            | 280  |
| 3813 | 16/07/15  | 2013Litho_Summary.pdf                   | 161  |

|      |   |   |     |
|------|---|---|-----|
| 3814 | 16/07/15  | 2013MEMS_Summary.pdf                                  | 135 |
| 3815 | 16/07/15  | 2013Metrology_Summary.pdf                             | 177 |
| 3816 | 16/07/15  | 2013Modeling_Summary.pdf                              | 214 |
| 3817 | 16/07/15  | 2013ORTC_SummaryTable.pdf                             | 53  |
| 3818 | 16/07/15  | 2013PIDS_Summary.pdf                                  | 245 |
| 3819 | 16/07/15  | 2013RFAMS_Summary.pdf                                 | 256 |
| 3820 | 16/07/15  | 2013SysDrivers_Summary.pdf                            | 437 |
| 3821 | 16/07/15  | 2013SysDrivers_SummaryTable.pdf                       | 47  |
| 3822 | 16/07/15  | 2013Test_Summary.pdf                                  | 160 |
| 3823 | 16/07/15  | 2013Yield_Summary.pdf                                 | 146 |
| 3824 | <b>Circuits intégrés &amp; modules\Structures en 3D</b>               |   |     |
| 3825 | 21/12/04  | Different 3-D Chip Structures.pdf                     | 154 |
| 3826 | 06/10/14  | Roughness of Through Silicon Vias.pdf                 | 775 |
| 3827 | 06/10/14  | Simulation of 3D stacked ICs.pdf                      | 964 |
| 3828 | 05/12/04  | Switching Noise in Multi-layer Structures.pdf         | 154 |
| 3829 | 06/10/14  | Timing Analysis for Wide IO Memory Interface.pdf      | 735 |
| 3830 | <b>Circuits intégrés &amp; modules\Substrat</b>                       |   |     |
| 3831 | 21/03/04  | Couplages avec le substrat.pdf                        | 171 |
| 3832 | 21/03/04  | Effet de substrat.pdf                                 | 84  |
| 3833 | 21/03/04  | Stratégies d'Isolation.pdf                            | 160 |
| 3834 | <b>Circuits intégrés &amp; modules\Switches analogiques</b>           |   |     |
| 3835 | 10/09/11  | AN301 DMOS FET Analog Switches.pdf                    | 321 |
| 3836 | <b>Circuits intégrés &amp; modules\Technologies, tests et modèles</b> |   |     |
| 3837 | 03/05/04  | 90 nm Intel vs Samsung.pdf                            | 260 |
| 3838 | 10/09/06  | CMOS Technology.pdf                                   | 146 |
| 3839 | 05/06/11  | Improved IC Production Yield.pdf                      | 755 |
| 3840 | 07/02/11  | On Chip Filtering vs Layout Techniques.pdf            | 378 |
| 3841 | 03/09/07  | Parasitic Emission in Submicron CMOS.pdf              | 790 |
| 3842 | 31/08/07  | RC Models for Semiconductor Substrate.pdf             | 181 |
| 3843 | 08/04/04  | Silicon Nitride.pdf                                   | 224 |
| 3844 | 10/09/06  | Testing of Integrated Circuits.pdf                    | 834 |
| 3845 | <b>Circuits intégrés &amp; modules\Température et consommation</b>    |   |     |
| 3846 | 03/01/13  | Accuracy Over Temperature for RMS Power Detectors.pdf | 101 |
| 3847 | 29/02/12  | Balancing GBWP & quiescent current dissipation.pdf    | 447 |
| 3848 | 18/08/12  | Countermeasures against NBTI degradation.pdf          | 156 |

|      |   |  |     |
|------|---|--|-----|
| 3849 | 02/02/12  | Gain Bandwidth Product and quiescent current.pdf | 446 |
| 3850 | <b>Circuits intégrés &amp; modules\VLSI &amp; DSP</b> |  |     |
| 3851 | 30/05/09  | Longitudinal amplitude & phase information.pdf   | 170 |
| 3852 | 20/02/02  | VLSI decoupling concept.pdf                      | 405 |
| 3853 | 31/05/09  | VLSI design for parallel algorithms.pdf          | 109 |
| 3854 | 19/02/02  | VLSI supply topology.pdf                         | 154 |

3855

3856 **Composants filtres et limiteurs**

3857

|      |  |  |      |
|------|--|--|------|
| 3858 | <b>Composants filtres et limiteurs/Composants actifs</b>       |  |      |
| 3859 | 03/10/12   | Alternatives to Optocouplers.pdf                         | 348  |
| 3860 | 13/06/14   | Circuiterie de base en analogique.pdf                    | 1358 |
| 3861 | 10/03/09   | Diode Circuits.pdf                                       | 279  |
| 3862 | 20/08/09   | Electrothermal Nonlinear FET Modeling.pdf                | 194  |
| 3863 | 30/12/06   | Low Dropout Voltage Regulators.pdf                       | 526  |
| 3864 | 13/11/04   | Memory DIMM Power Distribution.pdf                       | 204  |
| 3865 | 17/10/14   | Monitoring Transistor Degradation in Power Inverters.pdf | 668  |
| 3866 | 02/03/12   | MOSFETs Basics.pdf                                       | 379  |
| 3867 | 13/11/04   | Optical Transceivers Radiations.pdf                      | 198  |
| 3868 | 29/03/09   | PIN Diode Circuit Handbook.pdf                           | 885  |
| 3869 | 29/03/09   | Rectifier Applications Handbook.pdf                      | 1821 |
| 3870 | 06/07/08   | Thermal Transient of GaAs FETs.pdf                       | 335  |
| 3871 | <b>Composants, filtres et limiteurs\Composants magnétiques</b> |  |      |
| 3872 | 22/05/14   | Baluns & Symétriseurs.pdf                                | 5701 |
| 3873 | 11/10/11   | Behavioral Circuit Modeling of Chokes.pdf                | 149  |
| 3874 | 16/10/11   | CM Choke Investigation for Low Pass Filter.pdf           | 864  |
| 3875 | 16/10/12   | CM Current Reduction Using Ferrites.pdf                  | 260  |
| 3876 | 06/09/11   | Common Mode Choke for 5 Gbps USB 3.pdf                   | 456  |
| 3877 | 10/02/16   | Common mode chokes and optimisation aspects.pdf          | 370  |
| 3878 | 01/12/04   | Common-mode Core for UTP.pdf                             | 466  |
| 3879 | 27/08/08   | DC Biasing & Transformer's Sound.pdf                     | 253  |
| 3880 | 04/05/12   | Designing Low Cost Magnetic Components.pdf               | 1601 |
| 3881 | 25/07/08   | Designing Planar Magnetics.pdf                           | 522  |
| 3882 | 10/10/11   | Ferrite Bead Model Extraction.pdf                        | 363  |
| 3883 | 12/12/06   | Ferrites for PCB EMI Suppression .pdf                    | 128  |

|      |  |  |      |
|------|--|--|------|
| 3884 | 17/02/03   | Filter Inductor Design.pdf                                     | 68   |
| 3885 | 17/06/10   | Green Power Würth Elektronik.pdf                               | 3623 |
| 3886 | 30/08/07   | In-Circuit CM Chokes Characterization.pdf                      | 158  |
| 3887 | 03/03/14   | Inductors Practical Design 2.pdf                               | 361  |
| 3888 | 03/03/14   | Inductors Practical Design.pdf                                 | 954  |
| 3889 | 10/10/11   | Modeling SMT Ferrite Beads for SPICE.pdf                       | 489  |
| 3890 | 04/02/16   | Nanocrystalline Materials for CM Chokes and Transformers.pdf   | 339  |
| 3891 | 13/10/09   | Planar Inductor with Capacitance Cancellation.pdf              | 239  |
| 3892 | 04/02/16   | Simulating Saturation Behavior of Common Mode Chokes.pdf       | 473  |
| 3893 | 30/12/15   | Simulating Saturation Behavior of Inductive Components.pdf     | 243  |
| 3894 | 08/03/16   | TDK Power Chokes.pdf   | 178  |
| 3895 | 09/05/06   | Variations sur les inductances de MC.pdf                       | 128  |
| 3896 | <b>Composants, filtres et limiteurs\Composants passifs (R &amp; C)</b> |  |      |
| 3897 | 19/06/05   | Capacitance SPICE model.pdf                                    | 194  |
| 3898 | 20/12/04   | Current from SMT Capacitors.pdf                                | 243  |
| 3899 | 25/02/04   | Decoupling effect.pdf  | 217  |
| 3900 | 23/06/03   | Decoupling without planes.pdf                                  | 163  |
| 3901 | 02/12/08   | Embedded Passives.pdf  | 1510 |
| 3902 | 23/12/15   | Mutual Coupling to Decrease Capacitor Parasitic Inductance.pdf | 404  |
| 3903 | 23/09/13   | Secret Lives of Capacitors, Inductors & Resistors.pdf          | 648  |
| 3904 | <b>Composants, filtres et limiteurs\Condensateurs</b>                  |  |      |
| 3905 | 25/12/07   | 3-Phase Winding Cap Cancellation.pdf                           | 900  |
| 3906 | 14/05/15   | Advances in Low ESR Technology.pdf                             | 810  |
| 3907 | 22/05/12   | AVX Capacitors schemes Low Inductance.pdf                      | 69   |
| 3908 | 12/01/12   | Capacitor Application Issues.pdf                               | 338  |
| 3909 | 30/05/03   | Capacitor design.pdf   | 227  |
| 3910 | 30/05/03   | Capacitor DF.pdf   | 399  |
| 3911 | 09/04/07   | Capacitors characteristics.pdf                                 | 2901 |
| 3912 | 29/12/05   | capacitors NEC-Tokin.pdf                                       | 569  |
| 3913 | 13/10/09   | Caps with Inductance Cancellation.pdf                          | 275  |
| 3914 | 16/08/12   | Condensateurs.pdf  | 1475 |
| 3915 | 25/02/04   | Decoupling cap topology.pdf                                    | 236  |
| 3916 | 14/09/03   | Decoupling cap.pdf   | 362  |
| 3917 | 21/02/02   | Decoupling caps.pdf  | 68   |
| 3918 | 09/01/09   | Dielectric Absorption.pdf                                      | 178  |



|      |   |   |      |
|------|---|---|------|
| 3919 | 05/02/07  | Embedded Capacitance Results.pdf                  | 1549 |
| 3920 | 26/04/11  | Embedded Capacitors Technology.pdf                | 1013 |
| 3921 | 14/01/08  | Embedded Decoupling Capacitors.pdf                | 614  |
| 3922 | 19/12/04  | EMI Capacitors.pdf                                | 225  |
| 3923 | 13/10/09  | Equivalent Parallel Capacitance Cancellation.pdf  | 279  |
| 3924 | 20/12/04  | High Dielectric Constant Thin Film.pdf            | 452  |
| 3925 | 21/09/13  | Hybrid Capacitors with High Specific Power.pdf    | 52   |
| 3926 | 21/04/12  | Impedance association capacités découplage.pdf    | 111  |
| 3927 | 26/03/14  | Inductance Cancellation for SMT Caps.pdf          | 1456 |
| 3928 | 03/09/07  | Low-Pass Filter with 4-Pin Capacitor.pdf          | 160  |
| 3929 | 26/09/14  | MTI TN095 Capacitor Noise.pdf                     | 235  |
| 3930 | 22/03/04  | Multi-layer Co-fired Ceramic.pdf                  | 297  |
| 3931 | 20/02/02  | SMT decoupling design.pdf                         | 209  |
| 3932 | 28/10/07  | Two-Capacitor Low-Pass Filters.pdf                | 374  |
| 3933 | 20/12/04  | X2Y Technology on a PCB.pdf                       | 469  |
| 3934 | <b>Composants, filtres et limiteurs\Conducteurs</b>               |   |      |
| 3935 | 30/06/09  | Current Distribution in a Flat Conductor.pdf      | 159  |
| 3936 | 19/06/05  | Protections filaires.pdf                          | 147  |
| 3937 | 31/12/06  | Series Filtering in Coupled-Strip.pdf             | 151  |
| 3938 | <b>Composants, filtres et limiteurs\Filtres CEM (EMI Filters)</b> |   |      |
| 3939 | 13/11/04  | æA Leakage Current EMI Filter.pdf                 | 91   |
| 3940 | 29/01/12  | 800 MHz split-ring resonators.pdf                 | 217  |
| 3941 | 10/01/11  | AC line filter ``Pentaleadsii.pdf                 | 132  |
| 3942 | 19/06/05  | Atténuation minimale.pdf                          | 252  |
| 3943 | 20/12/04  | Better DC Power Filtering.pdf                     | 843  |
| 3944 | 15/02/13  | Broad-Band Modeling of Passive Filters.pdf        | 1510 |
| 3945 | 13/10/09  | Characterization of Power-Line Filters 2.pdf      | 64   |
| 3946 | 26/10/08  | Characterization of Power-Line Filters.pdf        | 203  |
| 3947 | 20/12/04  | CM & DM EMI Power-Line Filters.pdf                | 157  |
| 3948 | 22/02/11  | Common-Mode Filter for RF EMI Control.pdf         | 1038 |
| 3949 | 02/02/08  | CORCOM Feedthrough Filters Instal.pdf             | 36   |
| 3950 | 12/01/10  | Design of Noise Suppression Filters.pdf           | 292  |
| 3951 | 19/06/05  | Dissipative filters.pdf                           | 136  |
| 3952 | 26/09/10  | DM to CM Due to Filter Unbalance.pdf              | 378  |
| 3953 | 29/07/09  | Effects of parasitic parameters on EMI filter.pdf | 459  |

|      |          |   |      |
|------|----------|---|------|
| 3954 | 25/05/12 | EMI Filter Magnetic Near-Field Emissions.pdf                      | 775  |
| 3955 | 10/11/15 | EMI RFI Genisco Filter Selection Guide.pdf                        | 707  |
| 3956 | 15/08/06 | EPCOS EMC Filter.pdf  | 255  |
| 3957 | 21/08/09 | Evaluating Multi-Line EMI Filters.pdf                             | 1760 |
| 3958 | 26/02/09 | FDTD & I-O Line EMI Filtering Design.pdf                          | 147  |
| 3959 | 21/08/13 | Filter Design Under High 50-Hz Current Load.pdf                   | 408  |
| 3960 | 28/02/10 | Filter Leakage currents.pdf                                       | 111  |
| 3961 | 28/11/04 | Filter Suppression Capability.pdf                                 | 216  |
| 3962 | 06/05/14 | Filter Topology for Optimal Performance.pdf                       | 1226 |
| 3963 | 17/04/15 | Filters Affect Power Line Voltages.pdf                            | 1472 |
| 3964 | 19/11/13 | HF Performance of Planar CM EMI Filter.pdf                        | 384  |
| 3965 | 11/12/06 | IEEE 1560 Filter Measurement.pdf                                  | 942  |
| 3966 | 17/04/15 | Impedance Call the Tune in Filter Design.pdf                      | 936  |
| 3967 | 03/03/14 | Input EMI Filter Design for Dimmer 2.pdf                          | 694  |
| 3968 | 03/03/14 | Input EMI Filter Design for Dimmer.pdf                            | 1696 |
| 3969 | 28/06/04 | Input Filter Design.pdf   | 277  |
| 3970 | 30/03/10 | Interresonator Tapped-In Coupling.pdf                             | 386  |
| 3971 | 18/02/02 | I-O filters.pdf   | 65   |
| 3972 | 09/08/05 | Lindgreen filters.pdf   | 153  |
| 3973 | 22/01/07 | Low Cost Filter for Small DC Motors.pdf                           | 1149 |
| 3974 | 16/05/14 | Magnetic Parameters for a Planar EMI Filter.pdf                   | 253  |
| 3975 | 13/01/08 | Measurement of Radio Interference Filter.pdf                      | 769  |
| 3976 | 14/11/04 | Miniaturized C-M Filter.pdf                                       | 267  |
| 3977 | 20/08/09 | Multilayer Common Mode Filter.pdf                                 | 205  |
| 3978 | 22/02/11 | Near-Field Coupling of EMC Filter.pdf                             | 281  |
| 3979 | 11/07/12 | Optimization of a CM Suppression Filter.pdf                       | 219  |
| 3980 | 11/05/15 | Parasitic Inductance Cancellation for Shunt Capacitor Filters.pdf | 302  |
| 3981 | 17/08/06 | Power Quality & Line Filter.pdf                                   | 1439 |
| 3982 | 03/09/08 | Practical EMI Filter Design.pdf                                   | 2087 |
| 3983 | 03/01/11 | Series-Connected Grounding of CM EMI Filter.pdf                   | 91   |
| 3984 | 11/07/02 | SMT filters.pdf   | 213  |
| 3985 | 07/03/04 | S-parameter for EMI Filters.pdf                                   | 343  |
| 3986 | 19/08/09 | Sub-Octave-Tunable Microstrip Notch Filter.pdf                    | 334  |
| 3987 | 26/09/10 | Susceptibility of an EM BandGap Filter.pdf                        | 230  |
| 3988 | 01/04/12 | TVS Design Guide_5.pdf  | 747  |

|      |   |   |      |
|------|---|---|------|
| 3989 | 13/10/09  | Ultra-Wide Bandwidth EMI Filter.pdf                         | 416  |
| 3990 | 20/08/09  | Ultra-Wideband Compact Compline Filters.pdf                 | 242  |
| 3991 | 19/06/05  | Worst case filter.pdf                                       | 198  |
| 3992 | 05/05/09  | X2Y GSM RFI Suppression.pdf                                 | 380  |
| 3993 | <b>Composants, filtres et limiteurs\Filtres de signaux</b>                            |   |      |
| 3994 | 20/12/04  | 25 Years of EMC Components.pdf                              | 69   |
| 3995 | 03/12/15  | AN1021 LC Filter Design & Analysis.pdf                      | 121  |
| 3996 | 03/12/15  | AN155 Data Line Filtering.pdf                               | 169  |
| 3997 | 23/12/15  | Common-Mode Filters With Interdigital Fingers.pdf           | 560  |
| 3998 | 10/02/16  | Design of output filters for audio class-D amplifiers.pdf   | 244  |
| 3999 | <b>Composants, filtres et limiteurs\Limiteurs de surintensité</b>                     |   |      |
| 4000 | 09/04/07  | Overcurrent Circuit Protectors.pdf                          | 409  |
| 4001 | <b>Composants, filtres et limiteurs\Limiteurs de surtensions (MOV, TVS &amp; SPD)</b> |   |      |
| 4002 | 13/01/14  | AC-Coupled Plasma Limiter Elements.pdf                      | 270  |
| 4003 | 28/03/08  | Capacité thermique des ZnO.pdf                              | 171  |
| 4004 | 16/10/11  | Chokeless Line Filters with Surge Protection.pdf            | 425  |
| 4005 | 23/12/15  | Comparison of Metal Oxide Arrester Blocks.pdf               | 480  |
| 4006 | 15/02/16  | Continuation of surge life of TVS.pdf                       | 3674 |
| 4007 | 09/11/08  | Coordination of cascaded SPDs.pdf                           | 566  |
| 4008 | 02/05/15  | Data Assessment for Electrical Surge Protection Devices.pdf | 499  |
| 4009 | 10/02/16  | Electrical transport in Zinc Oxide varistors.pdf            | 452  |
| 4010 | 11/05/03  | IEEE-TVS.pdf  | 142  |
| 4011 | 18/02/16  | Introduction to TVS Devices.pdf                             | 110  |
| 4012 | 15/08/06  | Multilayer Varistor Filters.pdf                             | 288  |
| 4013 | 17/07/08  | SPD for PV - DEHN.pdf                                       | 228  |
| 4014 | 31/12/14  | SPD Protection Distances to Appliances.pdf                  | 426  |
| 4015 | 24/01/07  | Surge Protection in LV AC Power.pdf                         | 233  |
| 4016 | 20/05/08  | Surge Protection Semiconductor Device.pdf                   | 364  |
| 4017 | 04/12/05  | Surge Protectors Coordination.pdf                           | 478  |
| 4018 | 18/04/09  | Surge Suppression Fundamentals.pdf                          | 2174 |
| 4019 | 01/09/11  | The Truth of Surge Protection 2008.pdf                      | 921  |
| 4020 | 16/08/06  | Varistor Energy Tests.pdf                                   | 361  |
| 4021 | 29/04/08  | Vieillessement varistance.pdf                               | 214  |
| 4022 | 16/06/07  | ZnO Thin Films.pdf  | 163  |
| 4023 | <b>Composants, filtres et limiteurs\Résisteurs</b>                                    |   |      |

|      |  |   |      |
|------|--|---|------|
| 4024 | 07/03/09   | DC Standard Resistors.pdf                               | 309  |
| 4025 | 30/01/07   | Ohmic Resistors.pdf                                     | 118  |
| 4026 | <b>Composants, filtres et limiteurs\Transzorb, Transil</b> |   |      |
| 4027 | 18/02/16   | Cross Referencing TVS Devices.pdf                       | 692  |
| 4028 | 18/02/16   | Parallel Stacking of Silicon TVSs.pdf                   | 577  |
| 4029 | 18/02/16   | Parasitic Capacitance in TVSs.pdf                       | 225  |
| 4030 | 23/11/13   | Parasitic Inductance on Effectiveness of TVS Diodes.pdf | 826  |
| 4031 | 18/02/16   | Parasitic Lead Inductance of TVS.pdf                    | 581  |
| 4032 | 18/02/16   | Selection of a TVS for DO-160.pdf                       | 153  |
| 4033 | 18/02/16   | Temperature Derating of Silicon TVS.pdf                 | 172  |
| 4034 | 15/11/12   | Thermique des Diodes Transil.pdf                        | 1763 |
| 4035 | 02/09/11   | Time-Domain Protection Diode Modeling.pdf               | 498  |
| 4036 | 17/05/13   | TVS Modeling.pdf  | 191  |
| 4037 | 17/05/13   | TVS Protection Circuits with SPICE.pdf                  | 1832 |
| 4038 | 11/09/14   | Typical TVS Applications.pdf                            | 45   |
| 4039 | 18/02/16   | Unidirectional - Bi-directional TVS Differences.pdf     | 158  |
| 4040 | 18/02/16   | Upscreening Commercial TVS Diodes for Aviation.pdf      | 129  |
| 4041 | 11/09/14   | Vishay TVS application note.pdf                         | 49   |
| 4042 | 18/02/16   | Zeners and TVSs - What are the differences.pdf          | 131  |

4043

## 4044 Conception et mise au point CEM

4045

|      |          |   |      |
|------|----------|---|------|
| 4046 | 28/08/08 | Advanced EMI Analysis Methods.pdf             | 554  |
| 4047 | 02/03/08 | Advanced PCB design and layout.pdf            | 6177 |
| 4048 | 23/01/12 | Analog design in the 21st century.pdf         | 575  |
| 4049 | 04/08/06 | Analog-Digital Conversion.pdf                 | 2285 |
| 4050 | 02/07/12 | Analogique non linéaire.pdf                   | 105  |
| 4051 | 18/09/08 | Antenna to PCB Traces Coupling.pdf            | 167  |
| 4052 | 26/03/15 | Basic EMI and the Source of Emissions.pdf     | 586  |
| 4053 | 28/07/07 | BBC093-Taming of the Gyrator.pdf              | 525  |
| 4054 | 28/08/08 | Block-by-Block Path Analysis & Design.pdf     | 1786 |
| 4055 | 31/08/08 | Broadband HF Differential Coupler.pdf         | 261  |
| 4056 | 30/05/03 | CEM IUT.pdf                                   | 1834 |
| 4057 | 29/08/08 | CEM08-E-Sicard Composants.pdf                 | 2180 |
| 4058 | 10/02/16 | Class D power amplifier using delay lines.pdf | 307  |

|      |          |   |      |
|------|----------|---|------|
| 4059 | 13/01/08 | Compliance System Investigation.pdf                               | 1012 |
| 4060 | 03/06/15 | Concevoir un produit conforme CE en CEM.pdf                       | 1897 |
| 4061 | 07/11/15 | Controlling EMI Issues in Power Electronics Designs.pdf           | 3775 |
| 4062 | 18/08/12 | Coupling path on the conducted emission.pdf                       | 423  |
| 4063 | 22/10/06 | Design for EMC Part 6- ESD, dips and dropouts, etc..webarchive    | 1144 |
| 4064 | 22/10/06 | Design techniques 3- Filters and SPDs without graphics.webarchive | 329  |
| 4065 | 22/10/06 | Design Techniques for EMC - part 4.webarchive                     | 655  |
| 4066 | 22/10/06 | Design Techniques for EMC - part 5.webarchive                     | 539  |
| 4067 | 22/10/06 | Design Techniques for EMC- cables and connectors.webarchive       | 478  |
| 4068 | 22/10/06 | Design Techniques for EMC Part 1-1.webarchive                     | 455  |
| 4069 | 22/10/06 | Design Techniques for EMC Part 1-2.webarchive                     | 241  |
| 4070 | 22/10/06 | Design Techniques for EMC Part 2-1.webarchive                     | 1035 |
| 4071 | 23/08/06 | Design Techniques for EMC Part 2-2.webarchive                     | 706  |
| 4072 | 16/08/06 | Design Techniques Part 1.pdf                                      | 931  |
| 4073 | 16/08/06 | Design Techniques Part 2.pdf                                      | 418  |
| 4074 | 18/08/06 | Design Techniques Part 3.pdf                                      | 324  |
| 4075 | 16/08/06 | Design Techniques Part 4.pdf                                      | 591  |
| 4076 | 02/03/08 | Design Techniques Part 4-2.pdf                                    | 325  |
| 4077 | 22/08/06 | Design Techniques Part 5.pdf                                      | 740  |
| 4078 | 02/03/08 | Design Techniques Part 5-2.pdf                                    | 762  |
| 4079 | 16/08/06 | Design Techniques Part 6.pdf                                      | 1970 |
| 4080 | 02/11/08 | DStan 00-970 P1S4_06 Conception.pdf                               | 5251 |
| 4081 | 29/07/15 | Efficient Suppression of Interference in Modules.pdf              | 344  |
| 4082 | 12/04/06 | Electromagnetic Coupling.pdf                                      | 236  |
| 4083 | 11/10/13 | EMC Consultant's Tool Kit.pdf                                     | 1764 |
| 4084 | 01/01/09 | EMC control for heavy projects.pdf                                | 196  |
| 4085 | 17/04/15 | EMC Design Fundamentals.pdf                                       | 1527 |
| 4086 | 23/01/14 | EMC Design Guidelines (F2 Labs).pdf                               | 126  |
| 4087 | 01/08/15 | EMC Design Reviews.pdf  | 124  |
| 4088 | 18/09/15 | EMC Design Rule Checking.pdf                                      | 1192 |
| 4089 | 04/02/07 | EMC FAQ.pdf   | 2926 |
| 4090 | 14/09/03 | EMC Testing Part 1.pdf  | 930  |
| 4091 | 14/09/03 | EMC Testing Part 2.pdf  | 537  |
| 4092 | 14/09/03 | EMC Testing Part 3.pdf  | 490  |
| 4093 | 14/09/03 | EMC Testing Part 4.pdf  | 601  |

|      |          |   |       |
|------|----------|---|-------|
| 4094 | 23/08/05 | EMC Testing Part 5.pdf                              | 344   |
| 4095 | 14/09/03 | EMC Testing Part 6.pdf                              | 508   |
| 4096 | 14/09/03 | EMC Testing Part 7.pdf                              | 385   |
| 4097 | 09/06/03 | EMC-Safety.pdf                                      | 180   |
| 4098 | 04/01/05 | EMI Control Plan.pdf                                | 72    |
| 4099 | 28/08/08 | EMI measurements & estimation.pdf                   | 385   |
| 4100 | 21/08/09 | EMI-EMC Right the First Time.pdf                    | 2933  |
| 4101 | 04/06/15 | Engineering a System & Technical Integration.pdf    | 5867  |
| 4102 | 25/06/14 | Etude de cas - Cartes mixtes.pdf                    | 11674 |
| 4103 | 13/09/06 | Fact Sheets 1 to 7.pdf                              | 707   |
| 4104 | 24/08/09 | Future EMI Concepts.pdf                             | 141   |
| 4105 | 26/03/15 | Grounding - Todd Hubing.pdf                         | 1191  |
| 4106 | 08/10/08 | Grounding & Performance of WWAN.pdf                 | 198   |
| 4107 | 24/02/11 | Guard Against Preamplifier Saturation.pdf           | 645   |
| 4108 | 20/08/09 | High Power High Frequency Coils.pdf                 | 425   |
| 4109 | 04/08/06 | Housekeeping Techniques.pdf                         | 4011  |
| 4110 | 29/07/15 | How to Get the Design Right the First Time.pdf      | 242   |
| 4111 | 09/10/14 | Human Resources in Hardware Security.pdf            | 367   |
| 4112 | 28/06/14 | Identification of Coupling Paths.pdf                | 400   |
| 4113 | 20/08/09 | Increasing immunity test levels.pdf                 | 123   |
| 4114 | 05/10/12 | In-situ delay monitors.pdf                          | 364   |
| 4115 | 19/11/11 | Instability Due to Capacitive Loading.pdf           | 381   |
| 4116 | 20/01/05 | Intel Pentium AN 970.pdf                            | 224   |
| 4117 | 05/12/05 | Jitter Effects in Modern Systems.pdf                | 1119  |
| 4118 | 21/10/15 | LFT Derivation of Uncertain Electrical Circuits.pdf | 566   |
| 4119 | 11/01/08 | Low cost noise sources.pdf                          | 221   |
| 4120 | 10/09/06 | Modular Electronics-2.pdf                           | 335   |
| 4121 | 28/08/08 | Noise Figure & Gain Compressions.pdf                | 152   |
| 4122 | 30/07/11 | Nokia EMC Design.pdf                                | 686   |
| 4123 | 12/01/08 | Numerical EM Tools in Design.pdf                    | 1366  |
| 4124 | 31/07/08 | Op Amps.pdf   | 347   |
| 4125 | 14/10/13 | Optimal design of active EMC filters.pdf            | 341   |
| 4126 | 16/04/15 | PC Client Platform RFI Risks and Mitigation.pdf     | 918   |
| 4127 | 30/07/11 | PCB Design for EMI-EMC Compliance.pdf               | 292   |
| 4128 | 20/01/05 | Pericom AN011.pdf                                   | 88    |

|      |   |  |      |
|------|---|--|------|
| 4129 | 19/08/09  | Planar Spiral High Power HF Coils.pdf          | 326  |
| 4130 | 28/06/14  | Practical Visualization of Coupling Paths.pdf  | 707  |
| 4131 | 18/08/12  | Precise Voltage Reference.pdf                  | 440  |
| 4132 | 17/05/13  | Pulse-width modulated DAC throughput.pdf       | 1042 |
| 4133 | 19/08/12  | Reliability analysis of buffer stage.pdf       | 271  |
| 4134 | 31/07/08  | Resonance, Bandwidth, Q factor.pdf             | 82   |
| 4135 | 31/08/08  | RF Engineering Basic Concepts.pdf              | 1188 |
| 4136 | 30/05/09  | Semiconductor circuit design reliability.pdf   | 545  |
| 4137 | 22/10/11  | Simple reverse polarity protection circuit.pdf | 406  |
| 4138 | 19/06/05  | Solutions de protection.pdf                    | 308  |
| 4139 | 17/03/07  | Systèmes combinatoires.pdf                     | 659  |
| 4140 | 24/09/13  | Ten Best Ways to Maximize Radiations !.pdf     | 139  |
| 4141 | 24/09/13  | Ten Best Ways to Maximize Radiations!.pdf      | 139  |
| 4142 | 08/04/07  | Ten Commandments.pdf                           | 1157 |
| 4143 | 24/08/09  | The Current Return Path.pdf                    | 647  |
| 4144 | 28/10/13  | Troubleshooting EMI Embed Designs.pdf          | 282  |
| 4145 | 12/01/08  | UWB Transceiver SiP for Short Range.pdf        | 425  |
| 4146 | 04/10/11  | VR Noise Sources through Near Field Scan.pdf   | 870  |
| 4147 | 09/11/15  | Why 50% of Products Fail EMC Testing.pdf       | 325  |
| 4148 | 29/07/15  | Why Didn't I See This Coming?.pdf              | 560  |
| 4149 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 1-1</b> |  |      |
| 4150 | 23/08/06  | Slide1.gif                                     | 20   |
| 4151 | 23/08/06  | Slide10.gif                                    | 21   |
| 4152 | 23/08/06  | Slide11.gif                                    | 22   |
| 4153 | 23/08/06  | Slide2.gif                                     | 33   |
| 4154 | 23/08/06  | Slide3.gif                                     | 72   |
| 4155 | 23/08/06  | Slide4.gif                                     | 19   |
| 4156 | 23/08/06  | Slide5.gif                                     | 67   |
| 4157 | 23/08/06  | Slide6.gif                                     | 27   |
| 4158 | 23/08/06  | Slide7.gif                                     | 33   |
| 4159 | 23/08/06  | Slide8.gif                                     | 22   |
| 4160 | 23/08/06  | Slide9.gif                                     | 27   |
| 4161 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 1-2</b> |  |      |
| 4162 | 23/08/06  | Slide12.gif                                    | 24   |
| 4163 | 23/08/06  | Slide13.gif                                    | 31   |

|      |   |             |    |
|------|---|-------------|----|
| 4164 | 23/08/06  | Slide14.gif | 29 |
| 4165 | 23/08/06  | Slide15.gif | 40 |
| 4166 | 23/08/06  | Slide16.gif | 21 |
| 4167 | 23/08/06  | Slide17.gif | 32 |
| 4168 | 23/08/06  | Slide18.gif | 28 |
| 4169 | 23/08/06  | Slide19.gif | 29 |
| 4170 | 23/08/06  | Slide20.gif | 29 |
| 4171 | 23/08/06  | Slide21.gif | 24 |
| 4172 | 23/08/06  | Slide22.gif | 22 |
| 4173 | 23/08/06  | Slide23.gif | 27 |
| 4174 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 2-1</b> |             |    |
| 4175 | 23/08/06  | Slide1.gif  | 64 |
| 4176 | 23/08/06  | Slide10.gif | 48 |
| 4177 | 23/08/06  | Slide11.gif | 61 |
| 4178 | 23/08/06  | Slide12.gif | 47 |
| 4179 | 23/08/06  | Slide13.gif | 55 |
| 4180 | 23/08/06  | Slide14.gif | 54 |
| 4181 | 23/08/06  | Slide15.gif | 95 |
| 4182 | 23/08/06  | Slide16.gif | 70 |
| 4183 | 23/08/06  | Slide17.gif | 54 |
| 4184 | 23/08/06  | Slide2.gif  | 47 |
| 4185 | 23/08/06  | Slide3.gif  | 61 |
| 4186 | 23/08/06  | Slide4.gif  | 41 |
| 4187 | 23/08/06  | Slide5.gif  | 48 |
| 4188 | 23/08/06  | Slide6.gif  | 55 |
| 4189 | 23/08/06  | Slide7.gif  | 49 |
| 4190 | 23/08/06  | Slide8.gif  | 43 |
| 4191 | 23/08/06  | Slide9.gif  | 56 |
| 4192 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 2-2</b> |             |    |
| 4193 | 23/08/06  | Slide18.gif | 32 |
| 4194 | 23/08/06  | Slide19.gif | 28 |
| 4195 | 23/08/06  | Slide20.gif | 51 |
| 4196 | 23/08/06  | Slide21.gif | 31 |
| 4197 | 23/08/06  | Slide22.gif | 25 |
| 4198 | 23/08/06  | Slide23.gif | 25 |



|      |   |             |    |
|------|---|-------------|----|
| 4199 | 23/08/06  | Slide24.gif | 58 |
| 4200 | 23/08/06  | Slide25.gif | 57 |
| 4201 | 23/08/06  | Slide26.gif | 36 |
| 4202 | 23/08/06  | Slide27.gif | 21 |
| 4203 | 23/08/06  | Slide28.gif | 53 |
| 4204 | 23/08/06  | Slide29.gif | 18 |
| 4205 | 23/08/06  | Slide30.gif | 25 |
| 4206 | 23/08/06  | Slide31.gif | 29 |
| 4207 | 23/08/06  | Slide32.gif | 25 |
| 4208 | 23/08/06  | Slide33.gif | 23 |
| 4209 | 23/08/06  | Slide34.gif | 24 |
| 4210 | 23/08/06  | Slide35.gif | 21 |
| 4211 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 3</b> |             |    |
| 4212 | 23/08/06  | 990609a.gif | 10 |
| 4213 | 23/08/06  | 990609b.gif | 19 |
| 4214 | 23/08/06  | 990609c.gif | 28 |
| 4215 | 23/08/06  | 990609d.gif | 23 |
| 4216 | 23/08/06  | 990609e.gif | 19 |
| 4217 | 23/08/06  | 990609f.gif | 30 |
| 4218 | 23/08/06  | 990609g.gif | 33 |
| 4219 | 23/08/06  | 990609h.gif | 62 |
| 4220 | 23/08/06  | 990609i.gif | 25 |
| 4221 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 4</b> |             |    |
| 4222 | 23/08/06  | 990810a.gif | 56 |
| 4223 | 23/08/06  | 990810b.gif | 17 |
| 4224 | 23/08/06  | 990810c.gif | 18 |
| 4225 | 23/08/06  | 990810d.gif | 23 |
| 4226 | 23/08/06  | 990810e.gif | 31 |
| 4227 | 23/08/06  | 990810f.gif | 40 |
| 4228 | 23/08/06  | 990810j.gif | 43 |
| 4229 | 23/08/06  | 990810k.gif | 25 |
| 4230 | 23/08/06  | 990810n.gif | 48 |
| 4231 | 23/08/06  | 990810o.gif | 33 |
| 4232 | 23/08/06  | 990810p.gif | 60 |
| 4233 | 23/08/06  | 990810q.gif | 51 |

|      |   |             |    |
|------|---|-------------|----|
| 4234 | 23/08/06  | 990810r.gif | 39 |
| 4235 | 23/08/06  | 990810s.gif | 41 |
| 4236 | 23/08/06  | 990810t.gif | 37 |
| 4237 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 5</b> |             |    |
| 4238 | 23/08/06  | 991005a.gif | 47 |
| 4239 | 23/08/06  | 991005b.gif | 31 |
| 4240 | 23/08/06  | 991005c.gif | 29 |
| 4241 | 23/08/06  | 991005e.gif | 54 |
| 4242 | 23/08/06  | 991005f.gif | 31 |
| 4243 | 23/08/06  | 991005i.gif | 13 |
| 4244 | 23/08/06  | 991005l.gif | 92 |
| 4245 | 23/08/06  | 991005o.gif | 28 |
| 4246 | 23/08/06  | 991005p.gif | 92 |
| 4247 | <b>Conception et mise au point CEM\Design Techniques Images\Images Part 6</b> |             |    |
| 4248 | 23/08/06  | 991215a.jpg | 30 |
| 4249 | 23/08/06  | 991215b.jpg | 25 |
| 4250 | 23/08/06  | 991215c.jpg | 39 |
| 4251 | 23/08/06  | 991215d.jpg | 49 |
| 4252 | 23/08/06  | 991215e.jpg | 47 |
| 4253 | 23/08/06  | 991215f.jpg | 41 |
| 4254 | 23/08/06  | 991215g.jpg | 44 |
| 4255 | 23/08/06  | 991215h.jpg | 34 |
| 4256 | 23/08/06  | 991215i.jpg | 32 |
| 4257 | 23/08/06  | 991215j.jpg | 21 |
| 4258 | 23/08/06  | 991215k.jpg | 28 |
| 4259 | 23/08/06  | 991215l.jpg | 20 |
| 4260 | 23/08/06  | 991215m.jpg | 45 |
| 4261 | 23/08/06  | 991215n.jpg | 28 |
| 4262 | 23/08/06  | 991215o.jpg | 28 |
| 4263 | 23/08/06  | 991215p.jpg | 24 |
| 4264 | 23/08/06  | 991215q.jpg | 43 |
| 4265 | 23/08/06  | 991215r.jpg | 30 |
| 4266 | 23/08/06  | 991215s.jpg | 44 |
| 4267 | 23/08/06  | 991215t.jpg | 30 |
| 4268 | 23/08/06  | 991215u.jpg | 33 |

|      |          |              |    |
|------|----------|--------------|----|
| 4269 | 23/08/06 | 991215v.jpg  | 25 |
| 4270 | 23/08/06 | 991215w.jpg  | 39 |
| 4271 | 23/08/06 | 991215x.jpg  | 40 |
| 4272 | 23/08/06 | 991215y.jpg  | 27 |
| 4273 | 23/08/06 | 991215z.jpg  | 32 |
| 4274 | 23/08/06 | 991215za.jpg | 41 |
| 4275 | 23/08/06 | 991215zb.jpg | 30 |

4276

## 4277 Conversion d'énergie

4278

### 4279 Conversion d'énergie\Amplificateurs magnétiques

|      |          |  |     |
|------|----------|--|-----|
| 4280 | 18/01/10 | Magnetic Amp Design.pdf                  | 283 |
| 4281 | 18/01/10 | Magnetic Amplifier.pdf                   | 767 |
| 4282 | 18/01/10 | Permalloy pour ampli magnétique sr-4.pdf | 214 |

### 4283 Conversion d'énergie\Automatisme - CIFA2002

|      |          |  |      |
|------|----------|--|------|
| 4284 | 17/10/09 | Analyse des systèmes hybrides.pdf                  | 122  |
| 4285 | 27/06/02 | Analyse statistique multivariée.pdf                | 142  |
| 4286 | 17/10/09 | Anti-collision pour automobiles.pdf                | 118  |
| 4287 | 27/06/02 | Application de techniques de synthèse.pdf          | 82   |
| 4288 | 17/10/09 | Approche ... temps discret.pdf                     | 117  |
| 4289 | 17/10/09 | Approche Bond Graph.pdf                            | 147  |
| 4290 | 17/10/09 | Approche comportements complexes.pdf               | 113  |
| 4291 | 17/10/09 | Approximation de fonctions de transfert en 1-f.pdf | 199  |
| 4292 | 17/10/09 | Approximation de modele d'ordre non entier???.pdf  | 252  |
| 4293 | 17/10/09 | Architecture d'un système vidéo.pdf                | 191  |
| 4294 | 16/10/09 | Asservissement de vitesse non linéaire.pdf         | 1171 |
| 4295 | 27/06/02 | Automatisation de Mu-æ lteration.pdf               | 448  |
| 4296 | 17/10/09 | Bench mark en identification.pdf                   | 74   |
| 4297 | 27/06/02 | Boite a outils CONTSID.pdf                         | 313  |
| 4298 | 17/10/09 | Calcul du placement de poles.pdf                   | 367  |
| 4299 | 17/10/09 | Commande ... gains commutés.pdf                    | 705  |
| 4300 | 17/10/09 | Commande d un système hybride.pdf                  | 125  |
| 4301 | 27/06/02 | Commande d'Ordre Fractionnaire.pdf                 | 131  |
| 4302 | 17/10/09 | Commande d'un convertisseur élévateur.pdf          | 417  |
| 4303 | 17/10/09 | Commande d'un véhicule ... 2 roues.pdf             | 140  |

|      |          |   |     |
|------|----------|---|-----|
| 4304 | 27/06/02 | Commande de robot bipede.pdf                        | 288 |
| 4305 | 17/10/09 | Commande de systèmes non entiers.pdf                | 170 |
| 4306 | 27/06/02 | Commande d'un système hybride.pdf                   | 98  |
| 4307 | 17/10/09 | Commande hybride de systèmes stochastiques.pdf      | 353 |
| 4308 | 16/10/09 | Commande neuronale adaptative.pdf                   | 295 |
| 4309 | 17/10/09 | Commande non linéaire d enroulement.pdf             | 329 |
| 4310 | 27/06/02 | Commande non-linéaires non-stationnaire.pdf         | 78  |
| 4311 | 17/10/09 | Commande Optimale des Systemes Hybrides.pdf         | 147 |
| 4312 | 17/10/09 | Commande pour véhicules hybrides parallèles.pdf     | 221 |
| 4313 | 17/10/09 | Commande prédictive de bipédie.pdf                  | 408 |
| 4314 | 17/10/09 | Commande sous-optimale.pdf                          | 375 |
| 4315 | 27/06/02 | Commutations autonomes de modele.pdf                | 234 |
| 4316 | 17/10/09 | Contrôle actif de condensateurs flottants.pdf       | 297 |
| 4317 | 27/06/02 | Controle asymptotique non linéaire.pdf              | 354 |
| 4318 | 17/10/09 | Contrôle de trafic aérien.pdf                       | 262 |
| 4319 | 17/10/09 | Controle de transition non linéaire.pdf             | 131 |
| 4320 | 17/10/09 | Couple puissance - trajectoire.pdf                  | 110 |
| 4321 | 17/10/09 | Courbes de niveau en filtrage dieterministe.pdf     | 162 |
| 4322 | 17/10/09 | CRONE Fractional Path Tracking Design.pdf           | 281 |
| 4323 | 17/10/09 | Cycles limites optimaux.pdf                         | 185 |
| 4324 | 17/10/09 | Diagnostic des defauts de machine asynchrone.pdf    | 288 |
| 4325 | 17/10/09 | Diagnostic des Défauts par Estimation.pdf           | 125 |
| 4326 | 17/10/09 | Diagnostic et Ondelettes.pdf                        | 860 |
| 4327 | 16/10/09 | Directions convexes pour systèmes ... retards.pdf   | 182 |
| 4328 | 17/10/09 | Elements autonomes.pdf                              | 116 |
| 4329 | 17/10/09 | Entraînement de bande flexible.pdf                  | 259 |
| 4330 | 17/10/09 | Entrainement en presence de glissement.pdf          | 274 |
| 4331 | 17/10/09 | Equations d'état pour bond graphs.pdf               | 170 |
| 4332 | 17/10/09 | Equivalence entre stabilisabilité et sécurité.pdf   | 162 |
| 4333 | 27/06/02 | Estimation d'etat par l'etoile de Kleene.pdf        | 194 |
| 4334 | 27/06/02 | Factorisation faiblement doublement copremières.pdf | 243 |
| 4335 | 16/10/09 | FEM pour commande en micropas.pdf                   | 207 |
| 4336 | 17/10/09 | Flux de la machine asynchrone.pdf                   | 331 |
| 4337 | 17/10/09 | Génération de résidus & machine asynchrone.pdf      | 198 |
| 4338 | 17/10/09 | Hélicoptère 4 rotors.pdf                            | 190 |

|      |          |  |     |
|------|----------|--|-----|
| 4339 | 17/10/09 | Hélicoptère bi-rotor coaxial.pdf               | 300 |
| 4340 | 27/06/02 | Identifiabilité de systèmes non contrôlés.pdf  | 189 |
| 4341 | 17/10/09 | Identifiabilités discernabilités.pdf           | 315 |
| 4342 | 17/10/09 | Localisation d'une automobile.pdf              | 188 |
| 4343 | 17/10/09 | Loi de commande à retard distribué.pdf         | 111 |
| 4344 | 27/06/02 | Lois de commande non linéaires.pdf             | 443 |
| 4345 | 27/06/02 | Manipulateurs parallèles à câbles.pdf          | 259 |
| 4346 | 17/10/09 | Méthode de Galerkin.pdf                        | 183 |
| 4347 | 17/10/09 | Méthodes de localisation de défauts.pdf        | 529 |
| 4348 | 17/10/09 | Minimisation d'un critère composite.pdf        | 716 |
| 4349 | 17/10/09 | Modèle de vol d'un hélicoptère.pdf             | 348 |
| 4350 | 17/10/09 | Modèles à paramètres incertains.pdf            | 158 |
| 4351 | 17/10/09 | Modèles d'automates cellulaires.pdf            | 411 |
| 4352 | 17/10/09 | Modèles d'ordre réduit.pdf                     | 195 |
| 4353 | 27/06/02 | Modèles linéaires interpolés.pdf               | 286 |
| 4354 | 17/10/09 | Modélisation d'un Robot Parallèle.pdf          | 235 |
| 4355 | 27/06/02 | Modélisation de la pollution Diesel.pdf        | 100 |
| 4356 | 17/10/09 | Modélisation de systèmes hétérogènes.pdf       | 145 |
| 4357 | 16/10/09 | Modélisation des machines asynchrones.pdf      | 812 |
| 4358 | 17/10/09 | Modélisation d'ordre non entier.pdf            | 110 |
| 4359 | 17/10/09 | Modélisation fractionnaire des machines.pdf    | 156 |
| 4360 | 17/10/09 | Mouvement de Course pour un Bipède.pdf         | 102 |
| 4361 | 27/06/02 | Moyennisation pour machine asynchrone.pdf      | 129 |
| 4362 | 17/10/09 | Observateurs ... entrées inconnues.pdf         | 339 |
| 4363 | 17/10/09 | Onduleurs multi-niveaux asymétriques.pdf       | 162 |
| 4364 | 17/10/09 | Optimisation convexe du paramètre de Youla.pdf | 119 |
| 4365 | 17/10/09 | Ordonnancement des Job-shops Flexibles.pdf     | 114 |
| 4366 | 27/06/02 | Panne stator de machine asynchrone.pdf         | 274 |
| 4367 | 17/10/09 | Performances des SFPMS.pdf                     | 130 |
| 4368 | 17/10/09 | Pilotage d'un bras robotisé.pdf                | 217 |
| 4369 | 17/10/09 | Placement de pôles de suspensions.pdf          | 443 |
| 4370 | 17/10/09 | Pontryagin revisité.pdf                        | 140 |
| 4371 | 17/10/09 | Procédé non linéaire multivariable.pdf         | 123 |
| 4372 | 27/06/02 | Programmation opératoire de bloc.pdf           | 108 |
| 4373 | 17/10/09 | Propriétés des Polynômes de Z-pZ.pdf           | 169 |

|      |          |  |      |
|------|----------|--|------|
| 4374 | 17/10/09 | Reconfigurabilite des systemes d'actionnement.pdf    | 134  |
| 4375 | 27/06/02 | Regulation et robustesse de convertisseurs.pdf       | 200  |
| 4376 | 17/10/09 | Réseau Logistique - Etude Bibliographique.pdf        | 203  |
| 4377 | 17/10/09 | Réseaux de Petri ... objets stochastiques.pdf        | 134  |
| 4378 | 27/06/02 | Retouche de correcteurs.pdf                          | 358  |
| 4379 | 17/10/09 | Retour d'état non régulier.pdf                       | 529  |
| 4380 | 27/06/02 | Robot Bipède Planaire sans Pieds.pdf                 | 110  |
| 4381 | 16/10/09 | Robot omni-directionnel redondant.pdf                | 145  |
| 4382 | 17/10/09 | Routage sans Conflits de Chariots.pdf                | 130  |
| 4383 | 17/10/09 | Réseaux géométrie hyperbolique.pdf                   | 240  |
| 4384 | 17/10/09 | Séquencements par Réseaux de Petri.pdf               | 264  |
| 4385 | 17/10/09 | Situations en limite de stabilité.pdf                | 542  |
| 4386 | 17/10/09 | Stabilisation d'une population halieutique.pdf       | 142  |
| 4387 | 27/06/02 | Stabilisation de robots bipedes.pdf                  | 540  |
| 4388 | 17/10/09 | Stabilisation de Systemes Bilineaires Incertains.pdf | 115  |
| 4389 | 27/06/02 | Stabilisation de systèmes cahotiques.pdf             | 428  |
| 4390 | 17/10/09 | Stabilisation de systemes polytopiques.pdf           | 317  |
| 4391 | 17/10/09 | Stabilisation du roulis.pdf                          | 215  |
| 4392 | 27/06/02 | Stabilisation interne par analyse algébrique.pdf     | 231  |
| 4393 | 17/10/09 | Stabilisation interne.pdf                            | 248  |
| 4394 | 16/10/09 | Stabilisation robuste des systèmes linéaires.pdf     | 58   |
| 4395 | 17/10/09 | Stabilité des Suspensions Automobile.pdf             | 129  |
| 4396 | 17/10/09 | Stratégies de rejet.pdf                              | 217  |
| 4397 | 27/06/02 | Suivi de marche d'un bipede.pdf                      | 434  |
| 4398 | 17/10/09 | Suivi de trajectoire pour un collecteur.pdf          | 174  |
| 4399 | 17/10/09 | Sûreté de fonctionnement & disponibilité.pdf         | 191  |
| 4400 | 27/06/02 | Sûreté de Fonctionnement d'ABS.pdf                   | 113  |
| 4401 | 17/10/09 | Surveillance video autoroutière?????.pdf             | 625  |
| 4402 | 17/10/09 | Suspension CRONE.pdf                                 | 520  |
| 4403 | 16/10/09 | Synchronisation de systemes cahotiques.pdf           | 1766 |
| 4404 | 17/10/09 | Synthèse H8 par retour d'état estimé.pdf             | 104  |
| 4405 | 27/06/02 | Synthese mixte H2-H8.pdf                             | 104  |
| 4406 | 17/10/09 | Synthèse robuste H2- Hinfini.pdf                     | 549  |
| 4407 | 17/10/09 | Système bimachine-monoconvertisseur.pdf              | 230  |
| 4408 | 27/06/02 | Système de détection de pannes.pdf                   | 294  |

|      |   |  |      |
|------|---|--|------|
| 4409 | 27/06/02  | Systèmes ... Retard et Stabilité.pdf                     | 65   |
| 4410 | 27/06/02  | Systèmes automatisés de production.pdf                   | 106  |
| 4411 | 27/06/02  | Systèmes linéaires ... retard.pdf                        | 215  |
| 4412 | 17/10/09  | Systemes non-lineaires a temps continu.pdf               | 172  |
| 4413 | 27/06/02  | Systèmes non-linéaires sans dérive.pdf                   | 412  |
| 4414 | 17/10/09  | Techniques A? et fast marching.pdf                       | 243  |
| 4415 | 17/10/09  | Techniques A? et fast marching.pdf                       | 243  |
| 4416 | 17/10/09  | Techniques neuromimétiques.pdf                           | 145  |
| 4417 | 17/10/09  | Test d'identifiabilité locale.pdf                        | 194  |
| 4418 | 17/10/09  | Théorie de la supervision.pdf                            | 127  |
| 4419 | 27/06/02  | Trajectoires de systèmes ... retard.pdf                  | 127  |
| 4420 | 27/06/02  | Transformée de Mellin finie.pdf                          | 71   |
| 4421 | 17/10/09  | Utilisation des paramètres de Markov.pdf                 | 131  |
| 4422 | 17/10/09  | Vision et commande adaptative.pdf                        | 258  |
| 4423 | 17/10/09  | Rejet adaptatif de perturbations.pdf                     | 1235 |
| 4424 | 17/10/09  | Suspension CRONE active.pdf                              | 1204 |
| 4425 | 17/10/09  | Pilotage instationnaire d un lanceur.pdf                 | 1322 |
| 4426 | <b>Conversion d'énergie\Composants de puissance</b> |  |      |
| 4427 | 09/01/08  | ±800-kV UHVDC Converter Station.pdf                      | 193  |
| 4428 | 12/01/08  | $\Delta I$ - $\Delta T$ in Power Electronic Circuits.pdf | 333  |
| 4429 | 08/09/07  | 3-phase 4-wire active filter.pdf                         | 798  |
| 4430 | 30/12/06  | A Stable CS01 Tester for SMPS.pdf                        | 249  |
| 4431 | 18/02/03  | AC Converter Dynamics and Control.pdf                    | 432  |
| 4432 | 24/12/04  | AC-Drive Technology.pdf                                  | 637  |
| 4433 | 24/06/03  | Acoustic Noise.pdf                                       | 90   |
| 4434 | 18/02/03  | Analyse Espace-états slides.pdf                          | 129  |
| 4435 | 04/03/12  | AND8428-D SSTEchniques in SMPS.pdf                       | 483  |
| 4436 | 13/10/09  | APEC2004 S19 Power Supply Design.pdf                     | 934  |
| 4437 | 24/12/04  | Asymmetrical Phase-Converter.pdf                         | 211  |
| 4438 | 09/09/07  | Ceramic Output Caps Compensation.pdf                     | 245  |
| 4439 | 13/10/09  | CM Active Filter for Off-Line Converter.pdf              | 398  |
| 4440 | 13/10/09  | CM Parasitic Capacitance Cancellation.pdf                | 245  |
| 4441 | 23/08/06  | CM-DM Separation.webarchive                              | 114  |
| 4442 | 15/02/11  | Conducted Emissions of DC-DC Converters.pdf              | 186  |
| 4443 | 23/06/03  | Conduction reduction.pdf                                 | 273  |

|      |          |   |      |
|------|----------|---|------|
| 4444 | 18/02/03 | Converter Circuits.pdf                        | 294  |
| 4445 | 09/09/07 | Current Doubler Synchronous Rectification.pdf | 1573 |
| 4446 | 03/09/08 | Current Loops.pdf                             | 311  |
| 4447 | 12/01/08 | DC-AC Converter.pdf                           | 534  |
| 4448 | 08/08/10 | DC-DC Boost Converter.pdf                     | 440  |
| 4449 | 19/08/09 | DCDC Buck Converters Current Path.pdf         | 506  |
| 4450 | 03/09/08 | DC-DC Converters.pdf                          | 290  |
| 4451 | 04/01/10 | DC-DC-Training - Linear Technology.pdf        | 4260 |
| 4452 | 25/07/08 | Designing a Digital Telecom Rectifier.pdf     | 561  |
| 4453 | 08/08/10 | Digital Technology to PWM Control-Loop.pdf    | 762  |
| 4454 | 05/11/08 | Energy storage for UPS.pdf                    | 343  |
| 4455 | 10/02/09 | EPFL Compensateurs forte puissance.pdf        | 370  |
| 4456 | 29/11/05 | Fault Protection Scheme.pdf                   | 219  |
| 4457 | 25/07/08 | Feedback in the Fast Lane.pdf                 | 209  |
| 4458 | 25/02/03 | Flyback Converter Design.pdf                  | 143  |
| 4459 | 09/09/07 | Forward and Flyback Interleaving.pdf          | 439  |
| 4460 | 06/09/05 | Fourier & Wavelet Transforms in SMPSs.pdf     | 391  |
| 4461 | 06/09/05 | Front End Rectifiers in Offline SMPS.pdf      | 344  |
| 4462 | 08/08/10 | Green-Mode Power by the Milli-Watt.pdf        | 202  |
| 4463 | 25/07/08 | Green-Mode Power.pdf                          | 204  |
| 4464 | 25/05/08 | H Field Radiated by a Buck Chopper.pdf        | 891  |
| 4465 | 05/10/12 | Heatsink emissions in power electronics.pdf   | 362  |
| 4466 | 25/02/04 | HF conducted noise.pdf                        | 179  |
| 4467 | 04/12/05 | HF Power Converters.pdf                       | 81   |
| 4468 | 12/01/08 | High Voltage Converters.pdf                   | 78   |
| 4469 | 08/08/10 | High-Voltage Energy Storage.pdf               | 972  |
| 4470 | 17/04/13 | Home-Grown Strategies in Troubleshooting.pdf  | 444  |
| 4471 | 03/09/08 | Ideal and Real Switches.pdf                   | 278  |
| 4472 | 08/08/10 | Improving System Efficiency.pdf               | 391  |
| 4473 | 18/02/03 | Impulse Response of DC-DC SMPS.pdf            | 268  |
| 4474 | 14/12/05 | Input Filter Design.pdf                       | 277  |
| 4475 | 27/08/08 | Integrated rectifier & voltage boosting.pdf   | 447  |
| 4476 | 13/10/09 | Interleaving of Power Converters.pdf          | 1534 |
| 4477 | 30/10/05 | Isolated MOSFET Gate Driver.pdf               | 153  |
| 4478 | 04/05/12 | LLC Resonant Half-Bridge.pdf                  | 613  |



|      |          |  |      |
|------|----------|--|------|
| 4479 | 04/01/10 | Loop Compensation - Linear Technology.pdf                | 332  |
| 4480 | 03/01/13 | LTM2881 as Isolated 5V Power Supply.pdf                  | 92   |
| 4481 | 17/02/03 | Magnetics Design Tables.pdf                              | 26   |
| 4482 | 29/07/09 | Measurement of Noise Source Impedance.pdf                | 96   |
| 4483 | 12/01/10 | Modélisation Flyback Secteur.doc                         | 8423 |
| 4484 | 26/02/03 | Modelling of Cross Regulation.pdf                        | 538  |
| 4485 | 21/08/15 | Monitoring Transistor Degradation in Power Inverters.pdf | 519  |
| 4486 | 27/11/06 | MOS -Coolmos Comparison.pdf                              | 243  |
| 4487 | 04/05/05 | MOSFETs IGBT Drivers.pdf                                 | 491  |
| 4488 | 20/12/04 | Multiple DC-DC converters.pdf                            | 248  |
| 4489 | 15/03/10 | Multiple output flyback converter.pdf                    | 187  |
| 4490 | 13/10/09 | Noise Cancellation Without Y-Cap.pdf                     | 301  |
| 4491 | 04/05/12 | Outdoor Solar-Cell-Driven LED.pdf                        | 818  |
| 4492 | 13/11/04 | Output Common-mode Noise.pdf                             | 510  |
| 4493 | 07/03/10 | Packaging Modeling in Power Modules.pdf                  | 791  |
| 4494 | 03/09/07 | Parasitic Cancellation Technologies.pdf                  | 659  |
| 4495 | 13/10/09 | Passive cancellation of CM noise.pdf                     | 849  |
| 4496 | 14/09/08 | Passive Snubber for PWM Inverters.pdf                    | 299  |
| 4497 | 12/01/11 | PCB Design of DC-DC buck Converter.pdf                   | 461  |
| 4498 | 09/01/09 | PCB Windings for low-profile SMPS.pdf                    | 459  |
| 4499 | 03/09/08 | Planar Busbar for Multilevel.pdf                         | 69   |
| 4500 | 08/08/10 | PMBus for Power Management.pdf                           | 216  |
| 4501 | 04/01/10 | Post regulation EDN 02.pdf                               | 101  |
| 4502 | 08/12/07 | Power Electronics.pdf                                    | 437  |
| 4503 | 08/12/07 | Power Semiconductors.pdf                                 | 318  |
| 4504 | 15/09/07 | Power Supplies Efficiency Test.pdf                       | 76   |
| 4505 | 13/10/09 | Radiated Coupling in SMPS.pdf                            | 178  |
| 4506 | 18/08/12 | Reduction of heat sink CM currents.pdf                   | 201  |
| 4507 | 11/11/05 | Simple DC to AC Converter.pdf                            | 93   |
| 4508 | 20/01/06 | SMPS grounding.pdf                                       | 483  |
| 4509 | 08/12/07 | Snubber Circuits.pdf                                     | 377  |
| 4510 | 13/10/09 | soutenance ALCATELv2.ppt.pdf                             | 422  |
| 4511 | 04/04/04 | Stability analysis.pdf                                   | 222  |
| 4512 | 13/10/09 | Stage Sébastien OGE CEM PFC.pdf                          | 2851 |
| 4513 | 15/11/08 | Study of induction heating.pdf                           | 1438 |

|      |  |   |      |
|------|--|---|------|
| 4514 | 29/10/08   | Thermal stress & conducted emissions.pdf                  | 185  |
| 4515 | 03/09/07   | Time-Domain Measurements Line Filter.pdf                  | 248  |
| 4516 | 27/08/08   | Transient Analysis of Motor Drives.pdf                    | 166  |
| 4517 | 13/10/09   | Uncovering the Bogy of Instability.pdf                    | 230  |
| 4518 | 04/04/04   | Vicor for high didt loads.pdf                             | 269  |
| 4519 | 21/11/12   | Zero Coupling with Multiple Switching I-Os.pdf            | 274  |
| 4520 | <b>Conversion d'énergie\Conception de convertisseurs</b> |   |      |
| 4521 | 27/05/10   | 3 phase controlled rectifiers.pdf                         | 1002 |
| 4522 | 01/12/08   | ABCs of DC to AC Inverters.pdf                            | 724  |
| 4523 | 22/01/15   | Accelerating Power-Supply Compliance to Specification.pdf | 710  |
| 4524 | 13/01/15   | Active clamp (Flyback or Forward).pdf                     | 1070 |
| 4525 | 04/01/10   | Ampli class-D thesis.pdf                                  | 412  |
| 4526 | 22/09/14   | AN10912 SMPS EMC and layout guidelines.pdf                | 398  |
| 4527 | 08/02/15   | Analytical Model for Flyback Winding Loss.pdf             | 943  |
| 4528 | 07/01/12   | Applying Digital Technology.pdf                           | 789  |
| 4529 | 01/07/14   | Bridgeless PFC Implementation.pdf                         | 347  |
| 4530 | 22/06/03   | Buck Converter SMPS.pdf                                   | 287  |
| 4531 | 12/03/04   | Chatroux fast power switch.pdf                            | 129  |
| 4532 | 09/09/07   | Control Loop Cookbook.pdf                                 | 878  |
| 4533 | 09/07/15   | Coupled Inductors for SEPIC.pdf                           | 92   |
| 4534 | 03/09/08   | DC-AC Converters.pdf                                      | 487  |
| 4535 | 29/08/11   | DC-DC Buck PCB Layout Modification.pdf                    | 597  |
| 4536 | 03/03/14   | Design Review of a 350W Offline Converter 2.pdf           | 1004 |
| 4537 | 03/03/14   | Design Review of a 350W Offline Converter.pdf             | 1065 |
| 4538 | 04/10/11   | EMC Problems of Power Converters.pdf                      | 338  |
| 4539 | 09/01/09   | Fairchild SMPS design guide.pdf                           | 805  |
| 4540 | 15/02/13   | Filterless Class-D Amplifier.pdf                          | 717  |
| 4541 | 11/01/08   | Galvanically Isolated AC?AC Converter.pdf                 | 240  |
| 4542 | 03/03/14   | High Performance LLC Converter 2.pdf                      | 713  |
| 4543 | 03/03/14   | High Performance LLC Converter.pdf                        | 1675 |
| 4544 | 08/08/10   | High Power Factor and High Efficiency.pdf                 | 221  |
| 4545 | 22/01/15   | High-Performance LLC Converter.pdf                        | 621  |
| 4546 | 25/07/08   | Improving Power Supply Efficiency.pdf                     | 268  |
| 4547 | 08/07/13   | Low Noise HV DC-DC Converter.pdf                          | 1487 |
| 4548 | 03/09/08   | Multilevel Converters.pdf                                 | 157  |

|      |   |   |      |
|------|---|---|------|
| 4549 | 04/12/05  | Multilevel Inverter.pdf   | 427  |
| 4550 | 03/03/14  | Power-Supply Compliance to Specs 2.pdf                              | 704  |
| 4551 | 03/03/14  | Power-Supply Compliance to Specs.pdf                                | 1674 |
| 4552 | 01/01/07  | PWM frequency Dithering.pdf   | 133  |
| 4553 | 16/10/06  | Selected Resonant Converters.pdf                                    | 1843 |
| 4554 | 04/12/05  | Sensorless Control Strategies.pdf                                   | 2351 |
| 4555 | 25/07/08  | Software Design for Digital Power.pdf                               | 489  |
| 4556 | 12/01/08  | Switching Freq. in Power Converters.pdf                             | 168  |
| 4557 | 07/10/08  | Switching Noise of Power Transistors.pdf                            | 1274 |
| 4558 | 12/01/11  | Switching Voltage Regulator Noise.pdf                               | 604  |
| 4559 | 23/08/06  | Switchmode Supply Miniaturization.pdf                               | 5928 |
| 4560 | 28/10/08  | Synchronous Buck Converter EMI.pdf                                  | 376  |
| 4561 | 19/08/09  | Synchronous Buck Converter Guideline.pdf                            | 294  |
| 4562 | 11/09/05  | Synchronous DC-DC Buck Converters.pdf                               | 187  |
| 4563 | 21/03/04  | Topologie d'un chargeur.pdf   | 118  |
| 4564 | 29/05/14  | Transient Response versus Ripple.pdf                                | 2179 |
| 4565 | 13/12/07  | Voltage regulation module.pdf                                       | 2930 |
| 4566 | <b>Conversion d'énergie\Convertisseurs ... étalement de spectre</b> |   |      |
| 4567 | 03/01/11  | Chaotic PWM for EMI Suppression.pdf                                 | 290  |
| 4568 | 03/09/07  | EMI Reduction Frequency Modulation.pdf                              | 412  |
| 4569 | 07/01/12  | Noise-Spreading Techniques.pdf                                      | 2019 |
| 4570 | 18/08/06  | Sliding Mode Control for SMPS.pdf                                   | 2737 |
| 4571 | <b>Conversion d'énergie\Convertisseurs multiphases</b>              |   |      |
| 4572 | 31/12/14  | Locating the Current Distribution in Multiphase Buck Converters.pdf | 649  |
| 4573 | 13/11/04  | Power Electronics EMI Emission.pdf                                  | 137  |
| 4574 | 10/10/14  | Reducing Emissions from an AC-DC-AC Converter.pdf                   | 482  |
| 4575 | 12/01/11  | Switching Voltage Regulator Noise.pdf                               | 604  |
| 4576 | 13/12/07  | Voltage regulation module.pdf                                       | 2930 |
| 4577 | <b>Conversion d'énergie\Electronique de puissance</b>               |   |      |
| 4578 | 29/11/13  | AC Motor Feeding Cable Consequences.pdf                             | 325  |
| 4579 | 16/08/12  | Alimentations ... découpage - Introduction.pdf                      | 36   |
| 4580 | 15/09/13  | Brevet Technofan EP 1 385 258 B1.pdf                                | 132  |
| 4581 | 15/09/13  | Brevet Technofan EP 1 679 784 B1.pdf                                | 200  |
| 4582 | 15/08/12  | Chargeurs de batteries.pdf  | 223  |
| 4583 | 17/08/12  | Commutateurs - Structures élémentaires.pdf                          | 475  |

|      |          |  |      |
|------|----------|--|------|
| 4584 | 16/08/12 | Commutateurs ... thyristors.pdf                    | 944  |
| 4585 | 16/08/12 | Commutateurs de courant - Introduction.pdf         | 38   |
| 4586 | 17/08/12 | Commutateurs de courant ... thyristors.pdf         | 1074 |
| 4587 | 17/08/12 | Commutation des convertisseurs statiques.pdf       | 690  |
| 4588 | 17/08/12 | Composants bipolaires - Partie 1.pdf               | 275  |
| 4589 | 17/08/12 | Composants bipolaires - Partie 2.pdf               | 332  |
| 4590 | 15/08/12 | Composants d'électronique de puissance.pdf         | 363  |
| 4591 | 17/08/12 | Composants semi-conducteurs de puissance.pdf       | 221  |
| 4592 | 17/08/12 | Condensateurs en électronique de puissance.pdf     | 705  |
| 4593 | 16/08/12 | Convertisseurs continu-continu isolés.pdf          | 712  |
| 4594 | 16/08/12 | Convertisseurs continu-continu non isolés.pdf      | 408  |
| 4595 | 17/08/12 | Convertisseurs DC-AC et AC-DC.pdf                  | 85   |
| 4596 | 17/08/12 | Correction de P réactive et harmoniques.pdf        | 616  |
| 4597 | 14/10/13 | Dead time optimization for power converter.pdf     | 489  |
| 4598 | 30/11/11 | DM Inductive Coupling in a Boost Converter.pdf     | 1341 |
| 4599 | 04/05/12 | Dual ZVS and OCC Half-Bridge DC-DC.pdf             | 660  |
| 4600 | 17/08/12 | Dualité des convertisseurs statiques.pdf           | 312  |
| 4601 | 17/08/12 | Electronique de puissance - Introduction.pdf       | 62   |
| 4602 | 17/08/12 | Electronique de puissance - technologie.pdf        | 1296 |
| 4603 | 16/10/12 | EMI Reduction for Power Electronic Systems.pdf     | 8273 |
| 4604 | 17/08/12 | Etude des convertisseurs statiques.pdf             | 47   |
| 4605 | 17/08/12 | Etude séquentielle des convertisseurs.pdf          | 309  |
| 4606 | 23/10/12 | Evaluation effet temperature redresseur.pptx       | 395  |
| 4607 | 04/05/12 | Flyback SMPS Designs.pdf                           | 965  |
| 4608 | 17/08/12 | Fonctionnement en commutation forcée.pdf           | 1120 |
| 4609 | 22/01/15 | Full-Featured 350-W Offline Power Converter.pdf    | 1838 |
| 4610 | 15/08/12 | Motorisation des véhicules électriques.pdf         | 538  |
| 4611 | 24/02/12 | ON - SMPS Reference Manual.pdf                     | 989  |
| 4612 | 17/08/12 | Onduleurs de tension - Mise en oeuvre.pdf          | 403  |
| 4613 | 17/08/12 | Onduleurs de tension - Structures-Applications.pdf | 188  |
| 4614 | 17/08/12 | Outils de base en électronique de puissance.pdf    | 488  |
| 4615 | 17/08/12 | Physique des semi-conducteurs de puissance.pdf     | 393  |
| 4616 | 15/08/12 | Redresseurs et onduleurs assistés.pdf              | 332  |
| 4617 | 31/01/14 | Reducing Conducted Emission in SMPSs.pdf           | 1238 |
| 4618 | 17/08/12 | Réduction de P réactive et harmoniques.pdf         | 1529 |

|      |   |   |      |
|------|---|---|------|
| 4619 | 16/08/12  | Réduction des perturbations, simulation.pdf                 | 315  |
| 4620 | 30/11/11  | Self-Damping of a Buck Power MOSFET.pdf                     | 317  |
| 4621 | 17/08/12  | Semi-conducteurs unipolaires et mixtes.pdf                  | 291  |
| 4622 | 16/08/12  | Sources de perturbations, couplages, SEM.pdf                | 418  |
| 4623 | 14/01/05  | ST motor-drive.pdf  | 227  |
| 4624 | 17/08/12  | Synthèse des convertisseurs statiques.pdf                   | 686  |
| 4625 | 17/08/12  | Tenue en tension des semi-conducteurs.pdf                   | 259  |
| 4626 | 16/08/12  | Transformateur des alimentations ... découpage.pdf          | 1052 |
| 4627 | 17/08/12  | Transformateurs statiques - Principes.pdf                   | 582  |
| 4628 | 17/08/12  | Utilisation des réseaux de Pétri.pdf                        | 1026 |
| 4629 | 11/10/11  | Zero CM Voltage Multilevel Inverters.pdf                    | 397  |
| 4630 | <b>Conversion d'énergie\EMC &amp; EMI en conversion d'énergie</b> |   |      |
| 4631 | 20/08/09  | 'Can' Filter on EMI Performance of SMPS.pdf                 | 185  |
| 4632 | 13/10/09  | Active Analog Power Filters.pdf                             | 211  |
| 4633 | 26/03/14  | Active Cancellation for 3-Phase AC Drives.pdf               | 369  |
| 4634 | 04/10/11  | Active Clamp Forward Converter Filtering.pdf                | 627  |
| 4635 | 19/12/14  | Active CM Compensator for Motor Drive.pdf                   | 738  |
| 4636 | 03/09/07  | Active EMI Filtering Technique.pdf                          | 270  |
| 4637 | 04/05/12  | Active-Clamp Technology.pdf                                 | 1013 |
| 4638 | 23/04/13  | Broadband Common Mode Conducted Disturbances.pdf            | 1112 |
| 4639 | 13/10/09  | Cancellation of Common-Mode EMI.pdf                         | 5724 |
| 4640 | 13/10/09  | CEM de Puissance SAFT.pdf                                   | 841  |
| 4641 | 14/10/11  | CM Compensation in LV Interfaces.pdf                        | 583  |
| 4642 | 10/10/11  | CM Currents in AC Motor Drives.pdf                          | 731  |
| 4643 | 14/10/14  | CM due to Asymmetry in Inductive Power Transfer Systems.pdf | 327  |
| 4644 | 11/05/15  | CM Voltage Compensators for Power Electronics.pdf           | 1639 |
| 4645 | 12/10/09  | Common Mode Active Compensation.pdf                         | 392  |
| 4646 | 29/07/09  | Common Mode Noise Control (OTT).pdf                         | 204  |
| 4647 | 13/10/09  | Common Mode Noise Control.pdf                               | 214  |
| 4648 | 14/10/14  | Common-Mode Active Filter.pdf                               | 1038 |
| 4649 | 21/08/15  | Compact Active EMI Filter for Common-Mode Reduction.pdf     | 509  |
| 4650 | 21/08/13  | Conducted EMI of DC-DC Converters Uncertainties.pdf         | 1307 |
| 4651 | 15/10/06  | Conducted EMI Reduction.pdf                                 | 3868 |
| 4652 | 14/04/15  | Conducted-Emission Modeling for a SMPS.pdf                  | 296  |
| 4653 | 03/11/15  | Controlling EMI Issues in Power Electronics Designs.pdf     | 7197 |

|      |          |  |      |
|------|----------|--|------|
| 4654 | 12/03/15 | Detection of EMI Sources at the Switching Time Scale.pdf | 575  |
| 4655 | 15/02/13 | Digital EMI Control Technique for SMPS.pdf               | 1078 |
| 4656 | 10/02/16 | Efficiency modeling for MHz DC-DC converters.pdf         | 310  |
| 4657 | 06/03/04 | Electromagnetic Field Noise.pdf                          | 492  |
| 4658 | 04/08/15 | Eliminating earth leakage currents.pdf                   | 308  |
| 4659 | 03/09/08 | EMC and Modern Power Electronics 2.pdf                   | 427  |
| 4660 | 12/01/08 | EMC and Modern Power Electronics.pdf                     | 447  |
| 4661 | 14/12/05 | EMC in SMPS.pdf  | 201  |
| 4662 | 13/10/09 | EMC in Switchmode Power Supplies.pdf                     | 190  |
| 4663 | 11/09/05 | EMI & Rugged Launch Computer.pdf                         | 208  |
| 4664 | 13/10/09 | EMI & thermal design for SMPS.pdf                        | 1218 |
| 4665 | 13/08/06 | EMI Emissions of PWM AC Drives.pdf                       | 163  |
| 4666 | 14/12/05 | EMI Filter Design & Stability.pdf                        | 121  |
| 4667 | 22/01/15 | EMI Filter Design for Offline Phase-Dimmable LED PS.pdf  | 988  |
| 4668 | 13/10/09 | EMI filter for distributed power system (DPS).pdf        | 409  |
| 4669 | 24/11/13 | EMI in a Mobile Phone from a DC-to-DC Converter.pdf      | 731  |
| 4670 | 12/01/08 | EMI in DC-DC Converters.pdf                              | 370  |
| 4671 | 20/02/07 | EMI in High Power PWM Drives.pdf                         | 454  |
| 4672 | 06/11/13 | EMI in PSU.pdf   | 490  |
| 4673 | 18/01/13 | EMI Issues in Power Electronic Systems.pdf               | 110  |
| 4674 | 20/10/15 | EMI Prediction of Switching Converters.pdf               | 243  |
| 4675 | 02/03/09 | EMI Using Soft-Switching Technique.pdf                   | 241  |
| 4676 | 18/12/04 | Emission from 2 kHz to 30 MHz.pdf                        | 402  |
| 4677 | 19/12/04 | Emissions From SMPS.pdf                                  | 1058 |
| 4678 | 27/07/05 | Fixing EMI Across the Board.pdf                          | 124  |
| 4679 | 13/10/09 | Integrated EMI Filters for SMPS.pdf                      | 5552 |
| 4680 | 15/08/06 | Low-Power PFC.pdf  | 690  |
| 4681 | 30/12/14 | Models for Key Components in HVDC Converter.pdf          | 702  |
| 4682 | 12/01/11 | Noise Coupling from SMPS to Signal Nets.pdf              | 295  |
| 4683 | 13/11/04 | Power Electronics EMI Emission.pdf                       | 137  |
| 4684 | 04/01/07 | PS & Filters Conducted Noise.pdf                         | 687  |
| 4685 | 10/10/14 | Reducing Emissions from an AC-DC-AC Converter.pdf        | 482  |
| 4686 | 20/08/09 | Reduction of EMI from a Driving System.pdf               | 193  |
| 4687 | 12/01/10 | Règles conception CEM Convertisseurs.doc                 | 601  |
| 4688 | 29/08/11 | Shielding Effect of GND on CM EMI.pdf                    | 622  |

|      |                                   |  |      |
|------|-----------------------------------|--|------|
| 4689 | 22/02/11                          | SMPS Noise Coupling to Signal Lines.pdf                        | 945  |
| 4690 | 26/02/16                          | Step-down SMPS Based on MC34063A.pdf                           | 2470 |
| 4691 | 19/06/15                          | Switching Noise Estimation of Resonant Low-Loss Structures.pdf | 230  |
| 4692 | 18/02/02                          | UPS filter.pdf   | 310  |
| 4693 | 26/06/04                          | Vicor for high didt loads.pdf                                  | 268  |
| 4694 | <b>Conversion d'énergie\EPE00</b> |  |      |
| 4695 | 17/10/09                          | 3 Phase Line-Interactive UPS.pdf                               | 187  |
| 4696 | 17/10/09                          | 3 phase PFC for Buck Converter.pdf                             | 335  |
| 4697 | 17/10/09                          | 3-Phase Active Filter.pdf                                      | 212  |
| 4698 | 17/10/09                          | Aging of Polypropylene Film Caps.pdf                           | 177  |
| 4699 | 17/10/09                          | Ballast for Fluorescent Lamp.pdf                               | 230  |
| 4700 | 17/10/09                          | DC-AC converter Soft switching.pdf                             | 101  |
| 4701 | 17/10/09                          | Discontinuous-Mode Boost PFC.pdf                               | 385  |
| 4702 | 17/10/09                          | Durability prediction of contacts.pdf                          | 152  |
| 4703 | 17/10/09                          | Earth Current in LV Insulated Neutral.pdf                      | 170  |
| 4704 | 17/10/09                          | EMC Lab for Power Systems.pdf                                  | 542  |
| 4705 | 17/10/09                          | EMC Requirement for Power Drive.pdf                            | 97   |
| 4706 | 17/10/09                          | Ferromagnetic Cores.pdf  | 127  |
| 4707 | 17/10/09                          | Hard versus Soft IGBT Inverters.pdf                            | 250  |
| 4708 | 17/10/09                          | High Power-Factor Ballast.pdf                                  | 184  |
| 4709 | 17/10/09                          | IGBT Hysteresis current regulation.pdf                         | 231  |
| 4710 | 17/10/09                          | Lossless snubber for PFC.pdf                                   | 192  |
| 4711 | 17/10/09                          | LV Distorsion AC SMPS.pdf                                      | 481  |
| 4712 | 17/10/09                          | Mains Hybrid RFI Filters.pdf                                   | 186  |
| 4713 | 17/10/09                          | Microwave Oven Power Supply.pdf                                | 185  |
| 4714 | 17/10/09                          | Modified Forward Soft-Switching.pdf                            | 173  |
| 4715 | 17/10/09                          | Overvoltage Effects on HV Drives.pdf                           | 154  |
| 4716 | 17/10/09                          | Parallel & Series Active Filters.pdf                           | 239  |
| 4717 | 17/10/09                          | PFC Battery Chargers & Optimal Control.pdf                     | 106  |
| 4718 | 17/10/09                          | PFC for Asymmetric Networks.pdf                                | 660  |
| 4719 | 17/10/09                          | PFC with Current Injection Network.pdf                         | 172  |
| 4720 | 17/10/09                          | Position Control of Magnetic Bearings.pdf                      | 186  |
| 4721 | 17/10/09                          | Power Quality Control.pdf                                      | 437  |
| 4722 | 17/10/09                          | Shunt Active 3 phase Filter.pdf                                | 248  |
| 4723 | 17/10/09                          | Shunt Active Power Filter.pdf                                  | 182  |

|      |                                   |  |     |
|------|-----------------------------------|--|-----|
| 4724 | 17/10/09                          | Single stage PFC with active clamp.pdf             | 90  |
| 4725 | 17/10/09                          | Step Down PFC Rectifier.pdf                        | 103 |
| 4726 | 17/10/09                          | Supercaps Behaviour.pdf                            | 217 |
| 4727 | 17/10/09                          | Symmetrical Resonant Flyback.pdf                   | 161 |
| 4728 | 17/10/09                          | Transformer Parasitic Parameters.pdf               | 230 |
| 4729 | 17/10/09                          | Universal Power Quality Conditioner.pdf            | 178 |
| 4730 | 17/10/09                          | ZVT Soft-Switching PFC.pdf                         | 365 |
| 4731 | <b>Conversion d'énergie\EPE01</b> |  |     |
| 4732 | 18/10/09                          | 3-Phase Soft Switching PFC.pdf                     | 180 |
| 4733 | 15/10/09                          | AC Railway System with Active Return Conductor.pdf | 132 |
| 4734 | 18/10/09                          | Active filters & Converter control.pdf             | 182 |
| 4735 | 18/10/09                          | Air gap and winding position.pdf                   | 65  |
| 4736 | 18/10/09                          | Artificial Neural Networks for EMI.pdf             | 149 |
| 4737 | 18/10/09                          | Asymmetrical Half-Bridge ZVT PWM.pdf               | 137 |
| 4738 | 18/10/09                          | Asymmetrical Multilevel Converter.pdf              | 991 |
| 4739 | 18/10/09                          | Bearing Current Pulse Rate.pdf                     | 724 |
| 4740 | 18/10/09                          | Charge compensated MOSFET.pdf                      | 721 |
| 4741 | 18/10/09                          | Cheap Converters for the Classroom.pdf             | 129 |
| 4742 | 18/10/09                          | CM EMI Prediction for 3-phase Inverter.pdf         | 73  |
| 4743 | 18/10/09                          | Conducted EMI by High Power Density Inverters.pdf  | 136 |
| 4744 | 18/10/09                          | Control for Flicker Suppression.pdf                | 146 |
| 4745 | 18/10/09                          | Control Strategy for Flyback Converters.pdf        | 227 |
| 4746 | 18/10/09                          | Coreless transformers in the MHz range.pdf         | 121 |
| 4747 | 18/10/09                          | Current Sharing in Busbar.pdf                      | 141 |
| 4748 | 18/10/09                          | Cycloconverter for Doubly Fed Machine.pdf          | 509 |
| 4749 | 18/10/09                          | DC bus balance of a 3 level inverter.pdf           | 265 |
| 4750 | 18/10/09                          | Design of Soft Switched PFC.pdf                    | 94  |
| 4751 | 18/10/09                          | Eddy current losses in SMPS transformers.pdf       | 150 |
| 4752 | 15/10/09                          | Electrical Drives in Automotive.pdf                | 237 |
| 4753 | 18/10/09                          | EMC and Thermal Performance.pdf                    | 322 |
| 4754 | 18/10/09                          | EMC Switching cell analyse.pdf                     | 160 |
| 4755 | 18/10/09                          | EMI Interference Suppression for Audio.pdf         | 224 |
| 4756 | 18/10/09                          | EMI Propagation in Transformers.pdf                | 112 |
| 4757 | 18/10/09                          | Energy Transmission with Large Air Gap.pdf         | 116 |
| 4758 | 18/10/09                          | Evaluation of dV-dt Filters.pdf                    | 174 |



|      |          |   |     |
|------|----------|---|-----|
| 4759 | 18/10/09 | Fast Line Voltage Conditioners.pdf              | 105 |
| 4760 | 18/10/09 | Fast Signal Conditioning in 1-Phase Systems.pdf | 161 |
| 4761 | 18/10/09 | Flicker mitigation.pdf                          | 138 |
| 4762 | 18/10/09 | Flow Calorimeter for Power Electronics.pdf      | 40  |
| 4763 | 18/10/09 | Flying-Capacitor Inverter.pdf                   | 88  |
| 4764 | 18/10/09 | Fuzzy Logic Based PWM.pdf                       | 150 |
| 4765 | 15/10/09 | Fuzzy logic control application.pdf             | 247 |
| 4766 | 15/10/09 | Fuzzy Logic Direct Torque Control.pdf           | 371 |
| 4767 | 18/10/09 | Generalized diode-clamped converter.pdf         | 293 |
| 4768 | 18/10/09 | H field from a magnetic component.pdf           | 86  |
| 4769 | 18/10/09 | Harmonic Transfer Through Converters.pdf        | 85  |
| 4770 | 18/10/09 | HF Resistance of Parallel Windings.pdf          | 50  |
| 4771 | 18/10/09 | HF transformer with coaxial windings.pdf        | 102 |
| 4772 | 18/10/09 | High Power Factor Electronic Ballast.pdf        | 67  |
| 4773 | 18/10/09 | HV MOSFET in a PFC Boost Converter.pdf          | 192 |
| 4774 | 18/10/09 | IGBT Module Thermal Simulation.pdf              | 86  |
| 4775 | 18/10/09 | Inherent Overload Protection.pdf                | 119 |
| 4776 | 18/10/09 | Inrush current in 3-phase UPS.pdf               | 190 |
| 4777 | 18/10/09 | Instantaneous Power Compensation Theory.pdf     | 407 |
| 4778 | 18/10/09 | Interactions between cascaded converters.pdf    | 193 |
| 4779 | 18/10/09 | LabVIEW - Harmonic and Power Analyzer.pdf       | 176 |
| 4780 | 18/10/09 | Limitations of All Electric Ship designs.pdf    | 47  |
| 4781 | 18/10/09 | Loss analysis of halfbridge drivers.pdf         | 55  |
| 4782 | 18/10/09 | Magnetic bearings.pdf                           | 172 |
| 4783 | 18/10/09 | Mains Power Quality of Ships.pdf                | 77  |
| 4784 | 18/10/09 | Make up for Voltage Dips & Interruptions.pdf    | 496 |
| 4785 | 18/10/09 | Managing ultracapacitors energy.pdf             | 115 |
| 4786 | 18/10/09 | Mis-operation Caused by EMI.pdf                 | 79  |
| 4787 | 18/10/09 | Multilevel Active Power Filters.pdf             | 184 |
| 4788 | 18/10/09 | Multiple Isolated Output Regulation.pdf         | 139 |
| 4789 | 18/10/09 | Multi-Resonant Soft-Switched Forward.pdf        | 173 |
| 4790 | 18/10/09 | Multi-String-Converter.pdf                      | 91  |
| 4791 | 18/10/09 | Non-linear ferrite characteristics.pdf          | 96  |
| 4792 | 18/10/09 | Optimal Ground Interconnections.pdf             | 53  |
| 4793 | 18/10/09 | Optimisation of the volume of a PFC Flyback.pdf | 145 |

|      |          |  |      |
|------|----------|--|------|
| 4794 | 18/10/09 | Output Filter for UPS Inverter.pdf                       | 120  |
| 4795 | 18/10/09 | Parallel Behavior of IGBT Connections.pdf                | 107  |
| 4796 | 18/10/09 | Passive Components Integration.pdf                       | 191  |
| 4797 | 18/10/09 | Polypropylene Film Capacitors Reliability.pdf            | 570  |
| 4798 | 18/10/09 | Power Cables in Electrical Motor Drives.pdf              | 276  |
| 4799 | 18/10/09 | Power chip electrical connection.pdf                     | 62   |
| 4800 | 18/10/09 | Power Losses in Synchronous Rectifiers.pdf               | 117  |
| 4801 | 18/10/09 | Power Supply Impedance Measurement.pdf                   | 165  |
| 4802 | 18/10/09 | PWM Rectifier with Active Filtering.pdf                  | 103  |
| 4803 | 18/10/09 | Quasi-Resonant DC Link Converter.pdf                     | 226  |
| 4804 | 18/10/09 | Quasi-Resonant DC-DC Converters.pdf                      | 71   |
| 4805 | 18/10/09 | Ripple-Power Re-Rectification.pdf                        | 597  |
| 4806 | 18/10/09 | Rogowski Current Transducers.pdf                         | 1734 |
| 4807 | 18/10/09 | Self-adjusting resonant converters.pdf                   | 217  |
| 4808 | 18/10/09 | Self-Tuned Vector Filter.pdf                             | 505  |
| 4809 | 18/10/09 | Series Active Filtering of Supply Voltage.pdf            | 393  |
| 4810 | 18/10/09 | Series Voltage Compensator Scheme.pdf                    | 364  |
| 4811 | 18/10/09 | Shunt Active Filters to 4-Wire Systems.pdf               | 475  |
| 4812 | 18/10/09 | SiC Schottky rectifiers.pdf                              | 186  |
| 4813 | 18/10/09 | Side effects of LISN on EMI measurements.pdf             | 74   |
| 4814 | 18/10/09 | SILICON NONLINEAR CAPACITORS.pdf                         | 167  |
| 4815 | 18/10/09 | Single phase Hybrid PFC.pdf                              | 163  |
| 4816 | 18/10/09 | Solid-state circuit breaker.pdf                          | 148  |
| 4817 | 15/10/09 | Space-Vector PWM Four-Switch Voltage Source Inverter.pdf | 424  |
| 4818 | 18/10/09 | Speed drives cable oscillations.pdf                      | 95   |
| 4819 | 18/10/09 | SPICE model of VDMOS transistors.pdf                     | 99   |
| 4820 | 18/10/09 | Stacked Multicell Converter.pdf                          | 285  |
| 4821 | 18/10/09 | Suppress EMI Noises in Motor Drives.pdf                  | 268  |
| 4822 | 18/10/09 | synchronous machine affected by voltage sags.pdf         | 154  |
| 4823 | 18/10/09 | The Rogowski coil.pdf                                    | 71   |
| 4824 | 18/10/09 | Thyristors Irradiated by e a Protons.pdf                 | 102  |
| 4825 | 18/10/09 | Transient of DC-DC Flyback.pdf                           | 180  |
| 4826 | 18/10/09 | Turn-Coupling in Thick-Film Inductors.pdf                | 98   |
| 4827 | 18/10/09 | Turn-on behaviour in light dimmer.pdf                    | 216  |
| 4828 | 18/10/09 | Ultracapacitors for electric vehicle.pdf                 | 83   |

|      |                                   |   |     |
|------|-----------------------------------|---|-----|
| 4829 | 18/10/09                          | Unified Definition of Power Systems.pdf           | 214 |
| 4830 | 18/10/09                          | Variable Bidirectional DC-DC Converter.pdf        | 451 |
| 4831 | 18/10/09                          | Vector Modulation for Matrix Converters.pdf       | 179 |
| 4832 | 18/10/09                          | Wind Plant Harmonics Reduction.pdf                | 368 |
| 4833 | 18/10/09                          | ZVZCS Bordry Converters.pdf                       | 267 |
| 4834 | <b>Conversion d'énergie\EPE99</b> |   |     |
| 4835 | 20/10/09                          | 3-phase interleaved boost rectifier.pdf           | 350 |
| 4836 | 19/10/09                          | Active Voltage Clamping.pdf                       | 617 |
| 4837 | 18/10/09                          | Air-gap technique for active filtering.pdf        | 92  |
| 4838 | 18/10/09                          | Applications of Active Filters.pdf                | 97  |
| 4839 | 18/10/09                          | Behavior of fuses in parallel.pdf                 | 121 |
| 4840 | 18/10/09                          | Cell for AC-AC Conversion.pdf                     | 316 |
| 4841 | 18/10/09                          | Conducted EMI by Variable Frequency.pdf           | 100 |
| 4842 | 19/10/09                          | COOLMOS.pdf                                       | 217 |
| 4843 | 18/10/09                          | Current probes for conducted EMI.pdf              | 124 |
| 4844 | 20/10/09                          | Custom Power devices.pdf                          | 487 |
| 4845 | 19/10/09                          | DC-DC Converter with Very High Insulation.pdf     | 151 |
| 4846 | 19/10/09                          | Decoupling Capacitors for Digital Circuits.pdf    | 148 |
| 4847 | 18/10/09                          | Design for EMC in SMPS.pdf                        | 76  |
| 4848 | 18/10/09                          | Determination of di-dt allowing EMC.pdf           | 89  |
| 4849 | 18/10/09                          | Distortion in diesel-electric propelled ships.pdf | 228 |
| 4850 | 19/10/09                          | Efficient Passive + Active Filtering System.pdf   | 136 |
| 4851 | 18/10/09                          | EMC Filter for PWM Inverter.pdf                   | 206 |
| 4852 | 19/10/09                          | EMI of Inverter-Fed Induction Motors.pdf          | 222 |
| 4853 | 18/10/09                          | EMI suppression techniques for PFC.pdf            | 229 |
| 4854 | 19/10/09                          | Freewheeling Diode Failures in IGBT.pdf           | 343 |
| 4855 | 19/10/09                          | H Field Reduction Generated by a SMPS.pdf         | 267 |
| 4856 | 18/10/09                          | HF Switching Power Supply Control.pdf             | 37  |
| 4857 | 19/10/09                          | High Reliability HV Fast Switches.pdf             | 844 |
| 4858 | 18/10/09                          | Line Inductance Effects on Harmonics.pdf          | 73  |
| 4859 | 20/10/09                          | low power low voltage DC-DC converters.pdf        | 108 |
| 4860 | 18/10/09                          | MBS (MOS Bidirectionnal Switch).pdf               | 439 |
| 4861 | 20/10/09                          | Modeling of magnetic components.pdf               | 175 |
| 4862 | 19/10/09                          | Modified Series Resonant Converter.pdf            | 258 |
| 4863 | 18/10/09                          | Multilevel Inverter Topology.pdf                  | 196 |

|      |   |  |     |
|------|---|--|-----|
| 4864 | 20/10/09  | Optimisation Techniques for Active Filters.pdf | 165 |
| 4865 | 19/10/09  | Oscillations of IGBT during Turn-Off.pdf       | 136 |
| 4866 | 20/10/09  | PFC Full Bridge Rectifier EMI Forecast.pdf     | 256 |
| 4867 | 20/10/09  | PWM Voltage Inverter EMI Effects.pdf           | 302 |
| 4868 | 19/10/09  | Quasi Tri-Directional Switches PFC.pdf         | 306 |
| 4869 | 18/10/09  | Radiated Emissions from Power Electronics.pdf  | 448 |
| 4870 | 20/10/09  | Radiation of a power converter.pdf             | 252 |
| 4871 | 18/10/09  | Results of Irradiated Power Diodes.pdf         | 91  |
| 4872 | 20/10/09  | Separation CM & DM Noise.pdf                   | 272 |
| 4873 | 20/10/09  | Shaft Voltages and Bearing Currents.pdf        | 266 |
| 4874 | 20/10/09  | Silicon Absorption of Surge Voltages.pdf       | 164 |
| 4875 | 20/10/09  | SMPS Feedback Control.pdf                      | 265 |
| 4876 | 18/10/09  | Stable Calibration Current Source.pdf          | 246 |
| 4877 | 18/10/09  | Standards for Thermal Interface Materials.pdf  | 41  |
| 4878 | 20/10/09  | Superposition of Converter Interferences.pdf   | 524 |
| 4879 | 18/10/09  | Temperature modelling of power modules.pdf     | 53  |
| 4880 | 18/10/09  | Thyristor Dual Power Switches Design.pdf       | 417 |
| 4881 | 20/10/09  | Wide Bandwidth Current Probe.pdf               | 351 |
| 4882 | 19/10/09  | Wide Bandwidth Rogowski Transducer.pdf         | 192 |
| 4883 | 18/10/09  | 3-Phase PFC with 3 Unidirectional Switches.pdf | 175 |
| 4884 | <b>Conversion d'énergie\INTELEC '98 San Francisco</b> |  |     |
| 4885 | 21/01/02  | 0 start.pdf                                    | 131 |
| 4886 | 21/01/02  | 48 V DC supply.pdf                             | 76  |
| 4887 | 21/01/02  | Active snubber.pdf                             | 120 |
| 4888 | 21/01/02  | Batteries failure.pdf                          | 124 |
| 4889 | 21/01/02  | Batteries lifetime.pdf                         | 146 |
| 4890 | 20/01/02  | Batteries overview.PDF                         | 39  |
| 4891 | 21/01/02  | Battery conductance.pdf                        | 56  |
| 4892 | 21/01/02  | Battery discharge time.pdf                     | 236 |
| 4893 | 21/01/02  | Battery reliability.pdf                        | 80  |
| 4894 | 21/01/02  | Boost PFC EMI.pdf                              | 265 |
| 4895 | 21/01/02  | Current doubler inductor.pdf                   | 116 |
| 4896 | 20/01/02  | DSP for UPS.PDF                                | 107 |
| 4897 | 21/01/02  | First harmonic design.pdf                      | 107 |
| 4898 | 20/01/02  | FITL powering.PDF                              | 58  |

|      |   |  |      |
|------|---|--|------|
| 4899 | 21/01/02  | Flywheel plus gas engine.pdf                     | 237  |
| 4900 | 21/01/02  | Fuse-blowing.pdf                                 | 111  |
| 4901 | 21/01/02  | High-Voltage MOSFET's.pdf                        | 221  |
| 4902 | 21/01/02  | Initial voltage drop.pdf                         | 111  |
| 4903 | 20/01/02  | Interface protectors.PDF                         | 37   |
| 4904 | 21/01/02  | Lightning protection.pdf                         | 198  |
| 4905 | 21/01/02  | Lithium polymer battery.PDF                      | 121  |
| 4906 | 20/01/02  | Maximum batteries life.PDF                       | 72   |
| 4907 | 20/01/02  | Operating temperature.PDF                        | 44   |
| 4908 | 20/01/02  | Simplified architecture.PDF                      | 60   |
| 4909 | 21/01/02  | Synchronous rectifier.pdf                        | 155  |
| 4910 | 21/01/02  | Thermal runaway.pdf                              | 69   |
| 4911 | 21/01/02  | VRLA batteries.pdf                               | 122  |
| 4912 | 20/01/02  | Water loss.PDF                                   | 64   |
| 4913 | <b>Conversion d'énergie\Mesures en conversion d'énergie</b>       |  |      |
| 4914 | 28/12/12  | Dynamic Power Analysis Techniques.pdf            | 401  |
| 4915 | 24/09/13  | EMF in Vicinity of Inductive Power Transfer.pdf  | 538  |
| 4916 | 11/07/11  | Power Conversion Technology 98.pdf               | 1036 |
| 4917 | <b>Conversion d'énergie\Modélisation Simulation des convertis</b> |  |      |
| 4918 | 15/03/10  | Aids Converter Design.pdf                        | 183  |
| 4919 | 26/09/10  | Block Analysis of a Voltage Supply Chain.pdf     | 624  |
| 4920 | 13/10/09  | Characterization of a PFC Converter.pdf          | 7780 |
| 4921 | 20/08/09  | Conducted EMI Simulation of SMPS.pdf             | 209  |
| 4922 | 31/01/14  | EM Noise from LED Light Bulbs.pdf                | 1383 |
| 4923 | 16/10/12  | EMI Noise Modeling and Reduction for SMPS.pdf    | 1969 |
| 4924 | 19/08/09  | EMI Prediction in Switched Power Supplies.pdf    | 465  |
| 4925 | 12/07/12  | Equipotential Transformer Modeling Technique.pdf | 576  |
| 4926 | 28/10/08  | HF model of DC motor impedance.pdf               | 156  |
| 4927 | 21/03/04  | Modèle conduit de convertisseur.pdf              | 251  |
| 4928 | 10/02/09  | Modeling of a DVR.pdf                            | 118  |
| 4929 | 12/10/09  | Modeling of Conducted EMI in Speed Drives.pdf    | 370  |
| 4930 | 13/01/14  | N-Conductor Passive Circuit Modeling.pdf         | 571  |
| 4931 | 18/12/04  | Non-Linear Driver Macro-Model.pdf                | 202  |
| 4932 | 15/12/06  | Prediction of LF EMI from SMPS.pdf               | 517  |
| 4933 | 26/10/12  | Simulating Power Supply Transients and Noise.pdf | 939  |

|      |   |   |      |
|------|---|---|------|
| 4934 | 13/10/09  | Simulation of conducted EMI in isolated DC-DC.pdf | 401  |
| 4935 | 10/02/09  | Simulation of UPS and DVR.pdf                     | 95   |
| 4936 | 12/01/10  | Simulations Flyback 1.doc                         | 233  |
| 4937 | 12/01/10  | Simulations Flyback 2.doc                         | 274  |
| 4938 | 20/12/04  | SMPS Harmonic & Interference.pdf                  | 448  |
| 4939 | 13/10/09  | SPICE Power Specialist's App Note Book.pdf        | 2018 |
| 4940 | 25/11/07  | State Variable Approach.pdf                       | 329  |
| 4941 | 23/11/11  | The Dark Side of the Loop Theory.pdf              | 4260 |
| 4942 | 02/07/09  | UHVDC Converter Station.pdf                       | 497  |
| 4943 | <b>Conversion d'énergie\Notes d'application</b> |   |      |
| 4944 | 20/08/11  | Digital Control-Loop for PWM.pdf                  | 789  |
| 4945 | 20/08/11  | Noise-Spreading Techniques in SMPS.pdf            | 2019 |
| 4946 | 20/08/11  | slup110 Fueling the Megaprocessors.pdf            | 1647 |
| 4947 | 20/08/11  | slup111 100W 400kHz Sync Rectification.pdf        | 1719 |
| 4948 | 20/08/11  | slup112 Active Clamp and Reset.pdf                | 1698 |
| 4949 | 20/08/11  | slup113a Control Loop Cookbook.pdf                | 809  |
| 4950 | 20/08/11  | slup114 Current Sensing for SMPS.pdf              | 2406 |
| 4951 | 20/08/11  | slup116 4 Quadrant Flyback Converter.pdf          | 908  |
| 4952 | <b>Conversion d'énergie\PCIM 1995</b>           |   |      |
| 4953 | 24/10/09  | Active Harmonic Conditioner.pdf                   | 67   |
| 4954 | 24/10/09  | Avalanche Overshoot for MOSFETs.pdf               | 61   |
| 4955 | 24/10/09  | EMC Directive, Law and Standards.pdf              | 97   |
| 4956 | 24/10/09  | EMC of Power Semiconductor Modules.pdf            | 149  |
| 4957 | 24/10/09  | Ferrite Cores and Winding Techniques.pdf          | 470  |
| 4958 | 24/10/09  | Hall-generator probes.pdf                         | 82   |
| 4959 | 24/10/09  | Hexfets Synchronous Rectification.pdf             | 124  |
| 4960 | 24/10/09  | Inverter Design for Mass Production.pdf           | 115  |
| 4961 | 24/10/09  | Low EMI DC-DC Resonant Converter.pdf              | 208  |
| 4962 | 24/10/09  | MCTs in IEC 61000-4-11 EMC Test.pdf               | 52   |
| 4963 | 24/10/09  | Royer Inverter.pdf                                | 143  |
| 4964 | 24/10/09  | Siemens AC Drive Systems.pdf                      | 86   |
| 4965 | 24/10/09  | Soft Ferrites Temperature Dependence.pdf          | 266  |
| 4966 | 24/10/09  | Synchronous Rectification.pdf                     | 91   |
| 4967 | 24/10/09  | Voltage Limiter Circuit.pdf                       | 117  |
| 4968 | 24/10/09  | ZVS & ZCS Full Bridge Switching.pdf               | 114  |

|      |                                       |   |       |
|------|---------------------------------------|---|-------|
| 4969 | <b>Conversion d'énergie\PCIM 1996</b> |   |       |
| 4970 | 25/10/09                              | Alternative to Electrolytic Capacitors.pdf  | 40    |
| 4971 | 25/10/09                              | Fiber Optic in Power Conversion.pdf         | 76    |
| 4972 | 25/10/09                              | High Efficient DC-DC Conversion.pdf         | 52    |
| 4973 | 25/10/09                              | Laminated Busbars.pdf                       | 69    |
| 4974 | 25/10/09                              | Multilayer MOV Technology.pdf               | 77    |
| 4975 | 25/10/09                              | PCIM 1996.pdf                               | 13383 |
| 4976 | 25/10/09                              | Planar-Technologies vs Standard Winding.pdf | 1200  |
| 4977 | 25/10/09                              | PWM technique in DC-AC supply.pdf           | 192   |
| 4978 | 25/10/09                              | Rectifiers with float-zone (FZ) silicon.pdf | 80    |
| 4979 | 25/10/09                              | Remagnetization Losses of Ferrite.pdf       | 149   |
| 4980 | 25/10/09                              | Simulation of a Busbar.pdf                  | 330   |
| 4981 | 25/10/09                              | Snubber Circuits for MCT.pdf                | 222   |
| 4982 | 25/10/09                              | Thermal Runaway in Rectifiers.pdf           | 187   |
| 4983 | <b>Conversion d'énergie\PCIM 1997</b> |   |       |
| 4984 | 26/03/02                              | 0 PCIM'97.pdf                               | 37    |
| 4985 | 26/03/02                              | 0 PCPC'97.pdf                               | 38    |
| 4986 | 26/03/02                              | 1 kW - 27 MHz amplifier.pdf                 | 217   |
| 4987 | 26/03/02                              | 3.3 kV IGBT modules.pdf                     | 81    |
| 4988 | 26/03/02                              | AC vs DC resistance.pdf                     | 790   |
| 4989 | 26/03/02                              | HF spacecraft converters.pdf                | 146   |
| 4990 | 22/12/04                              | Leakage inductance.pdf                      | 67    |
| 4991 | 26/03/02                              | New family of ZVS.pdf                       | 141   |
| 4992 | 26/03/02                              | PFC control method.pdf                      | 199   |
| 4993 | 26/03/02                              | SPICE modelling.pdf                         | 74    |
| 4994 | <b>Conversion d'énergie\PCIM 1999</b> |   |       |
| 4995 | 26/03/02                              | 0 PCIM'99.pdf                               | 49    |
| 4996 | 26/03/02                              | 0 PCPC.pdf                                  | 62    |
| 4997 | 26/03/02                              | 3-phase inductor.pdf                        | 242   |
| 4998 | 26/03/02                              | Active output filter.pdf                    | 148   |
| 4999 | 26/03/02                              | Automotive SmartMOS.pdf                     | 118   |
| 5000 | 26/03/02                              | Automotive steering.pdf                     | 132   |
| 5001 | 26/03/02                              | Components reliability.pdf                  | 58    |
| 5002 | 26/03/02                              | Continuous vs discontinuous.pdf             | 115   |
| 5003 | 26/03/02                              | CoolMOS.pdf                                 | 148   |

|      |                                       |                                |     |
|------|---------------------------------------|--------------------------------|-----|
| 5004 | 26/03/02                              | CoolSET.pdf                    | 141 |
| 5005 | 26/03/02                              | Electronic packaging.pdf       | 169 |
| 5006 | 26/03/02                              | EMI reduction.pdf              | 191 |
| 5007 | 26/03/02                              | Fast high-power switch.pdf     | 128 |
| 5008 | 26/03/02                              | HF planar magnetics.pdf        | 60  |
| 5009 | 26/03/02                              | High step-down converter.pdf   | 83  |
| 5010 | 26/03/02                              | High-temp testing.pdf          | 141 |
| 5011 | 26/03/02                              | High-voltage IGBT driver.pdf   | 158 |
| 5012 | 26/03/02                              | High-voltage small convert.pdf | 203 |
| 5013 | 26/03/02                              | IGBT heatsinks.pdf             | 68  |
| 5014 | 26/03/02                              | Insulated IGBT ageing.pdf      | 167 |
| 5015 | 26/03/02                              | Laeuffer converter control.pdf | 110 |
| 5016 | 26/03/02                              | Lo-cost ZVS flyback PFC.pdf    | 113 |
| 5017 | 26/03/02                              | Meet harmonic limits.pdf       | 46  |
| 5018 | 26/03/02                              | Power capacitors.pdf           | 178 |
| 5019 | 26/03/02                              | Protected IGBT.pdf             | 167 |
| 5020 | 26/03/02                              | Pulse avalanche testing.pdf    | 137 |
| 5021 | 26/03/02                              | Rogowski transducer.pdf        | 75  |
| 5022 | 26/03/02                              | SMPS common mode.pdf           | 103 |
| 5023 | 26/03/02                              | Thermal severity.pdf           | 49  |
| 5024 | 26/03/02                              | TrenchMOS.pdf                  | 45  |
| 5025 | 26/03/02                              | ZVS flyback.pdf                | 92  |
| 5026 | 26/03/02                              | ZVS multi-resonant DC-DC.pdf   | 147 |
| 5027 | <b>Conversion d'énergie\PCIM 2000</b> |                                |     |
| 5028 | 25/03/02                              | 0 PQ.PDF                       | 43  |
| 5029 | 25/03/02                              | 1400 V double half-bridge.PDF  | 116 |
| 5030 | 25/03/02                              | 3 phase soft switching.PDF     | 215 |
| 5031 | 24/03/02                              | 42 V car.PDF                   | 109 |
| 5032 | 25/03/02                              | Active harmonics filter.PDF    | 57  |
| 5033 | 25/03/02                              | Arc furnace.PDF                | 103 |
| 5034 | 25/03/02                              | CAN implementation.pdf         | 98  |
| 5035 | 25/03/02                              | Conditioning system.PDF        | 77  |
| 5036 | 25/03/02                              | CUK structure.PDF              | 133 |
| 5037 | 25/03/02                              | Current transducer.pdf         | 95  |
| 5038 | 25/03/02                              | Data sheet.PDF                 | 107 |



|      |          |                              |     |
|------|----------|------------------------------|-----|
| 5039 | 25/03/02 | Diode recovery.PDF           | 95  |
| 5040 | 25/03/02 | Distorsion analysis.PDF      | 106 |
| 5041 | 25/03/02 | Electrolytic inductance.pdf  | 183 |
| 5042 | 25/03/02 | Fast CoolMOS.PDF             | 153 |
| 5043 | 25/03/02 | Fast transients.pdf          | 252 |
| 5044 | 25/03/02 | Filter principles.PDF        | 204 |
| 5045 | 25/03/02 | Flicker analysis.PDF         | 163 |
| 5046 | 25/03/02 | Flicker measurement.PDF      | 593 |
| 5047 | 25/03/02 | Flywheel.PDF                 | 145 |
| 5048 | 25/03/02 | Galaxy 3000.pdf              | 83  |
| 5049 | 25/03/02 | High-voltage MOSFET.PDF      | 90  |
| 5050 | 25/03/02 | IGBTs losses.PDF             | 76  |
| 5051 | 25/03/02 | Innovative packaging.pdf     | 158 |
| 5052 | 25/03/02 | IT-type fault.pdf            | 199 |
| 5053 | 25/03/02 | L5970 buck.PDF               | 84  |
| 5054 | 25/03/02 | Large-area solder joints.PDF | 64  |
| 5055 | 24/03/02 | LEM in automotive.PDF        | 142 |
| 5056 | 25/03/02 | Magnetoresistive sensor.PDF  | 83  |
| 5057 | 25/03/02 | MOSFET matrix.PDF            | 93  |
| 5058 | 25/03/02 | MOSFET ruggeddenss.pdf       | 74  |
| 5059 | 25/03/02 | Parallel IGBTs.PDF           | 157 |
| 5060 | 24/03/02 | PCB layout techniques.PDF    | 110 |
| 5061 | 25/03/02 | Photovoltaic plant.PDF       | 61  |
| 5062 | 25/03/02 | Power IC's.pdf               | 232 |
| 5063 | 25/03/02 | Power packaging.pdf          | 217 |
| 5064 | 25/03/02 | Reverse blocking IGCT.pdf    | 110 |
| 5065 | 25/03/02 | Ripple-free flyback.pdf      | 195 |
| 5066 | 24/03/02 | Robust 1200V trench IGBT.PDF | 87  |
| 5067 | 25/03/02 | SAPFET.PDF                   | 53  |
| 5068 | 25/03/02 | Sinus absorption.PDF         | 105 |
| 5069 | 25/03/02 | Soft switching IGBT.pdf      | 282 |
| 5070 | 25/03/02 | Solar inverter.PDF           | 85  |
| 5071 | 25/03/02 | Supercapacitors.pdf          | 147 |
| 5072 | 25/03/02 | Thermal SPICE model.PDF      | 135 |
| 5073 | 25/03/02 | Thyristors matrix.PDF        | 252 |

|      |                                       |                                 |     |
|------|---------------------------------------|---------------------------------|-----|
| 5074 | 25/03/02                              | Transformers capacitance.pdf    | 146 |
| 5075 | 24/03/02                              | Trench gate IGBT.PDF            | 79  |
| 5076 | 25/03/02                              | Triacs immunity.PDF             | 117 |
| 5077 | 25/03/02                              | Ultra-Cap.pdf                   | 98  |
| 5078 | 25/03/02                              | Ultra-slim diode.PDF            | 66  |
| 5079 | 25/03/02                              | Waf-Waf.PDF                     | 112 |
| 5080 | <b>Conversion d'énergie\PCIM 2001</b> |                                 |     |
| 5081 | 25/03/02                              | 0 PCIM.pdf                      | 49  |
| 5082 | 25/03/02                              | 0 PCPC.pdf                      | 54  |
| 5083 | 26/03/02                              | 0 PCPQ.pdf                      | 36  |
| 5084 | 25/03/02                              | 1700 V Trench IGBT.PDF          | 131 |
| 5085 | 25/03/02                              | Aluminum vs copper.pdf          | 167 |
| 5086 | 25/03/02                              | Automotive converter.pdf        | 132 |
| 5087 | 26/03/02                              | Automotive requirements.pdf     | 222 |
| 5088 | 25/03/02                              | CAN in motor control.pdf        | 160 |
| 5089 | 26/03/02                              | C-D harmonic filter.pdf         | 139 |
| 5090 | 25/03/02                              | Compact fluorescent lamp.pdf    | 176 |
| 5091 | 25/03/02                              | Consumer drive controls.pdf     | 123 |
| 5092 | 25/03/02                              | Contactless inverter.pdf        | 103 |
| 5093 | 26/03/02                              | CoolMOS.pdf                     | 111 |
| 5094 | 26/03/02                              | Cores temperature.pdf           | 124 |
| 5095 | 26/03/02                              | Current transducer techno.pdf   | 275 |
| 5096 | 26/03/02                              | DC-DC converter efficiency.PDF  | 92  |
| 5097 | 26/03/02                              | Differential current sensor.pdf | 142 |
| 5098 | 26/03/02                              | Differential mode filter.pdf    | 538 |
| 5099 | 26/03/02                              | Direct Bonded Copper.pdf        | 149 |
| 5100 | 26/03/02                              | DirectFETs.pdf                  | 279 |
| 5101 | 25/03/02                              | Distributed generation.pdf      | 471 |
| 5102 | 26/03/02                              | Double-layer capacitors.pdf     | 113 |
| 5103 | 25/03/02                              | EconoPACK+.pdf                  | 215 |
| 5104 | 26/03/02                              | Embedded generators.pdf         | 114 |
| 5105 | 25/03/02                              | EMC of servodrives.pdf          | 68  |
| 5106 | 26/03/02                              | EMC vs load conditions.pdf      | 189 |
| 5107 | 25/03/02                              | EMI for home appliances.PDF     | 83  |
| 5108 | 26/03/02                              | Fault current limiters.pdf      | 95  |

|      |                                       |  |     |
|------|---------------------------------------|--|-----|
| 5109 | 26/03/02                              | Future ferrite materials.pdf                 | 56  |
| 5110 | 26/03/02                              | Grid impedance.pdf                           | 88  |
| 5111 | 25/03/02                              | Harmonic reduction.pdf                       | 196 |
| 5112 | 26/03/02                              | Humidity protective unit.pdf                 | 141 |
| 5113 | 26/03/02                              | Hybrid power ICs.pdf                         | 67  |
| 5114 | 26/03/02                              | IGBT losses.pdf                              | 175 |
| 5115 | 26/03/02                              | Inrush current.pdf                           | 150 |
| 5116 | 25/03/02                              | Insulated metal substrat.pdf                 | 220 |
| 5117 | 25/03/02                              | Internet in motor.pdf                        | 113 |
| 5118 | 25/03/02                              | Low-losses flyback.pdf                       | 67  |
| 5119 | 26/03/02                              | MATRIX switches.pdf                          | 313 |
| 5120 | 26/03/02                              | Novel TO220 package.pdf                      | 66  |
| 5121 | 25/03/02                              | Power cells.pdf                              | 197 |
| 5122 | 26/03/02                              | Power quality.pdf                            | 90  |
| 5123 | 25/03/02                              | Prototyping tools.pdf                        | 370 |
| 5124 | 26/03/02                              | Selective compensation.pdf                   | 173 |
| 5125 | 26/03/02                              | SiC Schottky diodes.pdf                      | 371 |
| 5126 | 25/03/02                              | SMPS II IGBTs.pdf                            | 201 |
| 5127 | 25/03/02                              | Structural harmonics.pdf                     | 171 |
| 5128 | 25/03/02                              | Supercaps.pdf                                | 205 |
| 5129 | 25/03/02                              | Synchronous rectification.pdf                | 141 |
| 5130 | 26/03/02                              | THD Management.pdf                           | 269 |
| 5131 | 25/03/02                              | Topology & components.pdf                    | 207 |
| 5132 | 26/03/02                              | UPS vs power generation.pdf                  | 372 |
| 5133 | 26/03/02                              | Voltage sag protection.pdf                   | 329 |
| 5134 | 26/03/02                              | Wafer-Scale Packaging.pdf                    | 45  |
| 5135 | <b>Conversion d'énergie\PCIM 2002</b> |  |     |
| 5136 | 25/10/09                              | Ballast Design Software.pdf                  | 195 |
| 5137 | 25/10/09                              | Bidirectional Isolated AC-DC Converter.pdf   | 186 |
| 5138 | 25/10/09                              | CM in Inverter-Induction Motor Drive.pdf     | 216 |
| 5139 | 25/10/09                              | Core Losses by DC Flux-Density Bias.pdf      | 159 |
| 5140 | 25/10/09                              | Flyback Synchronous Rectification.pdf        | 292 |
| 5141 | 25/10/09                              | H field radiated by a HF power converter.pdf | 380 |
| 5142 | 25/10/09                              | Long Motor Feeder Cables.pdf                 | 215 |
| 5143 | 25/10/09                              | Powerful surge voltage suppressors.pdf       | 87  |

|      |  |                                    |      |
|------|--|------------------------------------|------|
| 5144 | 25/10/09   | Prospects of SiC Power Devices.pdf | 912  |
| 5145 | <b>Conversion d'énergie\PCIM 2003\intelligent motion</b> |                                    |      |
| 5146 | 26/09/03   | Automotive 100 kHz-inverter.pdf    | 432  |
| 5147 | 26/09/03   | Bearing currents.pdf               | 218  |
| 5148 | 26/09/03   | Converter without cap.pdf          | 429  |
| 5149 | 26/09/03   | Current Vector Control.pdf         | 220  |
| 5150 | 26/09/03   | Dead time effect.pdf               | 238  |
| 5151 | 26/09/03   | Direct measuring system.pdf        | 182  |
| 5152 | 26/09/03   | Drive simulation.pdf               | 440  |
| 5153 | 26/09/03   | Electric Scooter.pdf               | 952  |
| 5154 | 26/09/03   | EMI in Electric Vehicles.pdf       | 448  |
| 5155 | 26/09/03   | Indirect Matrix Converter.pdf      | 425  |
| 5156 | 26/09/03   | Inner Loop Motor Control.pdf       | 895  |
| 5157 | 26/09/03   | Integration trends.pdf             | 1174 |
| 5158 | 26/09/03   | Motor feedback sensor.pdf          | 108  |
| 5159 | 26/09/03   | On-Chip Servo Drives.pdf           | 220  |
| 5160 | 26/09/03   | Permanent magnet bearing.pdf       | 423  |
| 5161 | 26/09/03   | Permanent Magnet Drive.pdf         | 104  |
| 5162 | 26/09/03   | PM brushless motors.pdf            | 575  |
| 5163 | 26/09/03   | Position-Cont.l Algorithms'.pdf    | 139  |
| 5164 | 26/09/03   | Resolver digital conversion.pdf    | 201  |
| 5165 | 26/09/03   | Robust Speed Control.pdf           | 68   |
| 5166 | 26/09/03   | Rolling Mill Main Drives.pdf       | 494  |
| 5167 | 26/09/03   | Sensorless magnet motor.pdf        | 105  |
| 5168 | 26/09/03   | Sensorless synchron motor.pdf      | 591  |
| 5169 | 26/09/03   | Short stroke moves.pdf             | 126  |
| 5170 | 26/09/03   | Simplified vector control.pdf      | 494  |
| 5171 | 26/09/03   | Soft Magnetic Composites.pdf       | 291  |
| 5172 | 26/09/03   | Speed estimator.pdf                | 157  |
| 5173 | <b>Conversion d'énergie\PCIM 2003\power electronics</b>  |                                    |      |
| 5174 | 29/09/03   | 1700V IGBT module.pdf              | 399  |
| 5175 | 27/09/03   | Aperiodic DC-DC converter.pdf      | 195  |
| 5176 | 27/09/03   | Ballast for HID Lamps.pdf          | 182  |
| 5177 | 29/09/03   | Bi-directional DC-DC conv.pdf      | 400  |
| 5178 | 18/01/04   | Busbar Design.pdf                  | 596  |

|      |          |                                  |     |
|------|----------|----------------------------------|-----|
| 5179 | 29/09/03 | Capacitor Reset scheme.pdf       | 393 |
| 5180 | 29/09/03 | Current multilyer rectifier.pdf  | 318 |
| 5181 | 27/09/03 | Current Sensing Technologies.pdf | 280 |
| 5182 | 29/09/03 | DC Caps Losses Balance.pdf       | 253 |
| 5183 | 27/09/03 | Distributed power supply.pdf     | 261 |
| 5184 | 29/09/03 | DSP four-quadrant inverter.pdf   | 269 |
| 5185 | 29/09/03 | Flyback-forward conv.pdf         | 274 |
| 5186 | 29/09/03 | High efficient PFC.pdf           | 864 |
| 5187 | 27/09/03 | High temperature diode.pdf       | 87  |
| 5188 | 27/09/03 | High Temperature Magnetics.pdf   | 175 |
| 5189 | 27/09/03 | High-Voltage flyback.pdf         | 186 |
| 5190 | 27/09/03 | Hyper-resonant inverter.pdf      | 127 |
| 5191 | 27/09/03 | IEGT module .pdf                 | 144 |
| 5192 | 27/09/03 | IGBTs and IGCTs over 8kV.pdf     | 391 |
| 5193 | 27/09/03 | IPS's EMC disturbances.pdf       | 251 |
| 5194 | 27/09/03 | Irradiated thyristor.pdf         | 228 |
| 5195 | 29/09/03 | Laminated busbar inductance.pdf  | 147 |
| 5196 | 27/09/03 | Light dimmer.pdf                 | 164 |
| 5197 | 29/09/03 | Low-Cost IGBT Inverter.pdf       | 191 |
| 5198 | 27/09/03 | Miniature Powder Core.pdf        | 284 |
| 5199 | 27/09/03 | MnZn ferrite.pdf                 | 238 |
| 5200 | 27/09/03 | Mn-Zn Ferrites for EMC.pdf       | 252 |
| 5201 | 27/09/03 | MOSFET package parasitics.pdf    | 260 |
| 5202 | 29/09/03 | MOSFETs driver tailoring.pdf     | 282 |
| 5203 | 18/01/04 | Parallel LoPak Modules.pdf       | 756 |
| 5204 | 27/09/03 | Parasitic Inductance.pdf         | 192 |
| 5205 | 27/09/03 | PCB cooling.pdf                  | 547 |
| 5206 | 29/09/03 | PFC in DIL package.pdf           | 364 |
| 5207 | 29/09/03 | PFC Single-Cycle Control.pdf     | 333 |
| 5208 | 29/09/03 | Power Losses calculation.pdf     | 243 |
| 5209 | 27/09/03 | Power MOSFETs.pdf                | 292 |
| 5210 | 27/09/03 | Power simulation.pdf             | 121 |
| 5211 | 29/09/03 | Quasi-resonant SPICE model.pdf   | 179 |
| 5212 | 27/09/03 | Resonance ZCS analysis-.pdf      | 239 |
| 5213 | 27/09/03 | Revised MOSFET Model.pdf         | 170 |

|      |   |                                 |      |
|------|---|---------------------------------|------|
| 5214 | 29/09/03  | Robust digital PFC.pdf          | 254  |
| 5215 | 27/09/03  | Self Protected Switch.pdf       | 230  |
| 5216 | 29/09/03  | Si Carbide questions.pdf        | 1101 |
| 5217 | 27/09/03  | SiC-JFET-Cascode.pdf            | 371  |
| 5218 | 29/09/03  | Stand-by burst mode.pdf         | 310  |
| 5219 | 29/09/03  | Synchronous rectification.pdf   | 91   |
| 5220 | 29/09/03  | Thermal-Fluidic Simulation-.pdf | 841  |
| 5221 | 27/09/03  | Variable Inductor.pdf           | 271  |
| 5222 | 27/09/03  | Volume optimisation.pdf         | 526  |
| 5223 | <b>Conversion d'énergie\PCIM 2003\power quality</b> |                                 |      |
| 5224 | 30/09/03  | 5kW 3-Phase Buck+Boost.pdf      | 1118 |
| 5225 | 29/09/03  | Active Power Filter.pdf         | 166  |
| 5226 | 29/09/03  | Arc-furnaces flicker-.pdf       | 212  |
| 5227 | 30/09/03  | Bi-Direct. AC-DC converter.pdf  | 2114 |
| 5228 | 29/09/03  | Bidirectional UPS.pdf           | 152  |
| 5229 | 30/09/03  | Common Mode Currents.pdf        | 227  |
| 5230 | 30/09/03  | Common mode reduction.pdf       | 632  |
| 5231 | 29/09/03  | DC Arc Furnace.pdf              | 343  |
| 5232 | 30/09/03  | Digital flickermeter.pdf        | 137  |
| 5233 | 29/09/03  | Energy Traction Quality.pdf     | 1460 |
| 5234 | 30/09/03  | EUROCONTROL availability.pdf    | 612  |
| 5235 | 30/09/03  | Fault detection.pdf             | 520  |
| 5236 | 29/09/03  | Fault MV network model.pdf      | 143  |
| 5237 | 01/10/03  | Flywheel for UPS.pdf            | 140  |
| 5238 | 01/10/03  | Flywheel hybrid storage.pdf     | 1221 |
| 5239 | 01/10/03  | Flywheel stabilisation.pdf      | 221  |
| 5240 | 01/10/03  | Gas-turbine harmonic cancel.pdf | 1404 |
| 5241 | 29/09/03  | Intermittent recharging--.pdf   | 320  |
| 5242 | 01/10/03  | Megawatts Wind Turbines.pdf     | 146  |
| 5243 | 01/10/03  | Passive harmonic cancelling.pdf | 147  |
| 5244 | 01/10/03  | Passive PFC historic.pdf        | 131  |
| 5245 | 30/09/03  | Power Quality Indices.pdf       | 109  |
| 5246 | 29/09/03  | PQ-Regulation.pdf               | 70   |
| 5247 | 29/09/03  | Radiated EMI antennas.pdf       | 141  |
| 5248 | 29/09/03  | Railway stray currents.pdf      | 621  |

|      |                                       |  |      |
|------|---------------------------------------|--|------|
| 5249 | 29/09/03                              | Resistive antenna.pdf                    | 80   |
| 5250 | 30/09/03                              | Solar power inverter.pdf                 | 172  |
| 5251 | 01/10/03                              | Stand-alone wind turbine.pdf             | 212  |
| 5252 | 01/10/03                              | Supercap Stabilisation.pdf               | 464  |
| 5253 | 01/10/03                              | Supercaps Key rules.pdf                  | 185  |
| 5254 | 30/09/03                              | Supply quality.pdf                       | 114  |
| 5255 | 01/10/03                              | Ultracapacitor applications.pdf          | 635  |
| 5256 | 01/10/03                              | Ultracaps for UPSs.pdf                   | 936  |
| 5257 | 29/09/03                              | UPS and Fuel Cells.pdf                   | 164  |
| 5258 | 29/09/03                              | Variable Speed Motion.pdf                | 1627 |
| 5259 | 30/09/03                              | VRLA Batteries impedance.pdf             | 211  |
| 5260 | 30/09/03                              | Wind energy technology.pdf               | 463  |
| 5261 | 01/10/03                              | Wind Parks Power Quality.pdf             | 153  |
| 5262 | 01/10/03                              | Wind turbines overview.pdf               | 113  |
| 5263 | 01/10/03                              | Wound-Rotor wind turbine.pdf             | 487  |
| 5264 | <b>Conversion d'énergie\PCIM 2004</b> |  |      |
| 5265 | 12/06/04                              | 'Low Profile' Power Modules.pdf          | 266  |
| 5266 | 13/06/04                              | 1000W AC-DC Supply with Boost PFC.pdf    | 94   |
| 5267 | 11/06/04                              | 1200V, 3-phase inverter applications.pdf | 236  |
| 5268 | 11/06/04                              | 1700V IGBT Modules with CSTBT.pdf        | 178  |
| 5269 | 09/06/04                              | 1kA source 60ns rise time.pdf            | 182  |
| 5270 | 10/06/04                              | 200 Ampere at One Volt VRM.pdf           | 191  |
| 5271 | 11/06/04                              | 3,3kV-1,2kA IEGT trench-gate.pdf         | 119  |
| 5272 | 14/06/04                              | 300V IGBTs Displace MOSFETs.pdf          | 93   |
| 5273 | 11/06/04                              | 3300V Trench IGBT Module.pdf             | 195  |
| 5274 | 13/06/04                              | 3-Phase Bridge Buck PFC Rectifiers.pdf   | 286  |
| 5275 | 11/06/04                              | 3-Phase Buck+Boost - Boost+Buck PFC.pdf  | 587  |
| 5276 | 12/06/04                              | 6.5kV IEGT module development.pdf        | 206  |
| 5277 | 13/06/04                              | 600V-IGBT- A detailed Analysis.pdf       | 178  |
| 5278 | 11/06/04                              | Adaptive Control Algorithms.pdf          | 182  |
| 5279 | 14/06/04                              | Adjustable shunt regulator.pdf           | 105  |
| 5280 | 09/06/04                              | Advanced Insulated Metal Substrates.pdf  | 435  |
| 5281 | 11/06/04                              | Application of supercapacitors.pdf       | 126  |
| 5282 | 14/06/04                              | AsGa Schottky Diode.pdf                  | 267  |
| 5283 | 14/06/04                              | Asymptotically Exact Linearization.pdf   | 127  |

|      |          |   |     |
|------|----------|---|-----|
| 5284 | 11/06/04 | ATP-EMTP for hybrid storage system.pdf        | 218 |
| 5285 | 09/06/04 | Automotive Converters Concepts.pdf            | 260 |
| 5286 | 13/06/04 | Automotive Permanent Magnet Motor.pdf         | 114 |
| 5287 | 14/06/04 | Avalanche Area Schottky Rectifier.pdf         | 125 |
| 5288 | 14/06/04 | Band Split PhV Converter.pdf                  | 631 |
| 5289 | 14/06/04 | Bearingless electromechanical actuator.pdf    | 327 |
| 5290 | 12/06/04 | Benchmark in SOA Capability.pdf               | 287 |
| 5291 | 14/06/04 | Bi-directional IGBT for matrix converters.pdf | 409 |
| 5292 | 13/06/04 | BLISTER LIQUID COLD PLATES.pdf                | 175 |
| 5293 | 12/06/04 | Bode Plot based Auto-Tuning.pdf               | 280 |
| 5294 | 09/06/04 | Boost Converter Optimal Design.pdf            | 483 |
| 5295 | 10/06/04 | Buck parasitic inductances.pdf                | 86  |
| 5296 | 13/06/04 | Buried magnet brushless dc motor.pdf          | 354 |
| 5297 | 01/05/04 | Compact Variable Speed Drive.pdf              | 424 |
| 5298 | 09/06/04 | Comparison in ZVS applications.pdf            | 140 |
| 5299 | 09/06/04 | Configuration for Mobile Power Source.pdf     | 226 |
| 5300 | 09/06/04 | Control and Power in Same Platform.pdf        | 577 |
| 5301 | 14/06/04 | Controlled rectifier synchronization.pdf      | 219 |
| 5302 | 13/06/04 | Copper-SiC IGBT Thermal Management.pdf        | 569 |
| 5303 | 10/06/04 | Core Demagnetization Detection.pdf            | 100 |
| 5304 | 11/06/04 | Coreless Transformer Driver.pdf               | 283 |
| 5305 | 13/06/04 | Current Shaping Circuits.pdf                  | 142 |
| 5306 | 09/06/04 | Current transducer Thermal modeling.pdf       | 324 |
| 5307 | 09/06/04 | DC-DC Converters with energy dosing.pdf       | 275 |
| 5308 | 14/06/04 | Dead time in voltage-fed PWM.pdf              | 124 |
| 5309 | 14/06/04 | Digital modulator.pdf                         | 92  |
| 5310 | 14/06/04 | Direct-Drive Wind Turbines.pdf                | 145 |
| 5311 | 14/06/04 | Discontinuous SMPS Failures Prediction.pdf    | 160 |
| 5312 | 10/06/04 | Electro-Hydrostatic Actuator.pdf              | 316 |
| 5313 | 09/06/04 | Embedded passives ICs.pdf                     | 451 |
| 5314 | 09/06/04 | EMC Problems in Bipolar Power.pdf             | 269 |
| 5315 | 14/06/04 | EMI FILTER DESIGN.pdf                         | 333 |
| 5316 | 14/06/04 | Emitter Switching Bipolar Transistor.pdf      | 230 |
| 5317 | 11/06/04 | Evaluation of Electric Energy Storage.pdf     | 100 |
| 5318 | 13/06/04 | Fast freewheeling Si diodes leads.pdf         | 379 |



|      |          |  |     |
|------|----------|--|-----|
| 5319 | 14/06/04 | FAST HV SOLID-STATE SWITCH.pdf             | 336 |
| 5320 | 14/06/04 | Ferrite polymer compound.pdf               | 145 |
| 5321 | 14/06/04 | Fixed Battery Monitoring System.pdf        | 361 |
| 5322 | 11/06/04 | Flywheels as Supplement to Batteries.pdf   | 281 |
| 5323 | 09/06/04 | Fuel Cell Power Train.pdf                  | 468 |
| 5324 | 09/06/04 | Fuel cell systems for UPS.pdf              | 156 |
| 5325 | 11/06/04 | Fully integrated intelligent driver.pdf    | 217 |
| 5326 | 14/06/04 | Grid-Connected Wind Turbines.pdf           | 146 |
| 5327 | 10/06/04 | Hard and soft filtering techniques.pdf     | 88  |
| 5328 | 14/06/04 | Hard- and Soft-Switched Transistors.pdf    | 264 |
| 5329 | 12/06/04 | Harmonic analysis and Flux Saturation.pdf  | 576 |
| 5330 | 14/06/04 | Harmonic Current Sources.pdf               | 277 |
| 5331 | 10/06/04 | High Load Currents on FR-4 PCB.pdf         | 305 |
| 5332 | 09/06/04 | High Precision DCCT.pdf                    | 131 |
| 5333 | 11/06/04 | High Speed Induction Machine Drives.pdf    | 140 |
| 5334 | 14/06/04 | High Speed Real-Time Network.pdf           | 155 |
| 5335 | 11/06/04 | High speed, galvanic isolated drives.pdf   | 201 |
| 5336 | 13/06/04 | High temperature module for avionics.pdf   | 385 |
| 5337 | 12/06/04 | Hybrid circuit breaker-current limiter.pdf | 86  |
| 5338 | 11/06/04 | Hybrid Vehicles Jacques LAEUFFER.pdf       | 249 |
| 5339 | 12/06/04 | Hypermarket harmonic depollution.pdf       | 919 |
| 5340 | 09/06/04 | Hysteresis Control of AC to DC.pdf         | 238 |
| 5341 | 14/06/04 | Ideal Switches Simulation.pdf              | 130 |
| 5342 | 10/06/04 | IGBT Drives quality design.pdf             | 394 |
| 5343 | 11/06/04 | IGBT Halfbridge Driver.pdf                 | 371 |
| 5344 | 11/06/04 | Induction Machine Torque.pdf               | 316 |
| 5345 | 14/06/04 | Input Currents for Wind Turbine.pdf        | 206 |
| 5346 | 12/06/04 | Large area IGCTs with improved SOA.pdf     | 322 |
| 5347 | 11/06/04 | Large Variable Speed Drive.pdf             | 547 |
| 5348 | 09/06/04 | Lead-Acid Electrolyte Density.pdf          | 165 |
| 5349 | 09/06/04 | Lead-acid for photovoltaic.pdf             | 215 |
| 5350 | 13/06/04 | Leading Power Factor Loads.pdf             | 150 |
| 5351 | 14/06/04 | Linear actuator simulation models.pdf      | 399 |
| 5352 | 14/06/04 | LINEAR-ANALOG FEEDBACK CONTROL.pdf         | 212 |
| 5353 | 09/06/04 | List of Authors.pdf                        | 46  |

|      |          |   |      |
|------|----------|---|------|
| 5354 | 14/06/04 | Lithium-Ion technology.pdf                | 520  |
| 5355 | 09/06/04 | Losses reduction in HV flyback.pdf        | 130  |
| 5356 | 11/06/04 | Low Voltage IGCTs (3.3kV).pdf             | 289  |
| 5357 | 11/06/04 | Low Voltage MOSFETs SO-8 STRipFET.pdf     | 161  |
| 5358 | 11/06/04 | Magnetic field sensor.pdf                 | 187  |
| 5359 | 11/06/04 | Mechatronic analysis of direct drive.pdf  | 229  |
| 5360 | 09/06/04 | Minimized Drive Applications.pdf          | 194  |
| 5361 | 12/06/04 | Modification in the inverters output.pdf  | 77   |
| 5362 | 11/06/04 | MOSFET Loss Model In MATLAB.pdf           | 158  |
| 5363 | 14/06/04 | Motion control sub-systems.pdf            | 51   |
| 5364 | 12/06/04 | Multi-functional control scheme.pdf       | 149  |
| 5365 | 11/06/04 | Multi-Inertia Traction Drive-Trains.pdf   | 223  |
| 5366 | 13/06/04 | New Cooling Concept.pdf                   | 439  |
| 5367 | 14/06/04 | New UPS Technology.pdf                    | 290  |
| 5368 | 10/06/04 | Next Step in Power MOSFET.pdf             | 199  |
| 5369 | 14/06/04 | Nonisolated Up-Down DC Converters.pdf     | 90   |
| 5370 | 14/06/04 | Novel Single-Phase UPS.pdf                | 506  |
| 5371 | 14/06/04 | Op Amp settling time.pdf                  | 109  |
| 5372 | 09/06/04 | Optimization of a magnetic separator.pdf  | 100  |
| 5373 | 12/06/04 | Optimized Bi-Quad Filter.pdf              | 218  |
| 5374 | 10/06/04 | Packages for High-power IGBT.pdf          | 1489 |
| 5375 | 09/06/04 | Parallel Commutation Cells.pdf            | 446  |
| 5376 | 09/06/04 | Parallel Current Source Inverters.pdf     | 126  |
| 5377 | 10/06/04 | PCB Layout Parasitic Inductances.pdf      | 458  |
| 5378 | 09/06/04 | Permanent Magnet Motors.pdf               | 150  |
| 5379 | 13/06/04 | PHOTOVOLTAØC SYSTEMS.pdf                  | 89   |
| 5380 | 14/06/04 | Piezoelectric Transformers to 100 W.pdf   | 180  |
| 5381 | 11/06/04 | Piezoelectric Transformers.pdf            | 214  |
| 5382 | 09/06/04 | POWER DENSITY IN HYBRIDS.pdf              | 439  |
| 5383 | 10/06/04 | Power Quality in AC Drives.pdf            | 429  |
| 5384 | 13/06/04 | Power quality monitoring.pdf              | 159  |
| 5385 | 13/06/04 | Power Quality Problems & Compensators.pdf | 250  |
| 5386 | 09/06/04 | Power Thermal Simulation.pdf              | 205  |
| 5387 | 14/06/04 | Power Transformer Models.pdf              | 260  |
| 5388 | 14/06/04 | Powering Solid State Lighting.pdf         | 965  |

|      |          |   |     |
|------|----------|---|-----|
| 5389 | 12/06/04 | PRiME Current Transducers.pdf               | 239 |
| 5390 | 09/06/04 | Prius Hybrid Vehicle.pdf                    | 201 |
| 5391 | 10/06/04 | PWM converters harmonics.pdf                | 167 |
| 5392 | 09/06/04 | Rapid Prototyping with PSIM.pdf             | 319 |
| 5393 | 11/06/04 | Realistic benchmarking of IGBT.pdf          | 113 |
| 5394 | 10/06/04 | Reduce Time to Market.pdf                   | 683 |
| 5395 | 14/06/04 | RELIABILITY MANAGEMENT.pdf                  | 282 |
| 5396 | 02/05/04 | Renewable Energy Systems.pdf                | 151 |
| 5397 | 14/06/04 | Repetitive short-circuits IGBT lifetime.pdf | 362 |
| 5398 | 14/06/04 | Resistance Spot Welding Machines.pdf        | 754 |
| 5399 | 14/06/04 | Sensorless Control INFORM-Capability.pdf    | 153 |
| 5400 | 14/06/04 | Sensorless Field Oriented Control.pdf       | 622 |
| 5401 | 09/06/04 | Serial-Resonant Current Control.pdf         | 181 |
| 5402 | 14/06/04 | Series Hybrid Active Power Filter.pdf       | 136 |
| 5403 | 14/06/04 | Shoot Through Analysis.pdf                  | 206 |
| 5404 | 11/06/04 | SiC Switch ZVS Resonance Converter.pdf      | 762 |
| 5405 | 02/05/04 | Simulation based Drive Optimization.pdf     | 399 |
| 5406 | 09/06/04 | Simulation in Drive Technology.pdf          | 285 |
| 5407 | 12/06/04 | Single Planar Transformer.pdf               | 126 |
| 5408 | 11/06/04 | Single Stage PFC Converter.pdf              | 302 |
| 5409 | 13/06/04 | Single Stator-Double Rotor-Machine.pdf      | 129 |
| 5410 | 14/06/04 | Single-phase Motor without a Rotor.pdf      | 544 |
| 5411 | 11/06/04 | Sizing and tuning Energy Storage.pdf        | 72  |
| 5412 | 12/06/04 | Sound source location.pdf                   | 270 |
| 5413 | 14/06/04 | Squirrel cage copper rotors.pdf             | 136 |
| 5414 | 13/06/04 | Static Var for Flicker Mitigation.pdf       | 241 |
| 5415 | 10/06/04 | Storage technologies.pdf                    | 142 |
| 5416 | 09/06/04 | Superior MOSFET Performance.pdf             | 82  |
| 5417 | 11/06/04 | Synchronous Rectification Flyback.pdf       | 244 |
| 5418 | 09/06/04 | TABLE of CONTENTS.pdf                       | 68  |
| 5419 | 14/06/04 | Temperature swings of components.pdf        | 227 |
| 5420 | 14/06/04 | The status of "lead-free".pdf               | 67  |
| 5421 | 13/06/04 | Transfer function and digital filter.pdf    | 74  |
| 5422 | 09/06/04 | Transverse Flux Machine Design.pdf          | 344 |
| 5423 | 11/06/04 | Two-Mass System Position Control.pdf        | 527 |

|      |                                       |  |     |
|------|---------------------------------------|--|-----|
| 5424 | 09/06/04                              | Two-Mass-System in F Domain.pdf                  | 162 |
| 5425 | 11/06/04                              | Ultracapacitors power and reliability.pdf        | 199 |
| 5426 | 09/06/04                              | UPS on fuel cell technology.pdf                  | 44  |
| 5427 | 10/06/04                              | Very High Power IGBT Speed Drive.pdf             | 309 |
| 5428 | 12/06/04                              | Vienna Monitoring Method.pdf                     | 193 |
| 5429 | 14/06/04                              | Wind electric system.pdf                         | 234 |
| 5430 | 14/06/04                              | Wind energy systems harmonics.pdf                | 372 |
| 5431 | 14/06/04                              | Wind Turbine Topologies.pdf                      | 346 |
| 5432 | 14/06/04                              | Wind Turbines Control Strategies.pdf             | 226 |
| 5433 | 13/06/04                              | ZVZCS DC-DC CONVERTER.pdf                        | 137 |
| 5434 | <b>Conversion d'énergie\PCIM 2005</b> |  |     |
| 5435 | 21/04/06                              | List of Authors.pdf                              | 42  |
| 5436 | 21/04/06                              | TABLE of CONTENTS.pdf                            | 64  |
| 5437 | 24/04/06                              | "More Electric" Control Surface Actuation.pdf    | 112 |
| 5438 | 23/04/06                              | 3 Phase - 2 Switch PFC Power Rectifier.pdf       | 338 |
| 5439 | 23/04/06                              | 3 Phase Discontinuous Pulse Width Modulation.pdf | 338 |
| 5440 | 23/04/06                              | 3 Phase Inverter Output Filter.pdf               | 229 |
| 5441 | 27/10/06                              | 4.5kV Press-pack IGBTs.pdf                       | 200 |
| 5442 | 26/10/06                              | 5.2 kV Extra Fast Recovery Diode.pdf             | 129 |
| 5443 | 26/10/06                              | 600V GaAs Schottky diodes for PFC.pdf            | 81  |
| 5444 | 26/10/06                              | Accelerated Convergence to Solution.pdf          | 84  |
| 5445 | 22/04/06                              | Active compensation of oscillations.pdf          | 256 |
| 5446 | 21/04/06                              | Active stall constant speed wind turbine.pdf     | 585 |
| 5447 | 26/10/06                              | Advanced ac alternator control.pdf               | 125 |
| 5448 | 22/04/06                              | Air Gap Asymmetries in Induction Machines.pdf    | 535 |
| 5449 | 22/04/06                              | Band Current Control for PWM Rectifiers .pdf     | 634 |
| 5450 | 21/04/06                              | Bordry Converters for Particle Accelerators.pdf  | 452 |
| 5451 | 26/10/06                              | Brushless DC Fan Motor Commutation.pdf           | 203 |
| 5452 | 23/04/06                              | Capacitance of 3-Phase Common-Mode Chokes.pdf    | 351 |
| 5453 | 23/04/06                              | Comparison of Date Driver Transformers.pdf       | 211 |
| 5454 | 22/04/06                              | Comparison of Pole Commutated Inverters.pdf      | 223 |
| 5455 | 23/04/06                              | Compensation of IGBT Nonlinearities.pdf          | 335 |
| 5456 | 25/04/05                              | Compensation of Permanent Magnet Generator.pdf   | 295 |
| 5457 | 23/04/06                              | Control of Permanent Magnet Sync Motor.pdf       | 422 |
| 5458 | 22/04/06                              | Converter Power Density Limits.pdf               | 449 |

|      |          |   |     |
|------|----------|---|-----|
| 5459 | 21/04/06 | Current Distribution in IGBT Modules.pdf        | 255 |
| 5460 | 26/10/06 | Current Source Inverters (CSI).pdf              | 99  |
| 5461 | 26/10/06 | Design of antiparallel Diodes in IGBT.pdf       | 125 |
| 5462 | 26/10/06 | Design Rules for Transducer Gate Drives.pdf     | 146 |
| 5463 | 22/04/06 | Discrete Trench Field Stop IGBTs.pdf            | 406 |
| 5464 | 23/04/06 | Distributed Gate ESR & Shoot Through.pdf        | 198 |
| 5465 | 22/04/06 | Doubly-fed induction generators.pdf             | 396 |
| 5466 | 26/10/06 | Drives & motion control interchangeability.pdf  | 141 |
| 5467 | 26/10/06 | Dual Feed High Power Boost Converter.pdf        | 147 |
| 5468 | 26/10/06 | Dynamic improvement in Active Power Filters.pdf | 180 |
| 5469 | 23/04/06 | Dynamical properties of SMPS.pdf                | 530 |
| 5470 | 21/04/06 | Efficiency Improvement in Fast Switching.pdf    | 426 |
| 5471 | 24/04/06 | Electrical Implementation of Fuel Cells.pdf     | 298 |
| 5472 | 22/04/06 | EMI interferences in DC-DC converters.pdf       | 109 |
| 5473 | 24/04/06 | Energy Saver Converters for Home.pdf            | 184 |
| 5474 | 24/04/06 | Energy Saving Motor Drives.pdf                  | 184 |
| 5475 | 26/10/06 | External-rotor magnet motor.pdf                 | 228 |
| 5476 | 26/10/06 | Extra Wide Voltage Range ZVZCS.pdf              | 169 |
| 5477 | 24/04/06 | Fault-tolerant PM motors.pdf                    | 342 |
| 5478 | 26/10/06 | Feedforward Control of Machine Tool.pdf         | 183 |
| 5479 | 23/04/06 | Flexible mechatronic machines.pdf               | 205 |
| 5480 | 26/10/06 | Flicker & Tap-Changed Transformer.pdf           | 223 |
| 5481 | 24/04/06 | Four-Leg Active Power Filter.pdf                | 223 |
| 5482 | 23/04/06 | Full-bridge resonant inverters.pdf              | 379 |
| 5483 | 22/04/06 | Future of Integration in Power Electronics.pdf  | 374 |
| 5484 | 26/10/06 | Gate ESR on MOSFET Switching Losses.pdf         | 224 |
| 5485 | 22/04/06 | H2 Robust Strategy Speed Control.pdf            | 446 |
| 5486 | 22/04/06 | Halfbridge Gate Driver IC for IGBT.pdf          | 361 |
| 5487 | 23/04/06 | Half-Bridge Series Resonant Inverter.pdf        | 300 |
| 5488 | 26/10/06 | HF Contactless Energy Transmission.pdf          | 193 |
| 5489 | 19/04/05 | HF Digital Dimming Compact Lamp Ballast.pdf     | 372 |
| 5490 | 24/04/06 | HF inverter-charger Controlled by DSP.pdf       | 167 |
| 5491 | 27/10/06 | HF Miniaturised Rogowski coils.pdf              | 157 |
| 5492 | 23/04/06 | HF model of a 2-wire power cable.pdf            | 343 |
| 5493 | 24/04/06 | HID Lamp Control Multi-Phase Inverter.pdf       | 260 |

|      |          |  |     |
|------|----------|--|-----|
| 5494 | 26/10/06 | High brightness LEDs driver.pdf                        | 155 |
| 5495 | 26/10/06 | HIGH CURRENT LOW VOLTAGE IGBTs.pdf                     | 108 |
| 5496 | 25/04/05 | High Power Buck-Boost DC-DC Converter.pdf              | 178 |
| 5497 | 25/04/05 | High Small Signal Bandwidth Inverter.pdf               | 160 |
| 5498 | 23/04/06 | High Temp Forward Planar Converter.pdf                 | 305 |
| 5499 | 23/04/06 | High Voltage IGBT Over-voltage Protection.pdf          | 380 |
| 5500 | 23/04/06 | High Voltage Integrated Circuit (1200V HVIC).pdf       | 342 |
| 5501 | 22/04/06 | High-Speed Fuses for IGBT.pdf                          | 307 |
| 5502 | 23/04/06 | High-Speed Permanent Magnet Motors.pdf                 | 194 |
| 5503 | 22/04/06 | IGBT under repetitive short-circuits.pdf               | 485 |
| 5504 | 26/10/06 | Interface for an Integrated Simulator.pdf              | 236 |
| 5505 | 23/04/06 | Inverter & Efficient Auxiliary Supply.pdf              | 122 |
| 5506 | 23/04/06 | Inverter Topologies with Soft-Switched Transistors.pdf | 381 |
| 5507 | 22/04/06 | IRON CORE LINEAR BRUSHLESS MOTORS.pdf                  | 149 |
| 5508 | 22/04/06 | Islanding Detection Methods Evaluation.pdf             | 168 |
| 5509 | 26/10/06 | KATIUM Power Electronic Topology .pdf                  | 218 |
| 5510 | 24/04/06 | Large Aluminum Ribbon Bonding.pdf                      | 295 |
| 5511 | 23/04/06 | Linear-Mode Ripple Suppression Stage.pdf               | 272 |
| 5512 | 26/10/06 | List of Authors.pdf                                    | 42  |
| 5513 | 26/10/06 | Lossless Snubber Flyback Converter.pdf                 | 263 |
| 5514 | 27/10/06 | Low Harmnic Three-Phase Rectifier.pdf                  | 143 |
| 5515 | 22/04/06 | Low Voltage Power MOSFETs.pdf                          | 339 |
| 5516 | 26/10/06 | Low-Loss HV-IGBTs.pdf                                  | 289 |
| 5517 | 22/04/06 | Magnetic Energy Recovery Switch.pdf                    | 450 |
| 5518 | 26/10/06 | Military Shipyard & Power Quality.pdf                  | 155 |
| 5519 | 23/04/06 | Minimum Loss Core-Less Foil Inductors .pdf             | 218 |
| 5520 | 22/04/06 | Most Powerful Battery System.pdf                       | 235 |
| 5521 | 23/04/06 | Multi chip Smart power devices.pdf                     | 328 |
| 5522 | 24/04/06 | Multiscalar model for Double Fed Machine.pdf           | 108 |
| 5523 | 26/10/06 | New IGBT module for SMT.pdf                            | 118 |
| 5524 | 27/10/06 | New MOSFET Package.pdf                                 | 180 |
| 5525 | 22/04/06 | New Power Electronic Control.pdf                       | 971 |
| 5526 | 19/04/05 | Non-linear magnetic inductance.pdf                     | 207 |
| 5527 | 24/04/06 | Optimisation of a PEM Fuel Cell System.pdf             | 266 |
| 5528 | 23/04/06 | Optimization of HF E-Cores Transformers.pdf            | 147 |

|      |          |   |     |
|------|----------|---|-----|
| 5529 | 21/04/06 | Packaging of an Integrated Module.pdf                 | 298 |
| 5530 | 25/04/05 | Paralleling of Chips Statistical Approach.pdf         | 85  |
| 5531 | 26/10/06 | Paralleling of MOSFETs and IGBTs.pdf                  | 288 |
| 5532 | 26/10/06 | Piezoelectric Transformer-Based Converter.pdf         | 152 |
| 5533 | 22/04/06 | Planar inductive components.pdf                       | 246 |
| 5534 | 26/10/06 | PLL-based grid synchronisation.pdf                    | 130 |
| 5535 | 26/10/06 | PMODE Technique & QR Converter.pdf                    | 137 |
| 5536 | 27/10/06 | Position Sensorless Drive For Permanent Magnet.pdf    | 184 |
| 5537 | 21/04/06 | Power factor of electronic ballasts.pdf               | 197 |
| 5538 | 25/04/05 | Power Losses of a Matrix Converter.pdf                | 256 |
| 5539 | 26/10/06 | Power over Ethernet (PoE) Applications.pdf            | 289 |
| 5540 | 24/04/06 | Power Protection for Critical Network.pdf             | 264 |
| 5541 | 26/10/06 | Power Quality & Nonlinear Devices.pdf                 | 181 |
| 5542 | 26/10/06 | Power Quality in LV Grid & Distributed Generation.pdf | 136 |
| 5543 | 27/10/06 | Power Switch for Light dimmers.pdf                    | 152 |
| 5544 | 21/04/06 | Power Tapped-Inductor Boost Converter.pdf             | 606 |
| 5545 | 27/10/06 | Primary Transistors in Flyback Converters.pdf         | 132 |
| 5546 | 26/10/06 | PrimePACK IGBT Module Concept.pdf                     | 171 |
| 5547 | 23/04/06 | Principles and Issues of Wind Power.pdf               | 138 |
| 5548 | 27/10/06 | Punch-Through IGBT Under High Temperature.pdf         | 118 |
| 5549 | 26/10/06 | PWM Switch concept & SPICE.pdf                        | 156 |
| 5550 | 23/04/06 | Rectangular low-frequency current.pdf                 | 320 |
| 5551 | 26/10/06 | Reducing noise & cost of brushless DC motor.pdf       | 135 |
| 5552 | 21/04/06 | Reduction of Harmonic Pollution.pdf                   | 624 |
| 5553 | 26/10/06 | Reluctance Machines in Weak Nets.pdf                  | 186 |
| 5554 | 24/04/06 | Renewable generation & grid control.pdf               | 178 |
| 5555 | 26/10/06 | Ripple Reduction for Induction Motors.pdf             | 182 |
| 5556 | 24/04/06 | Schottky diodes & buck converter.pdf                  | 154 |
| 5557 | 19/04/05 | Sensorless AC Drive Technology.pdf                    | 213 |
| 5558 | 24/04/06 | Sensorless Multiscalar Motor Control.pdf              | 230 |
| 5559 | 23/04/06 | Short-Duration Energy Storage.pdf                     | 162 |
| 5560 | 23/04/06 | Simulating Power Factor Correction.pdf                | 276 |
| 5561 | 24/04/06 | Small variable speed power plant.pdf                  | 132 |
| 5562 | 27/04/05 | Smart Power Switch with Fast PWM.pdf                  | 101 |
| 5563 | 26/10/06 | SMPS Multiple Sub-Modules EMI Filter.pdf              | 154 |

|      |                                       |   |      |
|------|---------------------------------------|---|------|
| 5564 | 23/04/06                              | Solderless Method for Power Modules.pdf           | 223  |
| 5565 | 26/10/06                              | SR Motor for a kitchen machine.pdf                | 59   |
| 5566 | 24/04/06                              | Standards Do Not Solve Power Quality Problems.pdf | 242  |
| 5567 | 26/10/06                              | Steer-by-Wire with Torque Feedback.pdf            | 211  |
| 5568 | 26/10/06                              | Step Down Auxiliary Power Supply.pdf              | 99   |
| 5569 | 27/10/06                              | Superjunction power MOSFETs.pdf                   | 52   |
| 5570 | 23/04/06                              | System Identification.pdf                         | 441  |
| 5571 | 23/04/06                              | Technology for reduced EMI disturbances.pdf       | 277  |
| 5572 | 22/04/06                              | Thermal Model Extraction.pdf                      | 571  |
| 5573 | 26/10/06                              | Thermal of IGBT Power Terminals.pdf               | 213  |
| 5574 | 26/10/06                              | Thermal Stability Of Power MOSFETs.pdf            | 68   |
| 5575 | 21/04/06                              | To Power Systems.pdf                              | 653  |
| 5576 | 26/10/06                              | Transients in doubly-fed induction machines.pdf   | 75   |
| 5577 | 22/04/06                              | TWO PHASE TRANSVERSE FLUX MOTOR.pdf               | 275  |
| 5578 | 26/10/06                              | Two-Quadrant with RNSIC Converter.pdf             | 101  |
| 5579 | 21/04/06                              | Unshielded 2-wire energy cable model.pdf          | 343  |
| 5580 | 27/10/06                              | UPS in in the Higher Power Range.pdf              | 158  |
| 5581 | 27/10/06                              | Use of Current Sensors in Motor Drives.pdf        | 101  |
| 5582 | 22/04/06                              | Voltage Source Inverter.pdf                       | 248  |
| 5583 | <b>Conversion d'énergie\PCIM 2006</b> |   |      |
| 5584 | 13/08/07                              | "One Screw Mounting" Module.pdf                   | 329  |
| 5585 | 13/08/07                              | 100kW Automotive DC-DC Converter.pdf              | 1867 |
| 5586 | 13/08/07                              | 1200V Fast Switching Power Module.pdf             | 311  |
| 5587 | 13/08/07                              | 1200V IGBT4 - High Current.pdf                    | 97   |
| 5588 | 14/08/07                              | 20kW 3-level Converter.pdf                        | 355  |
| 5589 | 13/08/07                              | 25 A, 1.2kV Clustered IGBTs.pdf                   | 199  |
| 5590 | 14/08/07                              | 3.3kV IGBT3 chip technology.pdf                   | 263  |
| 5591 | 13/08/07                              | AC Motor Insulation On-line Testing.pdf           | 367  |
| 5592 | 13/08/07                              | Active Clamp Forward Converters.pdf               | 383  |
| 5593 | 14/08/07                              | Active Inrush Current Limiter.pdf                 | 198  |
| 5594 | 13/08/07                              | Adaptive Filtering Algorithms.pdf                 | 148  |
| 5595 | 14/08/07                              | Advanced Modeling of Power MOSFETs.pdf            | 288  |
| 5596 | 14/08/07                              | Analysis of SiC-JFETs.pdf                         | 120  |
| 5597 | 14/08/07                              | Arc Striking for Inverter Based TIG.pdf           | 156  |
| 5598 | 14/08/07                              | Auxiliary Power Supplies.pdf                      | 179  |



|      |          |  |     |
|------|----------|--|-----|
| 5599 | 13/08/07 | Bi-Directional DC-DC-Converters.pdf      | 86  |
| 5600 | 14/08/07 | Calculating the junction temperature.pdf | 124 |
| 5601 | 13/08/07 | Caveats for Operating Power MOSFETs.pdf  | 132 |
| 5602 | 14/08/07 | Ceramic Substrates Technologies.pdf      | 497 |
| 5603 | 14/08/07 | Choosing the gate resistor.pdf           | 142 |
| 5604 | 14/08/07 | Claw-Poles Machines.pdf                  | 397 |
| 5605 | 14/08/07 | Combining INFORM method.pdf              | 326 |
| 5606 | 13/08/07 | Control of Front End Inverter.pdf        | 95  |
| 5607 | 14/08/07 | Control Switches for PFCs.pdf            | 200 |
| 5608 | 14/08/07 | Cooling Large IGBT Modules.pdf           | 350 |
| 5609 | 13/08/07 | Copper Cold Plate Technology.pdf         | 332 |
| 5610 | 13/08/07 | Dead Time Effects in Half Bridges.pdf    | 148 |
| 5611 | 13/08/07 | Depletion Stop Trench IGBTs.pdf          | 268 |
| 5612 | 14/08/07 | Design of PFC converters.pdf             | 183 |
| 5613 | 13/08/07 | Design Tools for Motors.pdf              | 290 |
| 5614 | 14/08/07 | Digital Ballast with PFC.pdf             | 186 |
| 5615 | 14/08/07 | Digital Control for DC-DC Converters.pdf | 120 |
| 5616 | 13/08/07 | Digital Electronics and Controls.pdf     | 242 |
| 5617 | 14/08/07 | Double Fed Induction Machine.pdf         | 220 |
| 5618 | 14/08/07 | Double-Excited Sync Generator.pdf        | 248 |
| 5619 | 14/08/07 | Doubly Fed Asynchronous Generator.pdf    | 154 |
| 5620 | 13/08/07 | Doubly-fed Induction Machines.pdf        | 379 |
| 5621 | 14/08/07 | Efficient Buck-Boost Conversions.pdf     | 253 |
| 5622 | 14/08/07 | Electrolytic Capacitors Ageing.pdf       | 307 |
| 5623 | 14/08/07 | Electromechanical Actuators Design.pdf   | 183 |
| 5624 | 14/08/07 | EMC Conform Power Device Driver.pdf      | 367 |
| 5625 | 14/08/07 | EMI Filter topologies.pdf                | 151 |
| 5626 | 14/08/07 | Emulated Current Mode Control.pdf        | 42  |
| 5627 | 13/08/07 | Energy Storage for UPS.pdf               | 65  |
| 5628 | 13/08/07 | Epoxy Moulding Structure for IGBT.pdf    | 323 |
| 5629 | 13/08/07 | European Power Electronics Research.pdf  | 219 |
| 5630 | 13/08/07 | European study of Power Quality.pdf      | 154 |
| 5631 | 14/08/07 | Europe's Challenge on HEV.pdf            | 163 |
| 5632 | 14/08/07 | Fail safe Three-Phase Gate Driver.pdf    | 131 |
| 5633 | 13/08/07 | Fast Loss Predicting.pdf                 | 272 |

|      |          |   |      |
|------|----------|---|------|
| 5634 | 14/08/07 | Fault Diagnosis in Automotive App.pdf     | 123  |
| 5635 | 14/08/07 | Ferrite Rods Antennas & EMI.pdf           | 239  |
| 5636 | 14/08/07 | First Harmonic Approximation Error.pdf    | 219  |
| 5637 | 14/08/07 | Five-Phase Permanent Magnet Motor.pdf     | 318  |
| 5638 | 14/08/07 | Flexible AC Transmission Systems.pdf      | 76   |
| 5639 | 14/08/07 | Flexible Mechanical Setup.pdf             | 320  |
| 5640 | 14/08/07 | Flyback Synchronous Rectification.pdf     | 169  |
| 5641 | 14/08/07 | Fuel Cell Power & Public Grid.pdf         | 397  |
| 5642 | 14/08/07 | Fuzzy Logic Controller.pdf                | 103  |
| 5643 | 14/08/07 | GM Hybrid Technology.pdf                  | 272  |
| 5644 | 14/08/07 | Hall Effect Current Sensing.pdf           | 139  |
| 5645 | 13/08/07 | Harmonic Load & Feeding Transformer.pdf   | 80   |
| 5646 | 14/08/07 | High Efficient Power Chokes.pdf           | 146  |
| 5647 | 14/08/07 | High Resolution Encoders.pdf              | 1013 |
| 5648 | 14/08/07 | High Voltage Power Supply.pdf             | 89   |
| 5649 | 14/08/07 | High-Current MOSFET-IGBT Driver.pdf       | 950  |
| 5650 | 14/08/07 | High-voltage Piezoelectric Drives.pdf     | 107  |
| 5651 | 13/08/07 | HiPak Modules up to 3.6kA.pdf             | 231  |
| 5652 | 14/08/07 | IC simplifies lighting ballast design.pdf | 1043 |
| 5653 | 13/08/07 | IGBT Modules Thermal Heat Sink.pdf        | 272  |
| 5654 | 14/08/07 | IGBT Overvoltage & Switching Losses.pdf   | 334  |
| 5655 | 13/08/07 | IGBTs Desaturated Switching.pdf           | 529  |
| 5656 | 13/08/07 | Induction motor processing methods.pdf    | 423  |
| 5657 | 14/08/07 | Induction Motors for Integrated Fan.pdf   | 309  |
| 5658 | 13/08/07 | Influence of the device housing.pdf       | 99   |
| 5659 | 14/08/07 | Interleaved Multi-channel DC-DC.pdf       | 234  |
| 5660 | 13/08/07 | Inverter for Automotive Motors.pdf        | 216  |
| 5661 | 13/08/07 | Inverter High Dynamic Control.pdf         | 234  |
| 5662 | 14/08/07 | Linear Motor Control Speed Estimation.pdf | 275  |
| 5663 | 14/08/07 | Loop Delay Time Compensation.pdf          | 100  |
| 5664 | 13/08/07 | Low Power Drives.pdf                      | 378  |
| 5665 | 14/08/07 | Low Voltage Trench Gate MOSFETs.pdf       | 388  |
| 5666 | 14/08/07 | Magnetic Energy Recovery Switch.pdf       | 226  |
| 5667 | 14/08/07 | Maintenance & Diagnostics For UPS.pdf     | 138  |
| 5668 | 14/08/07 | Matrix Converter.pdf                      | 232  |

|      |          |   |     |
|------|----------|---|-----|
| 5669 | 14/08/07 | Model of Induction Machine.pdf            | 172 |
| 5670 | 13/08/07 | Modelling of Supercaps Cycling.pdf        | 396 |
| 5671 | 13/08/07 | Modular IGBT Stacks.pdf                   | 262 |
| 5672 | 13/08/07 | Module for high temperature.pdf           | 161 |
| 5673 | 13/08/07 | MOSFET Turn-Off Behaviour.pdf             | 231 |
| 5674 | 14/08/07 | MOSFETs Interaction with Magnetics.pdf    | 155 |
| 5675 | 13/08/07 | MOSFETs Temperature Dependence.pdf        | 47  |
| 5676 | 14/08/07 | Multilevel Flying Capacitor.pdf           | 150 |
| 5677 | 14/08/07 | Multi-Storage Hybrid System.pdf           | 231 |
| 5678 | 13/08/07 | New Generation 3.3kV IGBT.pdf             | 125 |
| 5679 | 13/08/07 | New High Saturation Ferrite.pdf           | 78  |
| 5680 | 13/08/07 | New Shunt Active Power Filter.pdf         | 58  |
| 5681 | 14/08/07 | Non Parametric Modeling.pdf               | 216 |
| 5682 | 13/08/07 | Non Punch Through IGBT.pdf                | 115 |
| 5683 | 14/08/07 | Offshore Wind Farms.pdf                   | 215 |
| 5684 | 14/08/07 | Optimisation of a Forward Converter.pdf   | 392 |
| 5685 | 14/08/07 | Optimized Power Switch.pdf                | 107 |
| 5686 | 14/08/07 | Parasitic Effects in EMI Filters.pdf      | 208 |
| 5687 | 14/08/07 | Permanent Magnet Generator.pdf            | 123 |
| 5688 | 13/08/07 | PFC & Regenerative Feedback AC-DC.pdf     | 173 |
| 5689 | 14/08/07 | Photovoltaic Inverter Efficiency.pdf      | 82  |
| 5690 | 14/08/07 | Planar Positioning System.pdf             | 322 |
| 5691 | 13/08/07 | Plant Parameters & Genetic Algorithms.pdf | 101 |
| 5692 | 14/08/07 | PMS Motor with Hall Sensors.pdf           | 97  |
| 5693 | 14/08/07 | POL buck DC-DC converters.pdf             | 231 |
| 5694 | 14/08/07 | Power Conversion using MERS.pdf           | 203 |
| 5695 | 14/08/07 | Power Density for Core Converters.pdf     | 74  |
| 5696 | 14/08/07 | Power Line Communication.pdf              | 145 |
| 5697 | 14/08/07 | Power Management & EMI Control.pdf        | 164 |
| 5698 | 14/08/07 | Power Market Load Control.pdf             | 61  |
| 5699 | 14/08/07 | Power Supplies with Energy Dosing.pdf     | 324 |
| 5700 | 13/08/07 | Pulsed Power Transformers.pdf             | 173 |
| 5701 | 13/08/07 | PWM controller IC.pdf                     | 94  |
| 5702 | 14/08/07 | Quasi-Resonant Flyback Converter.pdf      | 125 |
| 5703 | 14/08/07 | Reduced IGBT Power Losses.pdf             | 181 |

|      |          |   |      |
|------|----------|---|------|
| 5704 | 14/08/07 | Redundant Paralleled Multiphase VRM.pdf | 159  |
| 5705 | 13/08/07 | Reliability of Supercaps.pdf            | 136  |
| 5706 | 14/08/07 | Resolver to Digital Converter.pdf       | 292  |
| 5707 | 13/08/07 | Resonant Half-Bridge Topology.pdf       | 215  |
| 5708 | 14/08/07 | Resonant Synchronous Rectification.pdf  | 244  |
| 5709 | 13/08/07 | Reverse Conducting IGBT.pdf             | 221  |
| 5710 | 14/08/07 | Salient Pole Synchronous Drive.pdf      | 259  |
| 5711 | 14/08/07 | Schottky Diodes Crystal Diamond.pdf     | 111  |
| 5712 | 14/08/07 | Sensorless Control of IPMSM.pdf         | 328  |
| 5713 | 14/08/07 | Sensorless Drive Speed Control.pdf      | 194  |
| 5714 | 13/08/07 | Serial parallel resonant converter.pdf  | 262  |
| 5715 | 14/08/07 | Shielded Fluxgate.pdf                   | 401  |
| 5716 | 14/08/07 | Short Time Modulation Technique.pdf     | 84   |
| 5717 | 14/08/07 | Shunt Active Power Filter DSP.pdf       | 108  |
| 5718 | 14/08/07 | Single-switch Chopper.pdf               | 143  |
| 5719 | 14/08/07 | Sinusoidal and Trapezoidal PMSM.pdf     | 253  |
| 5720 | 14/08/07 | Sinusoidal Sensorless Controller IC.pdf | 373  |
| 5721 | 13/08/07 | Small Size LCD Backlighting.pdf         | 131  |
| 5722 | 14/08/07 | Soft Switching for IGBT Switch.pdf      | 229  |
| 5723 | 13/08/07 | Solenoid Actuator.pdf                   | 168  |
| 5724 | 14/08/07 | Space Phasor Multicell-Inverters.pdf    | 122  |
| 5725 | 14/08/07 | Space Vector Pulse Width Modulation.pdf | 371  |
| 5726 | 13/08/07 | Supercaps as Energy Buffer.pdf          | 241  |
| 5727 | 14/08/07 | Switching of Parallel IGBTs.pdf         | 265  |
| 5728 | 14/08/07 | Sync Machine Frequency Response.pdf     | 161  |
| 5729 | 13/08/07 | Synchronous Buck Regulators.pdf         | 225  |
| 5730 | 14/08/07 | Thermal Cross Coupling.pdf              | 214  |
| 5731 | 13/08/07 | Thermo-Mechanic FEM-Simulator.pdf       | 4375 |
| 5732 | 14/08/07 | Three Phase Multilevel Converter.pdf    | 373  |
| 5733 | 14/08/07 | Three-Level Inverter Topology.pdf       | 442  |
| 5734 | 14/08/07 | Three-Phase Unsymmetrical Load.pdf      | 351  |
| 5735 | 14/08/07 | Transverse Flux Machines.pdf            | 706  |
| 5736 | 13/08/07 | TVTC of power MOSFETs.pdf               | 345  |
| 5737 | 14/08/07 | Two-mass System Cascade Control.pdf     | 241  |
| 5738 | 14/08/07 | Two-Quadrant Converters.pdf             | 205  |

|      |                                       |  |     |
|------|---------------------------------------|--|-----|
| 5739 | 14/08/07                              | Unbalanced Voltage Control.pdf           | 393 |
| 5740 | 14/08/07                              | variable speed permanent magnet.pdf      | 101 |
| 5741 | 14/08/07                              | Variable Structure Controllers.pdf       | 140 |
| 5742 | 14/08/07                              | Wind Park Installations.pdf              | 286 |
| 5743 | 14/08/07                              | Wind Power Systems Control.pdf           | 206 |
| 5744 | 14/08/07                              | Zigbee for industrial control.pdf        | 125 |
| 5745 | <b>Conversion d'énergie\PCIM 2007</b> |  |     |
| 5746 | 15/08/07                              | 1200V advanced Trench FS-IGBT.pdf        | 553 |
| 5747 | 14/08/07                              | 1200V IGBT4 Low-Medium Power.pdf         | 210 |
| 5748 | 15/08/07                              | 1-Stage Soft Switching PWM Inverter.pdf  | 214 |
| 5749 | 16/08/07                              | 3 Phase Space vector modulation.pdf      | 144 |
| 5750 | 15/08/07                              | 400V AC-line IGBTs Optimisation.pdf      | 157 |
| 5751 | 16/08/07                              | 690V Active Power Filter.pdf             | 175 |
| 5752 | 15/08/07                              | AC Motor Without a Rotor.pdf             | 496 |
| 5753 | 15/08/07                              | Active Edge Resonant Snubbers.pdf        | 449 |
| 5754 | 15/08/07                              | AFP for Ultra-low DC-bus Voltage.pdf     | 137 |
| 5755 | 15/08/07                              | Aluminum Electrolytic Cap Parasitics.pdf | 155 |
| 5756 | 15/08/07                              | Automotive DC-DC regulators.pdf          | 64  |
| 5757 | 15/08/07                              | Automotive Power Module.pdf              | 137 |
| 5758 | 15/08/07                              | Cascaded Boost-Buck DC-DC.pdf            | 348 |
| 5759 | 14/08/07                              | Catenary Voltage Booster.pdf             | 183 |
| 5760 | 14/08/07                              | Chipset for IGBT and Power-MOSFET.pdf    | 319 |
| 5761 | 16/08/07                              | CM Influence on Current Measurement.pdf  | 254 |
| 5762 | 15/08/07                              | Combined Motor and Resolver.pdf          | 129 |
| 5763 | 15/08/07                              | Concentrated Windings & Cooling.pdf      | 210 |
| 5764 | 15/08/07                              | Contactless Inductive Transmission.pdf   | 296 |
| 5765 | 16/08/07                              | Control Design for Electric Drive.pdf    | 109 |
| 5766 | 16/08/07                              | Control Scheme for Induction Motor.pdf   | 149 |
| 5767 | 16/08/07                              | Converters for Synchrotron Magnets.pdf   | 84  |
| 5768 | 15/08/07                              | Cycling Lifetime of Supercaps.pdf        | 163 |
| 5769 | 14/08/07                              | Dead-Time effects in Half-Bridges.pdf    | 206 |
| 5770 | 15/08/07                              | Design of Fuel Cell-Battery.pdf          | 180 |
| 5771 | 15/08/07                              | Design of IPM-PMASR motors.pdf           | 199 |
| 5772 | 15/08/07                              | Detection of Rolling Bearing Faults.pdf  | 147 |
| 5773 | 15/08/07                              | Digital Control of Power Converters.pdf  | 252 |

|      |          |  |      |
|------|----------|--|------|
| 5774 | 16/08/07 | Digital Harmonics Extraction.pdf         | 118  |
| 5775 | 14/08/07 | Digital Poly-Phase-PWM.pdf               | 306  |
| 5776 | 16/08/07 | Distorsion of Controlled Rectifiers.pdf  | 88   |
| 5777 | 15/08/07 | Driving a 3.3 kV IGBT Chopper.pdf        | 177  |
| 5778 | 14/08/07 | DSP-system to control a SMPS.pdf         | 257  |
| 5779 | 16/08/07 | Electrical and Thermal Simulation.pdf    | 106  |
| 5780 | 16/08/07 | Energy Efficiency in Lighting.pdf        | 141  |
| 5781 | 14/08/07 | Energy Efficiency.pdf                    | 181  |
| 5782 | 14/08/07 | Energy Meter Power Supply.pdf            | 151  |
| 5783 | 16/08/07 | Fast Low Noise Current Sensing.pdf       | 227  |
| 5784 | 16/08/07 | FPGA Sine-Cosine Encoder Feedback.pdf    | 1319 |
| 5785 | 16/08/07 | Furnace & Transformer Inrush Current.pdf | 85   |
| 5786 | 16/08/07 | Grid Disturbance Loads.pdf               | 189  |
| 5787 | 16/08/07 | Harmonic Currents of Softstarters.pdf    | 225  |
| 5788 | 15/08/07 | HB-LLC resonant adapter with PFC.pdf     | 203  |
| 5789 | 15/08/07 | H-Bridge Multilevel DC-DC Converters.pdf | 88   |
| 5790 | 16/08/07 | Helicopter Isolated Grid.pdf             | 125  |
| 5791 | 15/08/07 | HF Soft-Switching Inverter.pdf           | 264  |
| 5792 | 15/08/07 | High Current Low Voltage Solution.pdf    | 104  |
| 5793 | 15/08/07 | High Current Step-Down Regulator.pdf     | 200  |
| 5794 | 15/08/07 | High Temperature IGBT Module.pdf         | 262  |
| 5795 | 15/08/07 | High Voltage Converter Circuits.pdf      | 82   |
| 5796 | 15/08/07 | High Voltage Diode Technology.pdf        | 112  |
| 5797 | 14/08/07 | High voltage power supply generator.pdf  | 104  |
| 5798 | 16/08/07 | High voltage pulse generator.pdf         | 353  |
| 5799 | 15/08/07 | HiPak Modules Rated at 4500V.pdf         | 281  |
| 5800 | 15/08/07 | IC for Isolated Current Measurements.pdf | 201  |
| 5801 | 15/08/07 | Inductance of Coils with Rod Cores.pdf   | 108  |
| 5802 | 16/08/07 | Induction Motor Multiscalar Control.pdf  | 244  |
| 5803 | 16/08/07 | Industrial Steel Plant Harmonics.pdf     | 158  |
| 5804 | 16/08/07 | Integrated 35 kW Active Rectifier.pdf    | 317  |
| 5805 | 15/08/07 | Interleaved ZCS Boost DC-DC.pdf          | 216  |
| 5806 | 15/08/07 | Intermediate Bus Architecture.pdf        | 201  |
| 5807 | 15/08/07 | Interpolation by Neural Networks.pdf     | 142  |
| 5808 | 15/08/07 | Isolated DC-DC Converter Efficiency.pdf  | 252  |

|      |          |  |     |
|------|----------|--|-----|
| 5809 | 16/08/07 | Iso-Parallel UPS Systems.pdf             | 112 |
| 5810 | 14/08/07 | Laminated Busbars.pdf                    | 48  |
| 5811 | 16/08/07 | LEM Transducer & limits of accuracy.pdf  | 160 |
| 5812 | 16/08/07 | List of Authors.pdf                      | 15  |
| 5813 | 15/08/07 | Load Transient Boost technology.pdf      | 225 |
| 5814 | 16/08/07 | Long Stator Linear Machine Control.pdf   | 417 |
| 5815 | 15/08/07 | Lossless Switched Snubber Cap.pdf        | 270 |
| 5816 | 15/08/07 | Low QGD & Ron Power MOSFET.pdf           | 118 |
| 5817 | 15/08/07 | LV Optimised Induction Motor Drive.pdf   | 672 |
| 5818 | 16/08/07 | Magnetic Field Probe IC.pdf              | 213 |
| 5819 | 14/08/07 | Making Power Supplies Easier.pdf         | 126 |
| 5820 | 15/08/07 | Modern Low-Voltage MOSFETs.pdf           | 245 |
| 5821 | 15/08/07 | Monitoring of Standby Batteries.pdf      | 236 |
| 5822 | 16/08/07 | Monte-Carlo simul of paralleled IGBT.pdf | 238 |
| 5823 | 14/08/07 | MOSFET switches & SiC diodes.pdf         | 316 |
| 5824 | 16/08/07 | Motor Drives & Energy Efficiency.pdf     | 252 |
| 5825 | 16/08/07 | Motor with a Common Inverter Leg.pdf     | 259 |
| 5826 | 15/08/07 | Multi-Rail - Multi-Output DC-DC.pdf      | 176 |
| 5827 | 14/08/07 | New Devices for PFC.pdf                  | 402 |
| 5828 | 15/08/07 | Non-Isolated Power Module.pdf            | 319 |
| 5829 | 15/08/07 | Nonlinear Induction Motor Control.pdf    | 117 |
| 5830 | 15/08/07 | Nonlinear Inductors Current Control.pdf  | 189 |
| 5831 | 14/08/07 | Off-line SMPS Power IC Converter.pdf     | 197 |
| 5832 | 15/08/07 | Offline Stator Inductance Detection.pdf  | 75  |
| 5833 | 15/08/07 | Open-loop OP-AMP Dynamic.pdf             | 349 |
| 5834 | 16/08/07 | Optimisation of Servo Control.pdf        | 210 |
| 5835 | 15/08/07 | Outstanding Insulation IGBT Driver.pdf   | 407 |
| 5836 | 15/08/07 | Peak-current Mode Controlled Buck.pdf    | 206 |
| 5837 | 15/08/07 | Permanent magnet claw-pole sync.pdf      | 341 |
| 5838 | 15/08/07 | PFC stage for HV input lighting.pdf      | 116 |
| 5839 | 16/08/07 | Piezoelectric Actuator Drive.pdf         | 635 |
| 5840 | 15/08/07 | Power Cycling of IGBT-Modules.pdf        | 228 |
| 5841 | 16/08/07 | Power Field Survey on User Needs.pdf     | 299 |
| 5842 | 16/08/07 | Power Integration Module for PC.pdf      | 65  |
| 5843 | 15/08/07 | Power LEDs and their Efficiency.pdf      | 149 |

|      |          |  |     |
|------|----------|--|-----|
| 5844 | 14/08/07 | Power Modules Cycling Lifetime.pdf       | 84  |
| 5845 | 15/08/07 | Power MOSFET thermal coefficient.pdf     | 118 |
| 5846 | 14/08/07 | Press-Fit for solderless assembly.pdf    | 408 |
| 5847 | 15/08/07 | PV Inverter Communication Concepts.pdf   | 148 |
| 5848 | 16/08/07 | Railway Reactive Power Compensation.pdf  | 173 |
| 5849 | 14/08/07 | Reduction of PWM Currents.pdf            | 257 |
| 5850 | 16/08/07 | Reliable Power Quality measurements.pdf  | 287 |
| 5851 | 14/08/07 | Research & Education in China.pdf        | 357 |
| 5852 | 14/08/07 | Resonant Converter Capacitive Filter.pdf | 177 |
| 5853 | 14/08/07 | Resonant LCD TV Power Supply.pdf         | 251 |
| 5854 | 16/08/07 | Rogowski Transducers Calibration.pdf     | 301 |
| 5855 | 15/08/07 | Secondary Side Post Regulation.pdf       | 213 |
| 5856 | 14/08/07 | Self-oscillating Control System.pdf      | 139 |
| 5857 | 16/08/07 | Sensorless External Rotor PMSM.pdf       | 315 |
| 5858 | 16/08/07 | Server 3-stage DC-DC-converters.pdf      | 211 |
| 5859 | 15/08/07 | Short-Time Energy Storage.pdf            | 256 |
| 5860 | 15/08/07 | Simple 12-Pulse 3-Phase-Bridge.pdf       | 301 |
| 5861 | 16/08/07 | Simul of Permanent Magnet Drives.pdf     | 228 |
| 5862 | 16/08/07 | Sine Wave Drive Technology.pdf           | 128 |
| 5863 | 14/08/07 | Single-Inline High Power Modules.pdf     | 190 |
| 5864 | 16/08/07 | SOI Single Chip Inverter IC.pdf          | 249 |
| 5865 | 15/08/07 | Solar Low Voltage DC-DC Converter.pdf    | 154 |
| 5866 | 16/08/07 | Solid State ?Intelligent AC Switch.pdf   | 255 |
| 5867 | 16/08/07 | Space Vector Modulation.pdf              | 234 |
| 5868 | 15/08/07 | Specific IGBT Module Design.pdf          | 272 |
| 5869 | 15/08/07 | Sprayed Stress Reducing Interlayers.pdf  | 310 |
| 5870 | 15/08/07 | Static Sync Series Compensation.pdf      | 146 |
| 5871 | 16/08/07 | Stator Impedance at Low Speed.pdf        | 179 |
| 5872 | 16/08/07 | Steady State Temperature Prediction.pdf  | 155 |
| 5873 | 15/08/07 | Submersible Electric Motors.pdf          | 137 |
| 5874 | 15/08/07 | Supercapacitor Interface.pdf             | 260 |
| 5875 | 15/08/07 | Super-Efficient Electric Motors.pdf      | 357 |
| 5876 | 15/08/07 | Switched Reluctance Motor.pdf            | 150 |
| 5877 | 14/08/07 | Switching times of stressed MOSFETs.pdf  | 181 |
| 5878 | 16/08/07 | Technology of Distance Measurement.pdf   | 181 |



|      |                                       |   |     |
|------|---------------------------------------|---|-----|
| 5879 | 16/08/07                              | Theory in Active Power Filters.pdf            | 253 |
| 5880 | 16/08/07                              | Thermal Characterization of Modules.pdf       | 263 |
| 5881 | 15/08/07                              | Thermal Stack Assembly.pdf                    | 270 |
| 5882 | 15/08/07                              | Thermomechanical Failure Risks.pdf            | 467 |
| 5883 | 16/08/07                              | Thyristor Switched Reactor.pdf                | 270 |
| 5884 | 16/08/07                              | Torque of Synchronous Motors.pdf              | 175 |
| 5885 | 15/08/07                              | Transformer Failure Factors.pdf               | 145 |
| 5886 | 14/08/07                              | Trends of Power Technology.pdf                | 301 |
| 5887 | 15/08/07                              | Turn-off Oscillation Avoidance.pdf            | 228 |
| 5888 | 15/08/07                              | Vanadium Redox Flow Battery.pdf               | 127 |
| 5889 | 15/08/07                              | V-IGBT chip technology.pdf                    | 376 |
| 5890 | 15/08/07                              | Voltage Harmonics & EMI Reduction.pdf         | 467 |
| 5891 | 16/08/07                              | Voltage Loop in Boost PFCs.pdf                | 110 |
| 5892 | 16/08/07                              | Water-Cooled 3300V-1200A IGBT.pdf             | 380 |
| 5893 | 16/08/07                              | Wire-bonded Power Diodes.pdf                  | 259 |
| 5894 | <b>Conversion d'énergie\PCIM 2008</b> |   |     |
| 5895 | 15/10/09                              | 1200V SiC SBD chip evaluation.pdf             | 185 |
| 5896 | 15/10/09                              | 2nd Generation FL-Ballast Controller.pdf      | 695 |
| 5897 | 15/10/09                              | 3 kW three-stage DC-DC converter.pdf          | 285 |
| 5898 | 13/10/09                              | 3 MVAR 1 Phase AC Chopper Topology.pdf        | 338 |
| 5899 | 15/10/09                              | 3-Phase PWM for Automotive Applications.pdf   | 284 |
| 5900 | 15/10/09                              | 4.5kV very high current Press-Pack IGBTs.pdf  | 465 |
| 5901 | 13/10/09                              | 5-35A - 1200V Transfer Mold IPM.pdf           | 164 |
| 5902 | 15/10/09                              | 6.5kV IGBT with Trench and VLD Technology.pdf | 220 |
| 5903 | 09/04/08                              | 600V Reverse Conducting Trench.pdf            | 243 |
| 5904 | 15/10/09                              | 6500V SPT+ HiPak Modules Rated at 750A.pdf    | 251 |
| 5905 | 15/10/09                              | 900 V Super Junction Devices.pdf              | 87  |
| 5906 | 14/10/09                              | Actively Clamped Forward Converter.pdf        | 136 |
| 5907 | 15/10/09                              | Ageing of IGBT transistors.pdf                | 870 |
| 5908 | 15/10/09                              | Automatic Code Generation.pdf                 | 296 |
| 5909 | 14/10/09                              | Battery powered air conditioning system.pdf   | 223 |
| 5910 | 14/10/09                              | Bidirectional DC-DC Converters.pdf            | 500 |
| 5911 | 14/10/09                              | Boundary Conduction Mode PFC.pdf              | 129 |
| 5912 | 15/10/09                              | CIBH Diode with Superior Soft Switching.pdf   | 378 |
| 5913 | 13/10/09                              | Combining MOSFETs and IGBTs.pdf               | 214 |

|      |          |   |     |
|------|----------|---|-----|
| 5914 | 15/10/09 | Computed Torque Control.pdf                                 | 252 |
| 5915 | 09/04/08 | Contactless power transmission.pdf                          | 428 |
| 5916 | 14/10/09 | Control Method for PFC.pdf                                  | 174 |
| 5917 | 15/10/09 | Control of a multi-mass system.pdf                          | 185 |
| 5918 | 14/10/09 | Conventional and Sparse Matrix Converters.pdf               | 167 |
| 5919 | 15/10/09 | Converter for Hybrid-Drive Systems.pdf                      | 357 |
| 5920 | 14/10/09 | Converters in Cars with Fuel-Cell.pdf                       | 404 |
| 5921 | 14/10/09 | Crack-Repair by Piezoelectric Actuators.pdf                 | 316 |
| 5922 | 15/10/09 | Design of an Electromagnetic Gripper.pdf                    | 125 |
| 5923 | 15/10/09 | Dual Switch PFC-Flyback Single Stage.pdf                    | 208 |
| 5924 | 13/10/09 | Dual-Stage Feedback Technique.pdf                           | 189 |
| 5925 | 15/10/09 | Dual-Voltage Automotive Power-Nets.pdf                      | 132 |
| 5926 | 15/10/09 | Dynamic Modulation for Multi-Cell Converters.pdf            | 213 |
| 5927 | 14/10/09 | Efficiency Measurements of SMPS.pdf                         | 396 |
| 5928 | 15/10/09 | Efficient approach to input bridges.pdf                     | 811 |
| 5929 | 15/10/09 | Electromechanical actuators in automobiles.pdf              | 155 |
| 5930 | 15/10/09 | Electra Booster Pre-Injection Correctors.pdf                | 191 |
| 5931 | 14/10/09 | EMI Source Modelling in Power Converters.pdf                | 139 |
| 5932 | 15/10/09 | Energy Harvesting for Microcontrollers.pdf                  | 123 |
| 5933 | 14/10/09 | Energy-storage in gapped ferrite core.pdf                   | 102 |
| 5934 | 15/10/09 | Enhanced Ripple Regulators.pdf                              | 389 |
| 5935 | 15/10/09 | ESBT Technology in Industrial Converters.pdf                | 243 |
| 5936 | 15/10/09 | Extending the power of IGBT.pdf                             | 538 |
| 5937 | 09/04/08 | Failure Risks of Power Electronics.pdf                      | 36  |
| 5938 | 09/04/08 | Fault Tolerant Electrical Steering.pdf                      | 237 |
| 5939 | 09/04/08 | Fault tolerant Multilevel Converters.pdf                    | 77  |
| 5940 | 15/10/09 | Fault Tolerant Multilevel Inductorless Dc-Dc Converters.pdf | 330 |
| 5941 | 15/10/09 | Fault Tolerant Switched Reluctance Machine.pdf              | 248 |
| 5942 | 15/10/09 | Five-Leg Voltage Source Inverters.pdf                       | 219 |
| 5943 | 15/10/09 | Five-phase Coupled Buck Converter.pdf                       | 176 |
| 5944 | 15/10/09 | FPGA Current Controller for Servo Drives.pdf                | 581 |
| 5945 | 09/04/08 | Fuel cell and battery hybridization.pdf                     | 300 |
| 5946 | 15/10/09 | Fuel Cell Decentralized Generators.pdf                      | 382 |
| 5947 | 15/10/09 | Generalized Predictive Control.pdf                          | 151 |
| 5948 | 09/04/08 | Generation of arbitrary impedances.pdf                      | 130 |

|      |          |   |     |
|------|----------|---|-----|
| 5949 | 09/04/08 | Generator-Set with Energy Storage.pdf                     | 145 |
| 5950 | 15/10/09 | Grid connected conversion for PV.pdf                      | 188 |
| 5951 | 09/04/08 | HF Measurement of Voltages.pdf                            | 217 |
| 5952 | 15/10/09 | High Efficient PFC- Stage without input Rectification.pdf | 247 |
| 5953 | 13/10/09 | Higher Frequencies Power Transformers Designs.pdf         | 218 |
| 5954 | 13/10/09 | Higher Junction Temperature in Power Modules.pdf          | 410 |
| 5955 | 14/10/09 | High-speed production testing.pdf                         | 279 |
| 5956 | 15/10/09 | High-Temperature Applications.pdf                         | 305 |
| 5957 | 15/10/09 | Hybrid Active Power Filter.pdf                            | 781 |
| 5958 | 15/10/09 | IGBT Driver Circuit in Inductive Adder.pdf                | 280 |
| 5959 | 15/10/09 | IGBT Module Packaging.pdf                                 | 232 |
| 5960 | 14/10/09 | Induction Heating Installation.pdf                        | 108 |
| 5961 | 15/10/09 | Low power wave energy converters.pdf                      | 303 |
| 5962 | 09/04/08 | Low-cost Power Quality Measurement.pdf                    | 108 |
| 5963 | 13/10/09 | Mega-Speed Drive Systems.pdf                              | 698 |
| 5964 | 15/10/09 | Modular Tubular Switched Reluctance Motor.pdf             | 223 |
| 5965 | 15/10/09 | Modular Voltage Inverter For Induction Heating.pdf        | 556 |
| 5966 | 15/10/09 | Modulation algorithm for dual cascaded inverters.pdf      | 371 |
| 5967 | 15/10/09 | Module packaging without bond wires.pdf                   | 434 |
| 5968 | 14/10/09 | MOSFETs Thyristors and diodes matrixes.pdf                | 136 |
| 5969 | 13/10/09 | Motor Drive System with Matrix Converter.pdf              | 172 |
| 5970 | 15/10/09 | Neural Overloading in Office Buildings.pdf                | 114 |
| 5971 | 15/10/09 | New chip design technology.pdf                            | 150 |
| 5972 | 14/10/09 | New High Temperature TRIACs.pdf                           | 205 |
| 5973 | 09/04/08 | Path Decomposition of Redundant CNC-Axes.pdf              | 96  |
| 5974 | 15/10/09 | PEM-fuel cell Energy Management.pdf                       | 323 |
| 5975 | 09/04/08 | PFC current rebuilding technique.pdf                      | 121 |
| 5976 | 14/10/09 | PFC for Variable Frequency Networks.pdf                   | 295 |
| 5977 | 15/10/09 | Power Cycling of IGBT.pdf                                 | 291 |
| 5978 | 09/04/08 | Power modules for solar inverters.pdf                     | 168 |
| 5979 | 14/10/09 | Power MOSFET in Linear Zone as amplifier.pdf              | 900 |
| 5980 | 15/10/09 | Power supplies with energy dosing.pdf                     | 372 |
| 5981 | 15/10/09 | Primary-Side Sensing in Flyback Supplies.pdf              | 137 |
| 5982 | 14/10/09 | PWM Converter Small-Signal Models.pdf                     | 328 |
| 5983 | 13/10/09 | Reduction in heat sink weight.pdf                         | 672 |

|      |                                       |  |      |
|------|---------------------------------------|--|------|
| 5984 | 15/10/09                              | reliability of a Smart Power IC.pdf                      | 156  |
| 5985 | 15/10/09                              | Reliability of PressFIT connections.pdf                  | 392  |
| 5986 | 15/10/09                              | Reliability testing of Power Modules.pdf                 | 222  |
| 5987 | 15/10/09                              | Resonant Motor Drive Topology.pdf                        | 248  |
| 5988 | 15/10/09                              | Robustness improvement of high-voltage IGBT.pdf          | 674  |
| 5989 | 15/10/09                              | Self-Driven Synchronous Rectifier.pdf                    | 282  |
| 5990 | 15/10/09                              | Semiconductors in Hybrid Drives Applications.pdf         | 1086 |
| 5991 | 09/04/08                              | Sensorless PMSM.pdf                                      | 67   |
| 5992 | 14/10/09                              | Sensorless Wind Turbine Drive.pdf                        | 259  |
| 5993 | 15/10/09                              | Series IGBT Connection and Gate Control.pdf              | 387  |
| 5994 | 14/10/09                              | Series Resonant Converter.pdf                            | 189  |
| 5995 | 14/10/09                              | Series Resonant Induction Heating.pdf                    | 148  |
| 5996 | 15/10/09                              | Short circuit design of Trench FS-IGBTs.pdf              | 458  |
| 5997 | 15/10/09                              | SiC Power Devices Market.pdf                             | 36   |
| 5998 | 15/10/09                              | Silicon resistor operation.pdf                           | 73   |
| 5999 | 14/10/09                              | Simulations of Cracked Piezoelectric Plate.pdf           | 256  |
| 6000 | 14/10/09                              | Single-Chip Quad High-Side Switch.pdf                    | 196  |
| 6001 | 15/10/09                              | Small Permanent Magnet Motor.pdf                         | 318  |
| 6002 | 14/10/09                              | SMPS transformers for hybrid vehicles.pdf                | 553  |
| 6003 | 15/10/09                              | SOI driver into an IGBT module.pdf                       | 460  |
| 6004 | 14/10/09                              | Space-Vector PWM Technique.pdf                           | 381  |
| 6005 | 09/04/08                              | SPICE Magnetic modeling of current transducers.pdf       | 287  |
| 6006 | 15/10/09                              | Supercapacitors for a UPS application.pdf                | 325  |
| 6007 | 15/10/09                              | Surge Current Capability of SiC MPS Diodes.pdf           | 393  |
| 6008 | 15/10/09                              | Synchronous Generator for Wind Systems.pdf               | 157  |
| 6009 | 13/10/09                              | The First Commercial 200-V TMBS.pdf                      | 160  |
| 6010 | 14/10/09                              | Thermal crosstalk of silicon dies in HV IGBT modules.pdf | 202  |
| 6011 | 13/10/09                              | Thermal modelling of power electronic.pdf                | 511  |
| 6012 | 15/10/09                              | Two-phase boost converter for 14V-42V.pdf                | 223  |
| 6013 | 15/10/09                              | Ultrasonic metal welding.pdf                             | 1730 |
| 6014 | 15/10/09                              | Ultra-Wide HF Dimming Range.pdf                          | 129  |
| 6015 | 15/10/09                              | Velocity Loop of Servo Drives.pdf                        | 89   |
| 6016 | 15/10/09                              | Way to Integrate Current Measurement.pdf                 | 185  |
| 6017 | <b>Conversion d'énergie\PCIM 2009</b> |  |      |
| 6018 | 27/10/09                              | 1200V SPT+ IGBT & Diode chip-set.pdf                     | 261  |

|      |          |  |      |
|------|----------|--|------|
| 6019 | 26/10/09 | 12-Pulse Rectifier Modified Topology.pdf             | 140  |
| 6020 | 07/03/11 | 1700V Planar Transformers por Power Drives.pdf       | 259  |
| 6021 | 26/10/09 | 1kVA Reactive Power.pdf                              | 504  |
| 6022 | 27/10/09 | 2500A-1200V Dual IGBT Module.pdf                     | 351  |
| 6023 | 28/10/09 | 2-Phase Interleaved Series Resonant Converters.pdf   | 191  |
| 6024 | 27/10/09 | 4500 V IGBT HiPak Module rated at 1200 A.pdf         | 146  |
| 6025 | 07/03/11 | 6-phases 100kW interleaved buck-boost converter.pdf  | 184  |
| 6026 | 26/10/09 | 6th Generation IGBT.pdf                              | 411  |
| 6027 | 07/03/11 | AC Electric Transmissions.pdf                        | 218  |
| 6028 | 28/10/09 | Altitude Performance of Heat sink.pdf                | 125  |
| 6029 | 28/10/09 | Analysis of Multi-Node Power Supplies.pdf            | 209  |
| 6030 | 27/10/09 | Asynchronous Thyristor By-Pass.pdf                   | 226  |
| 6031 | 07/03/11 | Blocked Phase Current Patching 3-phase Rectifier.pdf | 119  |
| 6032 | 28/10/09 | Boost Three State Switching Cell.pdf                 | 494  |
| 6033 | 07/03/11 | Brushless Motor Cogging Torque Correction.pdf        | 309  |
| 6034 | 27/10/09 | Clamp Circuit for Matrix Converter.pdf               | 185  |
| 6035 | 07/03/11 | Claw-Pole Generators in Small Wind Power.pdf         | 264  |
| 6036 | 26/10/09 | CM Filtering for PWM Inverters.pdf                   | 238  |
| 6037 | 28/10/09 | Combined MOSFET - IGBT power leg.pdf                 | 229  |
| 6038 | 28/10/09 | Control Strategy for a 3 Phase Inverter.pdf          | 556  |
| 6039 | 28/10/09 | Control structure for Multilevel Converters.pdf      | 801  |
| 6040 | 07/03/11 | Cost-Effectiveness of High Efficiency Motors.pdf     | 219  |
| 6041 | 07/03/11 | Current Sharing and Phase Alignment.pdf              | 138  |
| 6042 | 07/03/11 | Current-controlled Sensorless BLDC Motor.pdf         | 159  |
| 6043 | 28/10/09 | Current-Sensing Power MOSFETs.pdf                    | 280  |
| 6044 | 28/10/09 | DC Link Current in Pulsed H-Bridge.pdf               | 530  |
| 6045 | 27/10/09 | Design of SEPIC with Coupled Inductors.pdf           | 385  |
| 6046 | 07/03/11 | Diamond based composites for cooling.pdf             | 265  |
| 6047 | 07/03/11 | Digital Signal Processing with SPICE.pdf             | 86   |
| 6048 | 28/10/09 | Digitally Controlled AC-DC SMPS.pdf                  | 174  |
| 6049 | 07/03/11 | Diode in Light Load of Buck Converter.pdf            | 118  |
| 6050 | 26/10/09 | Direct Current Commutation Method.pdf                | 235  |
| 6051 | 07/03/11 | Dual Boost Converter for Stop&Start Systems.pdf      | 323  |
| 6052 | 27/10/09 | Efficiency of a Matrix-Converter.pdf                 | 2746 |
| 6053 | 26/10/09 | Efficient Current Source Inverter.pdf                | 410  |

|      |          |  |      |
|------|----------|--|------|
| 6054 | 27/10/09 | Electrolytic Capacitor Monitoring Unit.pdf                     | 159  |
| 6055 | 26/10/09 | Energy efficiency in data centers.pdf                          | 472  |
| 6056 | 27/10/09 | Evolved life of IGBT module.pdf                                | 217  |
| 6057 | 27/10/09 | Explosion proof housings for IGBT.pdf                          | 666  |
| 6058 | 07/03/11 | Extraction of data curves for magnetic materials.pdf           | 619  |
| 6059 | 07/03/11 | Fault Tolerant Modular Linear Motors.pdf                       | 318  |
| 6060 | 28/10/09 | Flexible Control System.pdf                                    | 723  |
| 6061 | 28/10/09 | Fluorescent Dimming Control Method.pdf                         | 291  |
| 6062 | 26/10/09 | Flyback for Spring-Damper System.pdf                           | 359  |
| 6063 | 07/03/11 | FPGA Based Sine-Cosine Encoder.pdf                             | 223  |
| 6064 | 27/10/09 | French car fleet - Battery impact.pdf                          | 139  |
| 6065 | 26/10/09 | Fuel-Cell Energy Management.pdf                                | 305  |
| 6066 | 27/10/09 | GaN Based Power Conversion.pdf                                 | 581  |
| 6067 | 27/10/09 | GCT turn-off to $T_j = -20^{\circ}\text{C}$ .pdf               | 1390 |
| 6068 | 07/03/11 | Globular Magnetic Actuator inside Complex Pipe.pdf             | 83   |
| 6069 | 26/10/09 | High Efficiency Isolated DC-DC Converter.pdf                   | 220  |
| 6070 | 27/10/09 | High Performance Current Transducer.pdf                        | 445  |
| 6071 | 26/10/09 | High Power Permanent Magnet Machines.pdf                       | 264  |
| 6072 | 27/10/09 | High-Power IGBT modules.pdf                                    | 608  |
| 6073 | 27/10/09 | Home-appliance AC switches.pdf                                 | 309  |
| 6074 | 07/03/11 | HV Surge Generator for Shock Wave Therapy.pdf                  | 175  |
| 6075 | 27/10/09 | Hysteresis PWM Controller.pdf                                  | 239  |
| 6076 | 26/10/09 | IGBT & Emitter Controlled Diode.pdf                            | 285  |
| 6077 | 07/03/11 | IGBT integrated Current & Temperature Sense.pdf                | 323  |
| 6078 | 07/03/11 | IGBTs in Soft Commutation Mode.pdf                             | 745  |
| 6079 | 28/10/09 | Improved Accuracy of Current Sensing.pdf                       | 225  |
| 6080 | 07/03/11 | Improving Efficiency of Synchronous Rectification.pdf          | 98   |
| 6081 | 28/10/09 | Integral-Cycle Control Techniques.pdf                          | 240  |
| 6082 | 26/10/09 | Integrated Multiplier for HID Ballasts.pdf                     | 680  |
| 6083 | 07/03/11 | Integrated Stepper Motor Control.pdf                           | 152  |
| 6084 | 26/10/09 | Intelligent power module.pdf                                   | 221  |
| 6085 | 28/10/09 | Internal liquid cooling system.pdf                             | 129  |
| 6086 | 07/03/11 | Investigations on the VCE(T)-Method.pdf                        | 2001 |
| 6087 | 28/10/09 | Large $\Delta T$ ( $\approx 300^{\circ}\text{C}$ ) Cycling.pdf | 438  |
| 6088 | 26/10/09 | LED-Driver with Dimming Feature.pdf                            | 215  |

|      |          |   |      |
|------|----------|---|------|
| 6089 | 27/10/09 | LLC resonant converters.pdf                         | 145  |
| 6090 | 26/10/09 | Loss - softness trade-off.pdf                       | 230  |
| 6091 | 27/10/09 | Low Temperature Joining Technique.pdf               | 114  |
| 6092 | 07/03/11 | Low-temp Sintering of Nanoscale Silver Paste.pdf    | 582  |
| 6093 | 07/03/11 | Magnetization Curves of SR-Machines.pdf             | 179  |
| 6094 | 27/10/09 | Materials for integrated inductors.pdf              | 210  |
| 6095 | 26/10/09 | Maximum Torque per Ampere Profiles.pdf              | 817  |
| 6096 | 26/10/09 | Microgrids - a Survey.pdf                           | 76   |
| 6097 | 07/03/11 | Modular Induction Heating.pdf                       | 256  |
| 6098 | 28/10/09 | MOSFET and IGBT for linear applications.pdf         | 315  |
| 6099 | 07/03/11 | Motor Drive Ground fault detector IC.pdf            | 188  |
| 6100 | 27/10/09 | Multilevel & classical 2-level inverters.pdf        | 259  |
| 6101 | 27/10/09 | multi-phase converter using coupled inductors.pdf   | 275  |
| 6102 | 28/10/09 | Multizone domestic induction heating.pdf            | 170  |
| 6103 | 28/10/09 | Negative voltage Transient SOA.pdf                  | 422  |
| 6104 | 10/01/11 | Novel basic energy recovery circuit BC2.pdf         | 329  |
| 6105 | 27/10/09 | Open Circuit Faults in Matrix Converters.pdf        | 417  |
| 6106 | 07/03/11 | Optimized Field Control of Induction Machines.pdf   | 364  |
| 6107 | 27/10/09 | Optimized Gate Driver.pdf                           | 198  |
| 6108 | 28/10/09 | Parallel Operation of IGBTs.pdf                     | 278  |
| 6109 | 27/10/09 | Parasitic Environment Extraction.pdf                | 202  |
| 6110 | 27/10/09 | Passive current probes.pdf                          | 205  |
| 6111 | 26/10/09 | PETT Oscillation in Power Diodes.pdf                | 347  |
| 6112 | 07/03/11 | PFC Output to Avoid Flicker for Dimming Ballast.pdf | 176  |
| 6113 | 27/10/09 | Photovoltaic converter topologies.pdf               | 537  |
| 6114 | 26/10/09 | Photovoltaic inverters - 2009.pdf                   | 410  |
| 6115 | 28/10/09 | Poly-silicon diode to monitor temperature.pdf       | 1147 |
| 6116 | 27/10/09 | Power Converters Control Systems.pdf                | 284  |
| 6117 | 27/10/09 | Power Electronics Busbar.pdf                        | 325  |
| 6118 | 28/10/09 | Power module for home appliances.pdf                | 138  |
| 6119 | 27/10/09 | Pre-sizing of DC-DC Buck converter.pdf              | 222  |
| 6120 | 07/03/11 | PWM Dead Time Optimization for DC-DC.pdf            | 218  |
| 6121 | 27/10/09 | PWM is obsolete technology.pdf                      | 175  |
| 6122 | 27/10/09 | PWM Switch versus Simplified Approach.pdf           | 150  |
| 6123 | 07/03/11 | Rapid Prototyping for Brushless Motors.pdf          | 293  |

|      |          |  |      |
|------|----------|--|------|
| 6124 | 07/03/11 | Reducing Noise of Sheeted Steel Inductors.pdf      | 1104 |
| 6125 | 07/03/11 | Reliability Assessment and Dynamic Analysis.pdf    | 165  |
| 6126 | 07/03/11 | Reliability of Cycled Substrate Solder Joints.pdf  | 252  |
| 6127 | 26/10/09 | Reliability of Power Modules.pdf                   | 326  |
| 6128 | 07/03/11 | Reliable Chip Contact Joining.pdf                  | 398  |
| 6129 | 27/10/09 | Residential PV Generation System.pdf               | 78   |
| 6130 | 27/10/09 | Reverse Conducting IGBTs.pdf                       | 112  |
| 6131 | 07/03/11 | RGB LED driver with Power Line Capabilities.pdf    | 320  |
| 6132 | 07/03/11 | Rotary Tables Master-Slave State Space Control.pdf | 875  |
| 6133 | 27/10/09 | Rotor Speed Estimation.pdf                         | 169  |
| 6134 | 07/03/11 | Saturation effect of PMSM Winding Inductance.pdf   | 145  |
| 6135 | 26/10/09 | Seamless Bidirectional Converters.pdf              | 876  |
| 6136 | 26/10/09 | Sensorless Control of a Disc Rotor.pdf             | 232  |
| 6137 | 26/10/09 | Sensorless Control of Induction Machines.pdf       | 254  |
| 6138 | 07/03/11 | Ship propulsion with low inductance PMSM.pdf       | 165  |
| 6139 | 27/10/09 | SiC based power modules.pdf                        | 186  |
| 6140 | 27/10/09 | SiC device technologies.pdf                        | 320  |
| 6141 | 27/10/09 | SiC high-voltage devices.pdf                       | 68   |
| 6142 | 27/10/09 | Silicon Carbide Switching Devices.pdf              | 313  |
| 6143 | 26/10/09 | SMPS Stage for Piezoelectric Drive.pdf             | 295  |
| 6144 | 26/10/09 | Soft-Switching Off-line DC-DC Converters.pdf       | 214  |
| 6145 | 07/03/11 | Solder Paste for Multiple Die Attach.pdf           | 37   |
| 6146 | 27/10/09 | Sparse matrix converter modulation.pdf             | 139  |
| 6147 | 27/10/09 | Speed and Position Measurement.pdf                 | 201  |
| 6148 | 28/10/09 | Substrate Free Molded Power Module.pdf             | 397  |
| 6149 | 26/10/09 | Super Barrier Rectifier Diodes.pdf                 | 113  |
| 6150 | 07/03/11 | Super Hydrophobic Surfaces.pdf                     | 86   |
| 6151 | 28/10/09 | The Way to Zero Stand-By Power.pdf                 | 64   |
| 6152 | 27/10/09 | Thermal Behaviour of Power Modules.pdf             | 120  |
| 6153 | 07/03/11 | Thermal fatigue and failure of substrates.pdf      | 310  |
| 6154 | 07/03/11 | Thermal management of IGBT module systems.pdf      | 480  |
| 6155 | 07/03/11 | Thermal Mechanical Behaviour of Solder Layers.pdf  | 375  |
| 6156 | 07/03/11 | Time Resolved Tvj Measurements HV IGBTs.pdf        | 354  |
| 6157 | 07/03/11 | Time-optimal paths for handling devices.pdf        | 191  |
| 6158 | 27/10/09 | Tools used in EMC Design.pdf                       | 504  |



|      |                                       |   |     |
|------|---------------------------------------|---|-----|
| 6159 | 27/10/09                              | Toyota PRIUS battery in microcycle mode.pdf                             | 341 |
| 6160 | 28/10/09                              | Transfer Molding PFC series.pdf   | 222 |
| 6161 | 27/10/09                              | Transfer-Molded Inverter Module.pdf                                     | 249 |
| 6162 | 26/10/09                              | Trench Gate IGBT.pdf  | 308 |
| 6163 | 07/03/11                              | User-friendly electro-thermal simulation.pdf                            | 209 |
| 6164 | 07/03/11                              | Welding Flexible Power Architecture.pdf                                 | 481 |
| 6165 | 27/10/09                              | Wide Input Output DC-DC Buck.pdf  | 138 |
| 6166 | 28/10/09                              | Wide range TIG welding inverter.pdf                                     | 252 |
| 6167 | 26/10/09                              | Worldwide Energy Efficiency Standards.pdf                               | 249 |
| 6168 | 07/03/11                              | ?Virtual Impedance? based Strategy.pdf                                  | 150 |
| 6169 | <b>Conversion d'énergie\PCIM 2012</b> |   |     |
| 6170 | 21/12/15                              | 1.7kV Hybrid SiC Power Module With Large Current & Low Loss.pdf         | 378 |
| 6171 | 21/12/15                              | 1200 V 450 A Power Module with 36 mm <sup>2</sup> of SiC VJFET Area.pdf | 292 |
| 6172 | 15/12/15                              | 1200V Intelligent Power Module for the High Power Motor Drive.pdf       | 353 |
| 6173 | 21/12/15                              | 1700V Reverse-Blocking IGBTs with V-Groove Isolation Layer.pdf          | 354 |
| 6174 | 18/12/15                              | 1700V SiC-MOSFET modules for active power filter in aviation.pdf        | 291 |
| 6175 | 21/12/15                              | 3.3kV High Speed IGBT Module.pdf  | 684 |
| 6176 | 24/12/15                              | 3D-GaN Electronics for the price of Silicon.pdf                         | 215 |
| 6177 | 24/12/15                              | 3-Level DC-DC Converter for Utility-Scale PV.pdf                        | 818 |
| 6178 | 24/12/15                              | 3-Phase Current Reconstruction Using Single DC-Link Shunt.pdf           | 325 |
| 6179 | 24/12/15                              | 6 different SiC Power 1200V Switching Devices.pdf                       | 249 |
| 6180 | 21/12/15                              | 6.5kV IGBT for Power LLC Resonant DC-DC Converter.pdf                   | 366 |
| 6181 | 24/12/15                              | 600V 6th Generation CSTBT.pdf   | 471 |
| 6182 | 21/12/15                              | 9kW Isolated DC-DC Converter for Hybrid Bus.pdf                         | 337 |
| 6183 | 14/12/15                              | Accurate Method for Measuring Capacitor ESL.pdf                         | 314 |
| 6184 | 05/12/15                              | Active Calibration of Samples According Vce(T) Method.pdf               | 208 |
| 6185 | 24/12/15                              | Adaptive dead time for high efficient forward converter.pdf             | 421 |
| 6186 | 14/12/15                              | Advanced Neutral-Point-Clamped IGBT module.pdf                          | 319 |
| 6187 | 14/12/15                              | Aerospace 250A-1200V intelligent phase leg IGBT power modules.pdf       | 363 |
| 6188 | 21/12/15                              | Al-Clad Cu Wire Bonds Multiply Power Cycling Lifetime.pdf               | 357 |
| 6189 | 15/12/15                              | Algorithmic slot geometry determination.pdf                             | 241 |
| 6190 | 18/12/15                              | AlphaIGBT - Making IGBTs Efficient and Easy to Use.pdf                  | 532 |
| 6191 | 24/12/15                              | Analytical & Experimental Characterization of Erosion Effects.pdf       | 604 |
| 6192 | 05/12/15                              | Arbitrary Load Profile Emulator.pdf                                     | 836 |
| 6193 | 21/12/15                              | Autobus with four minutes recharges at ends of the line.pdf             | 462 |

|      |          |  |      |
|------|----------|--|------|
| 6194 | 21/12/15 | Base plate concept on aluminium-copper clad materials.pdf            | 329  |
| 6195 | 15/12/15 | Bluetooth Dimmable CFL for Domestic Application.pdf                  | 366  |
| 6196 | 24/12/15 | Bond wire life time model based on temperature.pdf                   | 461  |
| 6197 | 21/12/15 | Boosting Dynamics of AC machines by using FPGA.pdf                   | 402  |
| 6198 | 14/12/15 | Cell Balancing of a Multi-Cell Battery Storage.pdf                   | 488  |
| 6199 | 24/12/15 | Changing behaviour of a wind power station.pdf                       | 388  |
| 6200 | 21/12/15 | Characterization of SiC MOSFET dual modules.pdf                      | 400  |
| 6201 | 24/12/15 | Combined effect of failure factors in power modules.pdf              | 340  |
| 6202 | 24/12/15 | Comparative HF Performance of SiC MOSFETs in Hard Switching.pdf      | 218  |
| 6203 | 24/12/15 | Comparison among different technologies in SiC.pdf                   | 362  |
| 6204 | 15/12/15 | Comparison of Output Rectifier Topologies.pdf                        | 592  |
| 6205 | 15/12/15 | Comparison of Transformerless PV Multilevel Topologies.pdf           | 359  |
| 6206 | 24/12/15 | Comparisopn of Standard and a Holistic AC-DC Converter.pdf           | 357  |
| 6207 | 14/12/15 | Contactless Charging System for EV.pdf                               | 1767 |
| 6208 | 24/12/15 | Control Structure for Single Phase Z-Source Inverter.pdf             | 489  |
| 6209 | 21/12/15 | Cost-Effective Sensorless Control Strategies.pdf                     | 652  |
| 6210 | 21/12/15 | Cu-bond contacts on sintered metal buffer for power module.pdf       | 444  |
| 6211 | 14/12/15 | Current enhancement of bus bars or PCBs by thermal conduction.pdf    | 583  |
| 6212 | 18/12/15 | Current Ripple for Interleaved Converters with Coupled Inductors.pdf | 265  |
| 6213 | 14/12/15 | Current Sharing in Copper Coils with Parallel Windings.pdf           | 797  |
| 6214 | 18/12/15 | Current Sharing in Multiphase Interleaved Converters.pdf             | 537  |
| 6215 | 24/12/15 | Current Transducer with Enhanced Rejection of External H Fields.pdf  | 333  |
| 6216 | 21/12/15 | DC Charging of EV - Combined Charging System.pdf                     | 351  |
| 6217 | 24/12/15 | DC Link Chopper for AC-DC adapters.pdf                               | 328  |
| 6218 | 14/12/15 | DC-DC Converter Topology for PEM Fuel Cell Large Stack.pdf           | 606  |
| 6219 | 21/12/15 | Depletion-mode SiC VJFET Simplifies High Voltage SMPS.pdf            | 510  |
| 6220 | 24/12/15 | Design of a 250W Microinverter for Distributed PV.pdf                | 231  |
| 6221 | 15/12/15 | Detection of Circuitry Faults in Electrical Machines.pdf             | 275  |
| 6222 | 24/12/15 | Digitally Controlled Bridgeless PFC Converter.pdf                    | 417  |
| 6223 | 18/12/15 | Dimmer-ballast compatibility for low-consumption lamps.pdf           | 394  |
| 6224 | 14/12/15 | Dimming-Based Energy Management of PV-Fed LEDs.pdf                   | 719  |
| 6225 | 24/12/15 | Discrete Modeling of Resonant Converters & Validation.pdf            | 408  |
| 6226 | 15/12/15 | Dither Circuit for Electronic Ballast EMI Reduction.pdf              | 226  |
| 6227 | 14/12/15 | Dual Switch Quasi-Resonant (QR) Flyback Converter.pdf                | 407  |
| 6228 | 21/12/15 | Eddy current technique on the effect of aluminum reconstruction.pdf  | 552  |

|      |          |   |      |
|------|----------|---|------|
| 6229 | 14/12/15 | Effects of Shadows on Power and Reliability of PV Panels.pdf          | 505  |
| 6230 | 15/12/15 | Elastically coupled multi-mass-systems.pdf                            | 355  |
| 6231 | 24/12/15 | Electrical power subsystem on Satellites.pdf                          | 472  |
| 6232 | 14/12/15 | Emergency power supply of elevator based on DIIPMTM.pdf               | 266  |
| 6233 | 15/12/15 | EMI Noise Source Modeling for Power Converter.pdf                     | 511  |
| 6234 | 14/12/15 | Equivalent Series Inductance for DC Capacitors and Bus.pdf            | 319  |
| 6235 | 14/12/15 | EV Online State-of-Charge Estimation of a LiFePo4 battery.pdf         | 361  |
| 6236 | 15/12/15 | Evaluation of Rectangular-Voltage-Fed Distribution System.pdf         | 287  |
| 6237 | 14/12/15 | Experimental test-bed of multi-storage hybrid systems.pdf             | 598  |
| 6238 | 18/12/15 | Failure Characteristics of Parallel Converters.pdf                    | 124  |
| 6239 | 24/12/15 | Fast Current Measurement based on Enhanced Sigma Delta.pdf            | 422  |
| 6240 | 05/12/15 | Fault Tolerant Electric Power Steering System.pdf                     | 632  |
| 6241 | 24/12/15 | First 99% PV Inverter with SiC JFETs on the Market.pdf                | 292  |
| 6242 | 24/12/15 | FPGA Current Controller for Virtual Synchronous Machine.pdf           | 458  |
| 6243 | 24/12/15 | FPGA Design Flow for Motor Control on Servo Drives.pdf                | 450  |
| 6244 | 24/12/15 | FPGA High Efficiency Space Vector Modulation.pdf                      | 441  |
| 6245 | 29/12/15 | FPGA-based PMSM Emulation Concept and Verification.pdf                | 1699 |
| 6246 | 21/12/15 | Fully Digitally Controlled Gate Drive Unit for IGBTs.pdf              | 562  |
| 6247 | 05/12/15 | Fully integrated PCB dual-switch fuse.pdf                             | 5538 |
| 6248 | 18/12/15 | GaN-on-Si for fast switching 600V devices.pdf                         | 620  |
| 6249 | 24/12/15 | Grid Integration of Renewables.pdf                                    | 389  |
| 6250 | 14/12/15 | Grid-Bound eCar Charging Using the Inverter.pdf                       | 509  |
| 6251 | 21/12/15 | Hardware-in-loop (HIL) Simulator.pdf                                  | 289  |
| 6252 | 24/12/15 | HF GaN Diode-Free Motor Drive with Sine-wave Output.pdf               | 670  |
| 6253 | 29/12/15 | HF Gate Drive Circuits for Si & SiC RF FET.pdf                        | 2083 |
| 6254 | 24/12/15 | High Efficiency 500kVA UPS Using Advanced-NPC Topology.pdf            | 266  |
| 6255 | 21/12/15 | High Fidelity Hybrid Hardware-in-the-Loop Simulator.pdf               | 349  |
| 6256 | 24/12/15 | High Force Density Linear Electromagnetic Actuator.pdf                | 357  |
| 6257 | 24/12/15 | High Power Factor HB-LED Converter without Electrolytic Capacitor.pdf | 391  |
| 6258 | 24/12/15 | High reliability 1200V High Voltage IC.pdf                            | 335  |
| 6259 | 24/12/15 | High temperature power module with SiC devices.pdf                    | 415  |
| 6260 | 14/12/15 | High thermal conductivity for high power density IGBT EV modules.pdf  | 984  |
| 6261 | 14/12/15 | High Voltage Power Optimizers in PV Applications.pdf                  | 197  |
| 6262 | 14/12/15 | HVDC transmission of offshore wind farms.pdf                          | 295  |
| 6263 | 21/12/15 | Identification of Two-Mass-Systems.pdf                                | 797  |

|      |          |   |      |
|------|----------|---|------|
| 6264 | 24/12/15 | IGBT inverter with increased power density & lower inductance.pdf | 378  |
| 6265 | 21/12/15 | IGBT Leakage Current Prediction.pdf                               | 355  |
| 6266 | 21/12/15 | IGBT Press-packs for the industrial market.pdf                    | 286  |
| 6267 | 18/12/15 | Improved burst mode in the stand-by condition of SMPS.pdf         | 188  |
| 6268 | 14/12/15 | Improved heat sink structure by utilizing chimney effect.pdf      | 181  |
| 6269 | 21/12/15 | Increasing Packaging Density and Thermal Performance.pdf          | 925  |
| 6270 | 15/12/15 | Induction machines with load dependent rotor flux control.pdf     | 223  |
| 6271 | 21/12/15 | Initial Rotor Position Detection in Synchronous Machines.pdf      | 189  |
| 6272 | 18/12/15 | Innovative Event Driven State Machine (SMED) Peripheral.pdf       | 239  |
| 6273 | 24/12/15 | Integration of Dual Active Bridge DC-DC Converters.pdf            | 657  |
| 6274 | 14/12/15 | Integration of high power planar transformers.pdf                 | 977  |
| 6275 | 15/12/15 | Intelligent Power Module For Energy-Saving.pdf                    | 222  |
| 6276 | 21/12/15 | Introducing the 5.5kV - 5kA HPT IGCT.pdf                          | 521  |
| 6277 | 24/12/15 | Island grid control with independent wind stations.pdf            | 458  |
| 6278 | 21/12/15 | Large-Cu-Wire Wedge Bonding with Cu Pad Metallization.pdf         | 847  |
| 6279 | 15/12/15 | LCL filter for an NPC 3-level three-phase inverter.pdf            | 320  |
| 6280 | 21/12/15 | Light Load of Synchronous Buck Converters during Dead-Time.pdf    | 399  |
| 6281 | 24/12/15 | Linear Motor using Transverse Flux Technology.pdf                 | 632  |
| 6282 | 24/12/15 | Low Cost High-Efficiency LED Lighting.pdf                         | 1382 |
| 6283 | 18/12/15 | Low Harmonic Rectifier Using 12-pulse Current Splitter.pdf        | 282  |
| 6284 | 24/12/15 | Low-Cost Digitally Controlled LLC Resonant Converter.pdf          | 643  |
| 6285 | 24/12/15 | Magnetic Bearing for Grind Ball.pdf                               | 232  |
| 6286 | 24/12/15 | MagnetoResistive Integrated Current Sensor.pdf                    | 511  |
| 6287 | 15/12/15 | Measuring Power Supply Noise with an RSA.pdf                      | 546  |
| 6288 | 15/12/15 | Minimizing Power Components of Isolated DC-DC Converters.pdf      | 513  |
| 6289 | 14/12/15 | Modeling inductors in frequency domain.pdf                        | 561  |
| 6290 | 15/12/15 | Modular Multilevel Converter with an open end transformer.pdf     | 459  |
| 6291 | 29/12/15 | Modular Multilevel Converters in drive applications.pdf           | 1472 |
| 6292 | 21/12/15 | Modular Multilevel Converters with Reverse-Conducting IGBT.pdf    | 193  |
| 6293 | 21/12/15 | Modular Multilevel Shunt Reactive Compensator.pdf                 | 296  |
| 6294 | 18/12/15 | Modulation Strategy for Series-Parallel Resonant Converter.pdf    | 421  |
| 6295 | 21/12/15 | Multimotor drives for EV using MHF-Converters.pdf                 | 616  |
| 6296 | 24/12/15 | Multiphase Buck Controller.pdf                                    | 601  |
| 6297 | 15/12/15 | Multiphase resonant Inverters for supercapacitor Charging.pdf     | 730  |
| 6298 | 24/12/15 | New module concept for overall low inductance.pdf                 | 445  |

|      |          |   |      |
|------|----------|---|------|
| 6299 | 14/12/15 | New Passive Filter For PWM Based Devices.pdf                          | 99   |
| 6300 | 24/12/15 | New SiC Thin-Wafer Technology of Schottky Diodes.pdf                  | 284  |
| 6301 | 21/12/15 | New Silicone Gels for Power Devices Encapsulation.pdf                 | 220  |
| 6302 | 13/12/15 | New technology for ceramic power capacitors.pdf                       | 351  |
| 6303 | 14/12/15 | New thyristor mega-module for megawatt-range converters.pdf           | 939  |
| 6304 | 21/12/15 | Non-linear Multi-variable Model-based Control.pdf                     | 398  |
| 6305 | 29/12/15 | Nonlinear Power Inductors for Large Current Crest Factors.pdf         | 1064 |
| 6306 | 21/12/15 | Novel silver contact material for applications on DCB.pdf             | 993  |
| 6307 | 24/12/15 | Novel Single-Phase Transformerless PV Inverter.pdf                    | 443  |
| 6308 | 18/12/15 | One-Quadrant DC Motor Drive with Nonlinear Step-Up-Down.pdf           | 167  |
| 6309 | 29/12/15 | Operating Range of n Parallel Connected Inverters.pdf                 | 1297 |
| 6310 | 05/12/15 | Optimization of Hall Effect Gear Tooth Speed Sensors.pdf              | 851  |
| 6311 | 21/12/15 | Optimization of passive components for Drive Applications.pdf         | 244  |
| 6312 | 21/12/15 | Optimization of two kinds of robust 700V DR-LDMOS.pdf                 | 713  |
| 6313 | 21/12/15 | Optimizing Thermal Interface Material.pdf                             | 267  |
| 6314 | 21/12/15 | Output power and cycling capability of BIGT & IGBTdiode inverters.pdf | 350  |
| 6315 | 14/12/15 | Packaging and Second Level Interconnection in Power Electronics.pdf   | 397  |
| 6316 | 18/12/15 | Parametric Design Guidelines for MW Oven Inverter.pdf                 | 236  |
| 6317 | 21/12/15 | Parasitic inductance in gate drive circuits.pdf                       | 125  |
| 6318 | 14/12/15 | Partial Discharges Identification and Design Rules.pdf                | 498  |
| 6319 | 24/12/15 | Passive compensation of CM noise in a boost converter.pdf             | 433  |
| 6320 | 18/12/15 | Peak Current Controlled Cuk Converter Stability.pdf                   | 407  |
| 6321 | 14/12/15 | Peak power corrector for apartment buildings.pdf                      | 313  |
| 6322 | 15/12/15 | Permanent Magnet Synchronous Machines.pdf                             | 149  |
| 6323 | 15/12/15 | Phase-Controlled Parallel-Series (LCpCs) Resonant Converter.pdf       | 288  |
| 6324 | 18/12/15 | PLC for high insulated power transmission system.pdf                  | 609  |
| 6325 | 21/12/15 | Power Cycling Capability of Power Modules for Hybrid EV.pdf           | 827  |
| 6326 | 05/12/15 | Power Cycling of IGBT Modules with Monitoring.pdf                     | 1041 |
| 6327 | 14/12/15 | Power loss measurement using fast & accurate open calorimeter.pdf     | 423  |
| 6328 | 15/12/15 | Power Module with Fast Reverse Recovery MOSFET.pdf                    | 347  |
| 6329 | 05/12/15 | Precise and Robust Three Phase Current Sensor Module.pdf              | 204  |
| 6330 | 21/12/15 | Pulse Overload-Behavior of a High-Current Connector.pdf               | 522  |
| 6331 | 21/12/15 | Pushing the limits of liquid cooling.pdf                              | 373  |
| 6332 | 05/12/15 | PVDF based rain sensor for weather assessment.pdf                     | 141  |
| 6333 | 21/12/15 | Railway Inverter System with SiC Power Module.pdf                     | 918  |

|      |          |  |     |
|------|----------|--|-----|
| 6334 | 14/12/15 | Real-Time Thermal Model for a Multichip IGBT-Module.pdf                | 258 |
| 6335 | 15/12/15 | Reduction of the Switching Losses in an IGBT Inverter.pdf              | 912 |
| 6336 | 05/12/15 | Reliability of Power Modules with Temperature Cycling.pdf              | 228 |
| 6337 | 05/12/15 | Resolver Based Position Sensing in Automotive Applications.pdf         | 419 |
| 6338 | 24/12/15 | Resonant LLC and LCC Converter.pdf                                     | 528 |
| 6339 | 18/12/15 | Response Time Study of Voltage Multipliers.pdf                         | 988 |
| 6340 | 18/12/15 | Reverse Recovery Behavior of a SiC MOSFET Diode.pdf                    | 209 |
| 6341 | 24/12/15 | Reverse Recovery of All-SiC Switches.pdf                               | 200 |
| 6342 | 24/12/15 | Safe isolation by coreless transformer technology.pdf                  | 278 |
| 6343 | 18/12/15 | Scaling of chip-level to module-level IGBTs.pdf                        | 540 |
| 6344 | 18/12/15 | Short-circuit behavior of diodes in voltage source inverters.pdf       | 198 |
| 6345 | 21/12/15 | Short-Circuit Behaviour of High-Voltage IGBTs.pdf                      | 407 |
| 6346 | 21/12/15 | Si IGBT-SiC JBS Rectifier co-packs.pdf                                 | 274 |
| 6347 | 18/12/15 | SiC "Super" Junction Transistors with Ultra-Fast (15 ns) Switching.pdf | 353 |
| 6348 | 24/12/15 | SiC BJT as a new efficient power device.pdf                            | 443 |
| 6349 | 24/12/15 | SiC JFET Driver for Direct Drive JFET Topology.pdf                     | 252 |
| 6350 | 14/12/15 | SiC Power Module with High Reliability.pdf                             | 283 |
| 6351 | 21/12/15 | SiC Switches for a Class D Audio Amplifier.pdf                         | 349 |
| 6352 | 24/12/15 | Silicon Carbide BJT's in boost applications.pdf                        | 532 |
| 6353 | 21/12/15 | Silicon Nitride Substrates for Power Electronics.pdf                   | 321 |
| 6354 | 15/12/15 | Simple Control Circuits for Electronic Ballast Design.pdf              | 400 |
| 6355 | 21/12/15 | Small Flywheel Energy Storage for Hybrid Cars.pdf                      | 640 |
| 6356 | 14/12/15 | Smart module Series - A new industrial package Standard.pdf            | 491 |
| 6357 | 24/12/15 | Smoothing Transformer for DM Noise Reduction.pdf                       | 319 |
| 6358 | 14/12/15 | Solar Inverter with Active Current Ripple Compensation.pdf             | 570 |
| 6359 | 21/12/15 | Space Vector PWM Scheme for Multi-Level Inverters.pdf                  | 531 |
| 6360 | 05/12/15 | Split Core Closed Loop Hall Effect Current Sensors.pdf                 | 306 |
| 6361 | 15/12/15 | SSCG technique effects to improve EMI of Stepper Motors driver.pdf     | 578 |
| 6362 | 14/12/15 | Storage capacitor properties on harvester performance.pdf              | 417 |
| 6363 | 24/12/15 | Strategy to Reduce Torque Ripple for PMSM.pdf                          | 369 |
| 6364 | 18/04/12 | Super junction MOSFET Analysis and market.pdf                          | 474 |
| 6365 | 21/12/15 | Suppressing Residual Vibrations in Motion Control.pdf                  | 189 |
| 6366 | 18/12/15 | Surge current behavior of turned on 600 V NPT-IGBT.pdf                 | 661 |
| 6367 | 21/12/15 | Symmetric Voltage Suppressor with Peak Pulse Power Capacity.pdf        | 335 |
| 6368 | 15/12/15 | Synthesis of input line current in PFC Control.pdf                     | 496 |

|      |                                       |  |     |
|------|---------------------------------------|--|-----|
| 6369 | 15/12/15                              | THD Reduction for Interleaved Converters in Discontinuous Mode.pdf | 368 |
| 6370 | 21/12/15                              | The Hybrid Multilevel Converter.pdf                                | 309 |
| 6371 | 14/12/15                              | Thermal Interface - Improving Lifetime in Power Electronics.pdf    | 337 |
| 6372 | 14/12/15                              | Thin Film Chip Resistors for High Temperature Up to +230°C.pdf     | 265 |
| 6373 | 15/12/15                              | Three-Phase Current Measurement and Field-Oriented Control.pdf     | 467 |
| 6374 | 05/12/15                              | Time delayed I & V signals on IGBT loss.pdf                        | 859 |
| 6375 | 14/12/15                              | Time-area performances of a FPGA sensorless speed controller.pdf   | 444 |
| 6376 | 18/12/15                              | Top-Layout Design of Thin-wafer Trench-Gate IGBT.pdf               | 148 |
| 6377 | 14/12/15                              | Transfer-mold Power Module Series for Power-Train Inverters.pdf    | 437 |
| 6378 | 24/12/15                              | Triangular Current Mode of 3 Phase Interleaved T-Type Inverter.pdf | 567 |
| 6379 | 21/12/15                              | Turn-off description of Trench- Field-stop IGBT - IGBT33.3kV.pdf   | 429 |
| 6380 | 21/12/15                              | Two and Three-Level Techniques for Medium-Power Inverter.pdf       | 269 |
| 6381 | 05/12/15                              | Two wire position signal conversion for Brushless DC motors.pdf    | 239 |
| 6382 | 15/12/15                              | Two-stage architecture for synchronous buck converter.pdf          | 686 |
| 6383 | 14/12/15                              | Ultra compact power module for liquid cooled inverter.pdf          | 525 |
| 6384 | 24/12/15                              | Ultra Low Ron SiC Trench Devices.pdf                               | 391 |
| 6385 | 18/12/15                              | Ultra Low Standby Power Consumption of SMPS.pdf                    | 664 |
| 6386 | 24/12/15                              | Ultra-Low-Cost Power Quality and Energy Measurement.pdf            | 148 |
| 6387 | 14/12/15                              | Unified Inverter Charger for Plug-In-Hybrid Vehicles.pdf           | 697 |
| 6388 | 24/12/15                              | Very High Performance Drives - up to 1 Mio rpm.pdf                 | 334 |
| 6389 | 21/12/15                              | Voltage Balancing and Monitoring Method.pdf                        | 530 |
| 6390 | 14/12/15                              | Warping of DBC substrates as a function of temperature.pdf         | 499 |
| 6391 | 18/12/15                              | Which Power MOSFET technologies in LLC HB converters?.pdf          | 369 |
| 6392 | 24/12/15                              | Wide Bandgap Power Devices in Megawatt PE Applications.pdf         | 440 |
| 6393 | 24/12/15                              | ZVS Half Bridge DC-DC Converter in MHz Region.pdf                  | 176 |
| 6394 | <b>Conversion d'énergie\PCIM 2013</b> |  |     |
| 6395 | 13/10/13                              | 1200V High Speed Field Stop Trench IGBT.pdf                        | 224 |
| 6396 | 22/10/13                              | 1200V SiC MOSFET and N-off SiC JFET performances.pdf               | 346 |
| 6397 | 03/11/13                              | 15 MW Hardware in the Loop Electric Grid.pdf                       | 274 |
| 6398 | 12/10/13                              | 3300 V IGBT Module with Low Power Loss.pdf                         | 399 |
| 6399 | 02/11/13                              | 3-phase DC-DC converter for supercap.pdf                           | 192 |
| 6400 | 02/11/13                              | 4 kW Fully Digital Dual Interleaved Boost Converter.pdf            | 428 |
| 6401 | 12/10/13                              | 6500V BIGT HiPak Modules.pdf                                       | 352 |
| 6402 | 13/10/13                              | 650-V High Speed 3 IGBTs in Power Modules.pdf                      | 263 |
| 6403 | 13/10/13                              | 650V junction with RDS(on) below 1 mΩ-mm <sup>2</sup> .pdf         | 732 |

|      |          |   |      |
|------|----------|---|------|
| 6404 | 01/11/13 | 690 V line side inverters.pdf                                 | 279  |
| 6405 | 01/11/13 | 99% Efficiency of LV Modular Multilevel Converters.pdf        | 259  |
| 6406 | 22/10/13 | A 45W LLC Resonant Converter in MHz Region.pdf                | 200  |
| 6407 | 03/11/13 | AC-Battery with Active Harmonics Compensation.pdf             | 266  |
| 6408 | 12/10/13 | Accelerated aging Impact on Heat Sinks.pdf                    | 115  |
| 6409 | 12/10/13 | Active Damping Scheme for LCL Filters.pdf                     | 268  |
| 6410 | 22/10/13 | Active Gate Control Methods for Turn-On.pdf                   | 462  |
| 6411 | 15/10/13 | Active Gate Driver of High Power IGBTs.pdf                    | 363  |
| 6412 | 22/10/13 | Aluminium Alloy for Heavy Wire Bonding.pdf                    | 673  |
| 6413 | 12/10/13 | Aluminium oxide as a winding insulation material.pdf          | 469  |
| 6414 | 12/10/13 | Aluminium-copper clad metal baseplate for liquid cooling.pdf  | 304  |
| 6415 | 12/10/13 | Aluminum Heat Sink for IGBT.pdf                               | 497  |
| 6416 | 14/12/15 | Aluminum reconstruction and bond wire lift-off effects.pdf    | 956  |
| 6417 | 14/12/15 | Application based modified reliability tests.pdf              | 502  |
| 6418 | 13/10/13 | Application-specific Device Design for Midvoltage MOSFETs.pdf | 447  |
| 6419 | 12/10/13 | Balancing Torque Loss and Cogging Reduction.pdf               | 506  |
| 6420 | 03/11/13 | Behavioral modeling of power losses.pdf                       | 210  |
| 6421 | 13/10/13 | Bi-directional DC-DC for battery management.pdf               | 491  |
| 6422 | 13/10/13 | Bidirectional Medium-Voltage DC-DC Converters.pdf             | 147  |
| 6423 | 13/10/13 | Bottom-Source Power MOSFETs.pdf                               | 430  |
| 6424 | 13/10/13 | Carrier-based modulation strategies.pdf                       | 358  |
| 6425 | 12/10/13 | Characteristics of 200V Normally-off GaN HEMTs.pdf            | 511  |
| 6426 | 15/10/13 | CM and DM Measurements with a Modified LISN.pdf               | 299  |
| 6427 | 13/10/13 | CM Noise Filtering by Passive Cancellation.pdf                | 437  |
| 6428 | 12/10/13 | Coil optimisation for inductive transmission.pdf              | 176  |
| 6429 | 03/11/13 | Combined-Hardware-in-the-Loop-System.pdf                      | 211  |
| 6430 | 13/10/13 | Comparison of converter topologies for electric car.pdf       | 134  |
| 6431 | 14/12/15 | Comparison of Planar and Solenoid Coil Arrangements.pdf       | 1183 |
| 6432 | 12/10/13 | Comparison of Silicon Nitride DBC and AMB Substrates.pdf      | 609  |
| 6433 | 01/11/13 | Comparison of Thyristor with Chopper-Rectifier.pdf            | 171  |
| 6434 | 01/11/13 | Conducted EMI in Power Converter.pdf                          | 175  |
| 6435 | 03/11/13 | Control of DFIG in Converter-Fixed Reference Frame.pdf        | 264  |
| 6436 | 13/10/13 | Controlled-Bus with Voltage Equalization.pdf                  | 210  |
| 6437 | 13/10/13 | Converter topology for high speed motor drives.pdf            | 142  |
| 6438 | 22/10/13 | Cooling microstructures for nucleate boiling process.pdf      | 672  |



|      |          |  |     |
|------|----------|--|-----|
| 6439 | 13/10/13 | Cooling System in Electric Powertrains.pdf                 | 495 |
| 6440 | 12/10/13 | COOLiR2DIET technology.pdf                                 | 475 |
| 6441 | 03/11/13 | Customer-end Inverter for an LVDC Distribution.pdf         | 342 |
| 6442 | 02/11/13 | DC link voltage for grid side VSC control.pdf              | 173 |
| 6443 | 03/11/13 | DC-DC Switching Regulators in Discontinuous Mode.pdf       | 413 |
| 6444 | 01/11/13 | DC-voltage of the Three Phase Four Leg Inverter.pdf        | 339 |
| 6445 | 12/10/13 | Decentralized Electromotive Power Train.pdf                | 311 |
| 6446 | 22/10/13 | Dedicated Thermal Interface Material.pdf                   | 275 |
| 6447 | 12/10/13 | Design of a SiC solar inverter.pdf                         | 386 |
| 6448 | 01/11/13 | Design of Interleaved Power Converters.pdf                 | 195 |
| 6449 | 01/11/13 | Digital Current Controllers for SiC and GaN.pdf            | 250 |
| 6450 | 01/11/13 | Digital Multiphase Constant-On-Time Regulator.pdf          | 356 |
| 6451 | 13/10/13 | Digitally Controlled Bridgeless PFC.pdf                    | 339 |
| 6452 | 12/10/13 | Diode-Free Synchronous Rectification SiC Trench JFET.pdf   | 234 |
| 6453 | 01/11/13 | Direct Paralleling Power Supplies Qingyi.pdf               | 360 |
| 6454 | 13/10/13 | Discontinuous-Conduction-Mode ZVS Buck-Boost.pdf           | 237 |
| 6455 | 01/11/13 | Domestic Induction Heating Application.pdf                 | 434 |
| 6456 | 01/11/13 | Doubly Fed Induction Generators.pdf                        | 205 |
| 6457 | 12/10/13 | DSP & Active power filter for aerospace.pdf                | 520 |
| 6458 | 13/10/13 | Dynamic Characterization of IGBT Modules.pdf               | 651 |
| 6459 | 13/10/13 | Dynamic MPP performance of PV inverter.pdf                 | 542 |
| 6460 | 13/10/13 | Dynamical reconfiguration of PV arrays.pdf                 | 148 |
| 6461 | 03/11/13 | Efficiency and Power Quality of Multi-mode UPS.pdf         | 214 |
| 6462 | 02/11/13 | Efficient 22 kW Bidirectional Inductive Charger.pdf        | 317 |
| 6463 | 03/11/13 | Electrical protection in distribution networks.pdf         | 242 |
| 6464 | 22/10/13 | Electro-thermal model of power semiconductors.pdf          | 255 |
| 6465 | 13/10/13 | Elimination of Signal Time Delays for Loss Measurement.pdf | 597 |
| 6466 | 01/11/13 | Energy-efficient transformers.pdf                          | 437 |
| 6467 | 13/10/13 | Fault-Tolerant Flying Capacitor Multilevel DC-DC.pdf       | 365 |
| 6468 | 01/11/13 | Five-Level HF ZVS Neutral-Point-Clamped Inverter.pdf       | 443 |
| 6469 | 13/10/13 | Four quadrant converter on AC welding.pdf                  | 616 |
| 6470 | 02/11/13 | Full Bridge Interleaved Phase Shift ZVS.pdf                | 376 |
| 6471 | 12/10/13 | Full-Speed-Range Sensorless SPM Drive.pdf                  | 567 |
| 6472 | 22/10/13 | GaAs pin Diodes as Freewheeling Diodes.pdf                 | 422 |
| 6473 | 13/10/13 | GaN on Silicon Technology.pdf                              | 610 |

|      |          |   |      |
|------|----------|---|------|
| 6474 | 13/10/13 | GaN Switching for Efficient Converters.pdf                | 550  |
| 6475 | 13/10/13 | Gate Drive Bias Power Rails for IGBT.pdf                  | 361  |
| 6476 | 02/11/13 | Gate oxide defectiveness levels.pdf                       | 373  |
| 6477 | 12/10/13 | Gate-Drive Considerations for SiC FET.pdf                 | 499  |
| 6478 | 15/10/13 | Green Energy and Industrial - Film Capacitors.pdf         | 679  |
| 6479 | 29/12/15 | Grid integration for wind energy converters.pdf           | 895  |
| 6480 | 03/11/13 | Grid-connected to-from off-grid.pdf                       | 316  |
| 6481 | 01/11/13 | Ground Fault Detection for 3 Phase Speed Drives.pdf       | 335  |
| 6482 | 12/10/13 | High Bandwidth Current Control.pdf                        | 627  |
| 6483 | 12/10/13 | High efficiency photovoltaic system.pdf                   | 260  |
| 6484 | 29/12/15 | High switching speeds and loss reduction.pdf              | 1356 |
| 6485 | 13/10/13 | High voltage GaN Devices for Inverters.pdf                | 586  |
| 6486 | 12/10/13 | High-Efficiency IT Installations.pdf                      | 371  |
| 6487 | 12/10/13 | Higher power density with new IGBT.pdf                    | 786  |
| 6488 | 13/10/13 | Highly Dynamic Current Measurements of IGBTs.pdf          | 338  |
| 6489 | 12/10/13 | High-Speed Power Motors in Future Aircrafts.pdf           | 256  |
| 6490 | 13/10/13 | HV DC-DC converter for the HVDC networks.pdf              | 128  |
| 6491 | 01/11/13 | HV half bridge driver IC concept.pdf                      | 160  |
| 6492 | 22/10/13 | HV HF Lateral SiC JFET.pdf                                | 151  |
| 6493 | 13/10/13 | HV Thyristor with Reduced Temperature Dependence.pdf      | 404  |
| 6494 | 10/10/13 | HVDC - State of the art and future trends.pdf             | 642  |
| 6495 | 13/10/13 | Hybrid Modulation for Three-Level Inverters.pdf           | 354  |
| 6496 | 01/11/13 | Hysteresis behavior of silicon iron 6.5 %.pdf             | 183  |
| 6497 | 29/12/15 | IGBT for $T_{jmax}=175^{\circ}C$ continuous operation.pdf | 1491 |
| 6498 | 13/10/13 | IGBTs in Phase Shift Full Bridge ZVT DC-DC.pdf            | 523  |
| 6499 | 12/10/13 | IGBTs with high inductive and capacitive loads.pdf        | 681  |
| 6500 | 15/10/13 | Impact of the MOSFET parasitic capacitances.pdf           | 260  |
| 6501 | 12/10/13 | Improved thermal cycling reliability.pdf                  | 389  |
| 6502 | 13/10/13 | Improvement of a CoolMOST C7 650V switch.pdf              | 203  |
| 6503 | 01/11/13 | Increased Coil-Capacitance for ZVS.pdf                    | 716  |
| 6504 | 12/10/13 | Increasing the Life of Electrolytic Capacitor.pdf         | 418  |
| 6505 | 12/10/13 | Inductive Current Splitter - Merger for Low Harmonics.pdf | 205  |
| 6506 | 12/10/13 | Influence of Parasitic Inductances on SiC JFET.pdf        | 333  |
| 6507 | 13/10/13 | Inhomogeneous current at turn-off of BIGTs.pdf            | 508  |
| 6508 | 13/10/13 | Intelligent Power Modules for 500W washing machine.pdf    | 213  |

|      |          |   |      |
|------|----------|---|------|
| 6509 | 12/10/13 | Inverter with 600V GaN power switches.pdf                     | 380  |
| 6510 | 13/10/13 | IR 600 V GaN on Si based Power Device.pdf                     | 262  |
| 6511 | 13/10/13 | Irradiated HV MOSFETs in Linear Zone.pdf                      | 482  |
| 6512 | 13/10/13 | Isolated High Voltage DC-DC Converter.pdf                     | 411  |
| 6513 | 14/12/15 | Junction Temperature Estimation Model.pdf                     | 426  |
| 6514 | 13/10/13 | Large Area 6.5 kV Fast Recovery Diode.pdf                     | 375  |
| 6515 | 12/10/13 | Large-Air-Gap Transformer Systems.pdf                         | 293  |
| 6516 | 12/10/13 | Lateral GaN Transistors.pdf                                   | 278  |
| 6517 | 13/10/13 | Lifetime Model for Advanced Power Modules.pdf                 | 260  |
| 6518 | 13/10/13 | Lifetime Modelling of IGBT Modules.pdf                        | 199  |
| 6519 | 12/10/13 | Linearization for magnetic bearing.pdf                        | 314  |
| 6520 | 01/11/13 | Load recognition in domestic power consumption.pdf            | 381  |
| 6521 | 13/10/13 | Localization of electrical defects on power devices.pdf       | 483  |
| 6522 | 12/10/13 | Low inductive strip line for symmetric switching.pdf          | 320  |
| 6523 | 12/10/13 | Low loss, High Current SiC MOSFET Module.pdf                  | 276  |
| 6524 | 01/11/13 | Low Side IGBTs Turn on Switching Loss.pdf                     | 456  |
| 6525 | 01/11/13 | Low-Cost Closed-Loop Compensated Current Transducer.pdf       | 395  |
| 6526 | 15/10/13 | Matching HF Contactless Transformer.pdf                       | 520  |
| 6527 | 12/10/13 | Maximum Length Sequences to Battery Charge.pdf                | 229  |
| 6528 | 03/11/13 | Measure the Network Harmonic Impedance.pdf                    | 260  |
| 6529 | 12/10/13 | Medium Voltage Power Conversion for Windpower.pdf             | 216  |
| 6530 | 22/10/13 | Mixed PRBS technique for thermal impedance spectroscopy.pdf   | 198  |
| 6531 | 13/10/13 | Modeling of magnetic couplings in EMC filters.pdf             | 315  |
| 6532 | 03/11/13 | Modelling and Analysis of an Inductor.pdf                     | 192  |
| 6533 | 15/10/13 | Modular multilevel converter of HVDC.pdf                      | 326  |
| 6534 | 29/12/15 | MOSFET Control of dv-dt and di-dt.pdf                         | 883  |
| 6535 | 02/11/13 | MPPT Control for a PV Power Generator.pdf                     | 921  |
| 6536 | 01/11/13 | Multichannel high-power HF induction heating.pdf              | 386  |
| 6537 | 03/11/13 | Multi-Converter in peak power corrector.pdf                   | 191  |
| 6538 | 13/10/13 | Multilevel Converter and DC-Breaker in HVDC-Grids.pdf         | 173  |
| 6539 | 22/10/13 | Multilevel Converter Control by FPGA in Simulink.pdf          | 818  |
| 6540 | 29/12/15 | Multi-Objective Genetic Algorithm.pdf                         | 3015 |
| 6541 | 13/10/13 | Multivariable Pole-Restraining Control of MMC-based HVDCs.pdf | 601  |
| 6542 | 22/10/13 | Neutral-Point Voltage Control for 3-Level NPC Inverters.pdf   | 366  |
| 6543 | 02/11/13 | Non-isolated DC-DC Converter with Transformer.pdf             | 337  |

|      |          |  |      |
|------|----------|--|------|
| 6544 | 13/10/13 | Novel DC-AC Converter Topology.pdf                         | 859  |
| 6545 | 16/10/13 | Numerical technique for PV modules diagnosis.pdf           | 201  |
| 6546 | 02/11/13 | Offshore wind park AC grids.pdf                            | 198  |
| 6547 | 29/12/15 | Opposition Method for of SiC Dual MOSFET Modules.pdf       | 1115 |
| 6548 | 02/11/13 | Optimal Core Design for Inductive Power Transfer.pdf       | 423  |
| 6549 | 13/10/13 | Optimization of High Voltage IGBTs.pdf                     | 591  |
| 6550 | 01/11/13 | Optimization Strategy for Point of Load Converters.pdf     | 292  |
| 6551 | 29/12/15 | Output Filter Minimization for Buck-Boost.pdf              | 1010 |
| 6552 | 12/10/13 | Overmodulation in Control of Permanent Magnet Machines.pdf | 344  |
| 6553 | 02/11/13 | Parallel buck converter transient.pdf                      | 206  |
| 6554 | 01/11/13 | Parallel MOSFETs Losses for push pull.pdf                  | 399  |
| 6555 | 22/10/13 | Parallel single transistor ZVS resonant inverter.pdf       | 137  |
| 6556 | 03/11/13 | Parametrical Model of a Lithium-Ion Cell.pdf               | 267  |
| 6557 | 12/10/13 | Partial Discharge and Dielectric Breakdown of NiAu.pdf     | 838  |
| 6558 | 12/10/13 | Performances of batteries technologies.pdf                 | 263  |
| 6559 | 01/11/13 | PFC Topology Selection.pdf                                 | 442  |
| 6560 | 13/10/13 | Planar-Gate IGBT With Topside Diffusion Remnant Layer.pdf  | 167  |
| 6561 | 03/11/13 | Power Consumption of Inverter Air Conditioner.pdf          | 249  |
| 6562 | 12/10/13 | Power converters for low voltage wind turbines.pdf         | 3839 |
| 6563 | 29/12/15 | Power IGBT Device Spice Macro Model.pdf                    | 3810 |
| 6564 | 22/10/13 | Power module challenge for 6 MVA+ LV converters.pdf        | 652  |
| 6565 | 12/10/13 | Power Modules with Embedded Chips.pdf                      | 279  |
| 6566 | 15/10/13 | Power Regeneration for Voltage Source Converters.pdf       | 439  |
| 6567 | 02/11/13 | PV-Systems with Energy Storage.pdf                         | 191  |
| 6568 | 01/11/13 | Quick and precise DC Link for 3-ph inverter.pdf            | 208  |
| 6569 | 02/11/13 | qZS-derived Push-Pull DC-DC Converter.pdf                  | 1477 |
| 6570 | 01/11/13 | Radiated EMI of power converters.pdf                       | 218  |
| 6571 | 13/10/13 | RC-IGBT in the Rotor Side Converter of DFIG.pdf            | 249  |
| 6572 | 13/10/13 | Reactive Power Impact on Lifetime Prediction.pdf           | 424  |
| 6573 | 03/11/13 | Real-Time Emulator for Digital Controllers.pdf             | 305  |
| 6574 | 03/11/13 | Real-time Simulation of a Solar Power Conditioner.pdf      | 254  |
| 6575 | 03/11/13 | Real-time Simulation of Power Electronic.pdf               | 280  |
| 6576 | 02/11/13 | Reduced Cost of Transformerless PV Inverters.pdf           | 171  |
| 6577 | 02/11/13 | Relationship between efficiency and cost.pdf               | 399  |
| 6578 | 13/10/13 | Repetitive Avalanche of Automotive MOSFETs.pdf             | 429  |

|      |          |   |      |
|------|----------|---|------|
| 6579 | 02/11/13 | Reversible High Gain DC-DC Buck-Boost.pdf                     | 197  |
| 6580 | 12/10/13 | Self-oscillating Inductive Charging System.pdf                | 126  |
| 6581 | 12/10/13 | Sensorless Direct Torque Control.pdf                          | 364  |
| 6582 | 01/11/13 | Series Resonant Converter with Inductive Output Filter.pdf    | 444  |
| 6583 | 12/10/13 | Short circuit immunity of Trench IGBT.pdf                     | 322  |
| 6584 | 15/10/13 | Short-Circuit Protection in HVDC Transmission.pdf             | 270  |
| 6585 | 14/12/15 | SiC GTOs High Voltage Grid Conversion.pdf                     | 729  |
| 6586 | 12/10/13 | SiC Interleaved Boost Circuit Design.pdf                      | 338  |
| 6587 | 12/10/13 | SiC-based High Efficiency Bidirectional Battery Converter.pdf | 352  |
| 6588 | 13/10/13 | Silicone Soft Gels at Low Temperatures.pdf                    | 198  |
| 6589 | 13/10/13 | Silver Sintering as Lead Free Die Attach.pdf                  | 638  |
| 6590 | 29/12/15 | Simulation of Copper Losses in Litz-Wire Windings.pdf         | 1484 |
| 6591 | 13/10/13 | Simulation of Utility-Scale PV Power Plants.pdf               | 428  |
| 6592 | 03/11/13 | Single-phase inverter with SPWM voltage regulation.pdf        | 449  |
| 6593 | 22/10/13 | Sintered Nanosilver Interconnect for Automotive.pdf           | 654  |
| 6594 | 13/10/13 | soft-switching SiC MOSFETs inverter in the MHz-range.pdf      | 525  |
| 6595 | 12/10/13 | Solar Central Inverters with 99.2 % Efficiency.pdf            | 305  |
| 6596 | 13/10/13 | Solder-TIMs (Thermal Interface Materials).pdf                 | 460  |
| 6597 | 14/12/15 | Static load test of vehicle inverters.pdf                     | 373  |
| 6598 | 13/10/13 | Statistical Analysis of Power Cycling Data.pdf                | 574  |
| 6599 | 03/11/13 | SUMU - Integrated Monitoring System.pdf                       | 310  |
| 6600 | 13/10/13 | Super-Junction HV MOSFETs boost efficiency.pdf                | 237  |
| 6601 | 29/12/15 | Switching and SOA of the TRENCHSTOPT5 IGBT.pdf                | 892  |
| 6602 | 01/11/13 | System Partitioning for Safe Automotive Inverters.pdf         | 104  |
| 6603 | 13/10/13 | Technologies of direct cooling IGBT module.pdf                | 444  |
| 6604 | 22/10/13 | Temperature range of rectifier diodes.pdf                     | 1284 |
| 6605 | 03/11/13 | Test-bed with battery, hydrogen and heat storage.pdf          | 501  |
| 6606 | 12/10/13 | Thermal cycling OF DAB and DCB substrates.pdf                 | 809  |
| 6607 | 22/10/13 | Thermal Optimized Operation.pdf                               | 424  |
| 6608 | 01/11/13 | Third Harmonic Injection Active Rectifier.pdf                 | 530  |
| 6609 | 13/10/13 | Three-level or Two-Level Two-cell Interleaved DC-AC.pdf       | 284  |
| 6610 | 13/10/13 | Thyristor Developments for HVDC Applications.pdf              | 572  |
| 6611 | 13/10/13 | Topology for Energy Storage in PV-Inverters.pdf               | 105  |
| 6612 | 22/10/13 | Totem-Pole PFC Based on GaN HEMTs.pdf                         | 288  |
| 6613 | 10/10/13 | Traction Drives, from IGBT Modules to SiC.pdf                 | 37   |

|      |                                       |  |      |
|------|---------------------------------------|--|------|
| 6614 | 12/10/13                              | Transformer for AC-DC & DC-AC bidirectional converter.pdf  | 646  |
| 6615 | 12/10/13                              | Transformer with Integrated Current Doubler.pdf            | 550  |
| 6616 | 15/10/13                              | Transformerless MMC-based HVDC systems.pdf                 | 381  |
| 6617 | 13/10/13                              | Transient Liquid Phase Soldering.pdf                       | 601  |
| 6618 | 05/12/15                              | Transient thermal resistance Zth of power modules.pdf      | 254  |
| 6619 | 13/10/13                              | Turn-on of power LTT and light driver modules.pdf          | 389  |
| 6620 | 12/10/13                              | Two- and Three-Level Voltage-Source Topologies.pdf         | 234  |
| 6621 | 12/10/13                              | Two-Phase Roll-Bond Heat Sink.pdf                          | 182  |
| 6622 | 12/10/13                              | Ultra Efficient Three-Level Grid Solar Inverter.pdf        | 343  |
| 6623 | 15/10/13                              | Ultra-Load-Dump Crowbar Resistors.pdf                      | 250  |
| 6624 | 12/10/13                              | Ultra-Low-Inductance Power Module.pdf                      | 568  |
| 6625 | 12/10/13                              | Understanding the unbalancing of a battery pack.pdf        | 739  |
| 6626 | 03/11/13                              | VIAvento Code-Generation Framework.pdf                     | 278  |
| 6627 | 03/11/13                              | Vibration resistant Power module.pdf                       | 374  |
| 6628 | 01/11/13                              | Waveforms, Current and Bandwidth Sensors.pdf               | 220  |
| 6629 | 29/12/15                              | WBG power devices on inverter leg.pdf                      | 1142 |
| 6630 | <b>Conversion d'énergie\PCIM 2014</b> |  |      |
| 6631 | 29/12/15                              | 1200 V Low Loss Enhanced-Planar IGBTs.pdf                  | 471  |
| 6632 | 30/12/15                              | 1200V 4H-SiC Trench Devices.pdf                            | 263  |
| 6633 | 08/01/16                              | 1200V Class Reverse Conducting IGBT.pdf                    | 656  |
| 6634 | 29/12/15                              | 1200V SPM smart power module.pdf                           | 458  |
| 6635 | 08/01/16                              | 1800A-3.3kV IGBT Module using Trench HiGT Structure.pdf    | 451  |
| 6636 | 30/12/15                              | 3.3kV RC-IGCTs Optimized for Multi-Level Topologies.pdf    | 373  |
| 6637 | 28/12/15                              | 3-Phase Hardware-in-the-Loop Emulation.pdf                 | 512  |
| 6638 | 08/01/16                              | 4.5 kV IGBT and diode chip set for HVDC Transmission.pdf   | 412  |
| 6639 | 29/12/15                              | 5 kW Inductive Power Transfer System for EV.pdf            | 515  |
| 6640 | 30/12/15                              | 50kW Gen2 SiC Device Based PV String Inverter.pdf          | 807  |
| 6641 | 08/01/16                              | 6.5 kV IGBT Module with High Robustness.pdf                | 263  |
| 6642 | 08/01/16                              | 7th Generation IGBT Module for Industrial Applications.pdf | 206  |
| 6643 | 08/01/16                              | 99.3% Efficiency of Boost-up Converter.pdf                 | 219  |
| 6644 | 08/01/16                              | A new Line Filter Design strategy.pdf                      | 626  |
| 6645 | 30/12/15                              | A three-phase four-wire grid-connected PV System.pdf       | 465  |
| 6646 | 29/12/15                              | Accurately Analyzing Thermal Resistances.pdf               | 448  |
| 6647 | 28/12/15                              | AC-DC with Switched Capacitor for Power LEDs.pdf           | 394  |
| 6648 | 30/12/15                              | Active and passive thermal cycling stress.pdf              | 637  |

|      |          |   |      |
|------|----------|---|------|
| 6649 | 30/12/15 | Active battery management system for EV.pdf                       | 659  |
| 6650 | 29/12/15 | Active dv-dt filter for power drives.pdf                          | 479  |
| 6651 | 29/12/15 | Active Neutral Point 3-Level Inverter.pdf                         | 286  |
| 6652 | 08/01/16 | Active power filter with SiC-MOSFETs for aerospace.pdf            | 352  |
| 6653 | 29/12/15 | Adaptable AC Input Phase Switching.pdf                            | 631  |
| 6654 | 28/12/15 | Analysis of Hybrid HF MOSFET-IGBT Switches.pdf                    | 379  |
| 6655 | 29/12/15 | Analysis of N+1 and 2N+1 Phase-Shifted Carrier-Based PWM.pdf      | 520  |
| 6656 | 30/12/15 | APF oriented Transfer Mold DIIPM utilizing MOSFET.pdf             | 226  |
| 6657 | 30/12/15 | Arc Fault Detection Using Rogowski Coils.pdf                      | 2106 |
| 6658 | 30/12/15 | Asymmetrical Half-Bridge PWM Converter including Parasitics.pdf   | 229  |
| 6659 | 30/12/15 | Balancing solution for auxiliary 12V.pdf                          | 616  |
| 6660 | 30/12/15 | Benefits for Solar Inverters using SiC Modules.pdf                | 226  |
| 6661 | 29/12/15 | Calibration procedure for PSpice IGBT models.pdf                  | 204  |
| 6662 | 30/12/15 | Charge distribution & electrical behavior of the BIGT.pdf         | 569  |
| 6663 | 08/01/16 | Class-E Amplifier with SiC-MOSFET.pdf                             | 421  |
| 6664 | 28/12/15 | Combined Solid-state AC-DC switch for laboratory applications.pdf | 631  |
| 6665 | 30/12/15 | Compact 100A-1200V SiC Power Module.pdf                           | 1214 |
| 6666 | 29/12/15 | Compact-package Power Modules for EV.pdf                          | 465  |
| 6667 | 29/12/15 | Comparison of Powertrain Concepts for EV.pdf                      | 349  |
| 6668 | 29/12/15 | Comparison of Si-SiC Semiconductor Performance.pdf                | 383  |
| 6669 | 29/12/15 | Comparison of Topologies for the Inverter of an EV.pdf            | 131  |
| 6670 | 08/01/16 | Conduction time on High Voltage IGBT Modules.pdf                  | 443  |
| 6671 | 29/12/15 | Contactless IPT Station for Charging of EV.pdf                    | 688  |
| 6672 | 29/12/15 | Control loop design and verification in SMPS.pdf                  | 813  |
| 6673 | 30/12/15 | Control of Converters for Microgrid Applications.pdf              | 568  |
| 6674 | 08/01/16 | Control of Current Source Rectifier for UPS.pdf                   | 529  |
| 6675 | 28/12/15 | Control of the Cascaded H-bridge Multilevel Converter.pdf         | 359  |
| 6676 | 08/01/16 | Control Scheme to Improve the Efficiency of Servo Drives.pdf      | 488  |
| 6677 | 30/12/15 | Controlled Square Wave High Frequency Rectifier.pdf               | 280  |
| 6678 | 28/12/15 | Converter efficiency increasing techniques.pdf                    | 176  |
| 6679 | 30/12/15 | Cost Benefits on High Frequency SiC MOSFET Converter.pdf          | 217  |
| 6680 | 08/01/16 | Current Control for Permanent Magnet Synchronous Machines.pdf     | 286  |
| 6681 | 08/01/16 | Cu-Wire Bonds on Switching Behaviour of IGBTs.pdf                 | 646  |
| 6682 | 30/12/15 | DC Breaker & Magnetic Arc-Extinguisher.pdf                        | 490  |
| 6683 | 28/12/15 | Design Tools in Closed Loop Motor Control.pdf                     | 773  |

|      |          |   |      |
|------|----------|---|------|
| 6684 | 30/12/15 | Development of a hybrid power generation system.pdf                 | 520  |
| 6685 | 30/12/15 | D-STATCOM Power Reserve against System Voltage Problems.pdf         | 502  |
| 6686 | 29/12/15 | Dual-sided Cooling of Power Modules.pdf                             | 386  |
| 6687 | 28/12/15 | Dynamic Current Measurements with Inductive Current Sensors.pdf     | 433  |
| 6688 | 29/12/15 | Economics of High Efficiency SiC MOSFET for Motor Drive.pdf         | 311  |
| 6689 | 30/12/15 | Efficiency in AC drives - Comparison of Topologies and Device.pdf   | 248  |
| 6690 | 30/12/15 | Efficiency of selected generator-converter-topologies.pdf           | 234  |
| 6691 | 28/12/15 | Efficient Optical Remote Control.pdf                                | 434  |
| 6692 | 30/12/15 | eGaN FET based Wireless Energy Transfer Topology.pdf                | 748  |
| 6693 | 29/12/15 | Electric Vehicle DC-Quick-Charger Security.pdf                      | 833  |
| 6694 | 29/12/15 | EM robustness validation for gate drivers.pdf                       | 256  |
| 6695 | 30/12/15 | Estimation of junction temperature and current of IGBTs.pdf         | 344  |
| 6696 | 29/12/15 | EV DC-Quick-Charger DC-Link assessment.pdf                          | 1745 |
| 6697 | 28/12/15 | EV DC-Quick-Charger Grid Load Assessment.pdf                        | 2049 |
| 6698 | 28/12/15 | EV DC-Quick-Charger Test Bed configuration.pdf                      | 252  |
| 6699 | 29/12/15 | Flux-Coated Solder Preforms.pdf                                     | 487  |
| 6700 | 29/12/15 | Frequency of Wireless Power Transfer Systems.pdf                    | 410  |
| 6701 | 29/12/15 | GaN devices in automotive electrification.pdf                       | 316  |
| 6702 | 29/12/15 | GaN-Based SSFET as Synchronous Rectifier in PFC.pdf                 | 338  |
| 6703 | 08/01/16 | Half Wave Bridge AC-DC Converters.pdf                               | 353  |
| 6704 | 08/01/16 | Harmonic current control for transverse flux machines.pdf           | 402  |
| 6705 | 08/01/16 | Harmonics of a multilevel HVDC converter.pdf                        | 176  |
| 6706 | 29/12/15 | HF Hard-Switching Isolating DC-DC Converter.pdf                     | 409  |
| 6707 | 29/12/15 | HF Induction Cooking Applications.pdf                               | 678  |
| 6708 | 28/12/15 | High bandwidth current sensors for electromobility applications.pdf | 369  |
| 6709 | 28/12/15 | High Power Filter Inductors with Low Thermal Resistance.pdf         | 717  |
| 6710 | 08/01/16 | High Power IGCT based Multilevel Inverter.pdf                       | 178  |
| 6711 | 08/01/16 | High Reliability Design for Power Supply Capacitors.pdf             | 438  |
| 6712 | 08/01/16 | High Speed GaN Transistors Operating in Parallel.pdf                | 635  |
| 6713 | 08/01/16 | High voltage aluminum electrolytic capacitors.pdf                   | 246  |
| 6714 | 29/12/15 | High voltage gate driver IC family.pdf                              | 508  |
| 6715 | 30/12/15 | HiPak Module Platform with Improved Reliability.pdf                 | 645  |
| 6716 | 28/12/15 | HV power MOSFET working in UIS passive mode test.pdf                | 319  |
| 6717 | 29/12/15 | HV Semiconductor Stacks for Ultra-δHigh Current Commutation.pdf     | 493  |
| 6718 | 30/12/15 | HV-LV power conversion in electric-hybrid vehicles.pdf              | 636  |



|      |          |   |      |
|------|----------|---|------|
| 6719 | 29/12/15 | Hybrid Control of 2- and 3-Level Converters.pdf                   | 857  |
| 6720 | 08/01/16 | Hybrid substrate - A future material.pdf                          | 251  |
| 6721 | 29/12/15 | Identifying EMI sources in power switch commutation.pdf           | 347  |
| 6722 | 29/12/15 | IGBT Module Lifetime for EV Applications.pdf                      | 515  |
| 6723 | 30/12/15 | Impact of module parasitics on fast-switching devices.pdf         | 501  |
| 6724 | 30/12/15 | Improvement in switching characteristics of SiC Devices.pdf       | 268  |
| 6725 | 30/12/15 | Increasing the Efficiency of a Z-Source Inverter.pdf              | 181  |
| 6726 | 29/12/15 | Increasing the Speed of Switched Reluctance Machines.pdf          | 253  |
| 6727 | 30/12/15 | Induction generator with parallel excitation.pdf                  | 631  |
| 6728 | 29/12/15 | Inrush current limitation for LED power applications.pdf          | 486  |
| 6729 | 08/01/16 | Insulation capability of IGBT-MOSFET gate drivers.pdf             | 530  |
| 6730 | 30/12/15 | Integrated DC link capacitor bus & efficiency.pdf                 | 572  |
| 6731 | 08/01/16 | Integrated Motor and Resolver - Operational.pdf                   | 522  |
| 6732 | 29/12/15 | Intelligent Power Module for up to 4kW Motor Drives.pdf           | 368  |
| 6733 | 08/01/16 | Interleaved Switching of Symmetrical Six-Phase Drives.pdf         | 752  |
| 6734 | 30/12/15 | Investigation of SiC Stack and Discrete Cascodes.pdf              | 571  |
| 6735 | 08/01/16 | Lateral GaN Transistors - A Replacement for IGBT.pdf              | 627  |
| 6736 | 30/12/15 | Leveraging Bus Converters in Regulated DC-DC.pdf                  | 221  |
| 6737 | 08/01/16 | LF & HF Oscillations in IGBTs during Short Circuit.pdf            | 746  |
| 6738 | 30/12/15 | Lithium ion batteries balancing.pdf                               | 988  |
| 6739 | 29/12/15 | LLC Resonant Converter Light Load Mode.pdf                        | 391  |
| 6740 | 29/12/15 | Loss Analysis as a Figure of Merit for MOSFET.pdf                 | 205  |
| 6741 | 30/12/15 | Loss Prediction for Multi-Resonant Converter Optimization.pdf     | 239  |
| 6742 | 29/12/15 | Low inductance full SiC power module.pdf                          | 767  |
| 6743 | 29/12/15 | Low Loss MOSFET Intelligent Power Module.pdf                      | 245  |
| 6744 | 30/12/15 | Low weight low loss converter for railway.pdf                     | 160  |
| 6745 | 29/12/15 | Low-inductive compact SiC power modules.pdf                       | 1512 |
| 6746 | 29/12/15 | Low-Voltage DC-DC Converter at 2-5 MHz.pdf                        | 237  |
| 6747 | 28/12/15 | Low-Voltage DC-DC Converter for an FPGA.pdf                       | 669  |
| 6748 | 28/12/15 | Method to Predict ZVS Behavior of LLC Converters.pdf              | 432  |
| 6749 | 29/12/15 | Microstructural and mechanical analyses of Ag sintered joints.pdf | 1323 |
| 6750 | 28/12/15 | Modeling of softmagnetic composites.pdf                           | 542  |
| 6751 | 30/12/15 | Modular Multilevel Converter (CMMC) Charging System.pdf           | 348  |
| 6752 | 29/12/15 | Modular Multilevel Converter Power Modules.pdf                    | 332  |
| 6753 | 29/12/15 | Modular Multilevel Converters for HVDC Applications.pdf           | 334  |

|      |          |  |      |
|------|----------|--|------|
| 6754 | 30/12/15 | Modular Multilevel Parallel Converter (M2PC) for EV.pdf        | 479  |
| 6755 | 30/12/15 | Modulation strategy for a LLC resonant converter.pdf           | 911  |
| 6756 | 29/12/15 | MOSFET for DC Solid State Circuit Breakers.pdf                 | 302  |
| 6757 | 29/12/15 | MOSFET key parameters to improve EMI circuit behavior.pdf      | 638  |
| 6758 | 08/01/16 | Motor Drive Performance Using 600V GaN Cascode FETs.pdf        | 291  |
| 6759 | 29/12/15 | Multi Megahertz Buck Converters using eGaN FETs.pdf            | 3643 |
| 6760 | 08/01/16 | Multilevel Converter as High-Precision 3AC Voltage Source.pdf  | 668  |
| 6761 | 28/12/15 | Multiple Isolated Bias Rails for IGBT Inverters.pdf            | 620  |
| 6762 | 08/01/16 | New Open-Loop Current Transducers.pdf                          | 506  |
| 6763 | 29/12/15 | Next-gen IGBT module structure for hybrid vehicle.pdf          | 895  |
| 6764 | 29/12/15 | Non-destructive analysis of an IGBT.pdf                        | 261  |
| 6765 | 30/12/15 | Non-Isolated DC-DC Converters for High Power Applications.pdf  | 486  |
| 6766 | 29/12/15 | Nucleate Boiling for Electronic Cooling.pdf                    | 445  |
| 6767 | 28/12/15 | NZID (Near Zero Interlock Delay) driving principle.pdf         | 631  |
| 6768 | 28/12/15 | Online insulation condition monitoring of ac machines.pdf      | 784  |
| 6769 | 08/01/16 | On-line Tj monitoring sensor on VSI driver board.pdf           | 555  |
| 6770 | 30/12/15 | Operational Tests for the MMC-Based VSC Valves.pdf             | 587  |
| 6771 | 28/12/15 | Optimal PWM for Dimming Control of LED lamps.pdf               | 397  |
| 6772 | 30/12/15 | Optimal supercapacitors and batteries combination.pdf          | 255  |
| 6773 | 28/12/15 | Optimizing Power Consumption of Embedded Systems.pdf           | 249  |
| 6774 | 29/12/15 | Over Temperature Protection in Power Module.pdf                | 427  |
| 6775 | 28/12/15 | Over-Temperature protection for IGBT modules.pdf               | 375  |
| 6776 | 30/12/15 | Packages for Fast Switching HV GaN Power Devices.pdf           | 596  |
| 6777 | 30/12/15 | Packaging Technology for High Power IGBT Modules.pdf           | 912  |
| 6778 | 29/12/15 | P-channel Power MOSFETs in Linear Zone.pdf                     | 176  |
| 6779 | 30/12/15 | PFC Single Conversion Line Ripple Cancellation.pdf             | 661  |
| 6780 | 29/12/15 | Phase change thermal interface materials.pdf                   | 1016 |
| 6781 | 28/12/15 | Planar Transformer with Deep Interleave Flat Coil Windings.pdf | 2179 |
| 6782 | 30/12/15 | Power Loss Estimation in SiC Power BJTs.pdf                    | 327  |
| 6783 | 30/12/15 | Power Losses in Magnetic Materials & Datasheets.pdf            | 632  |
| 6784 | 30/12/15 | Power modules with planar interconnection for aerospace.pdf    | 291  |
| 6785 | 30/12/15 | Precision Battery Management with Active Balancing.pdf         | 439  |
| 6786 | 08/01/16 | Predictive Control with Imposed Target Dynamic.pdf             | 161  |
| 6787 | 08/01/16 | Predictive Deadbeat Power Control of PWM Rectifier.pdf         | 817  |
| 6788 | 08/01/16 | Proportional Driver for SiC BJT's in EV.pdf                    | 788  |

|      |          |  |      |
|------|----------|--|------|
| 6789 | 30/12/15 | PV buck converter for cell phone charging.pdf                          | 319  |
| 6790 | 30/12/15 | PV inverter requirement updated for LVRT capabilities.pdf              | 624  |
| 6791 | 28/12/15 | Quasi-Resonant 2-Switch Flyback Converter with large voltage range.pdf | 465  |
| 6792 | 30/12/15 | Radiated emissions of wireless energy transmission.pdf                 | 177  |
| 6793 | 29/12/15 | RC-IGBT in Full Size Converters for Wind Energy.pdf                    | 522  |
| 6794 | 08/01/16 | Real-time adjustable gate current control IC.pdf                       | 410  |
| 6795 | 08/01/16 | Real-Time Junction Temperature Measurement.pdf                         | 300  |
| 6796 | 29/12/15 | Rectifier systems - Dense and modular architecture.pdf                 | 475  |
| 6797 | 30/12/15 | Recursive dead time compensation techniques.pdf                        | 411  |
| 6798 | 28/12/15 | Regenerative Snubber Circuit.pdf                                       | 654  |
| 6799 | 29/12/15 | Reliability of Large Area Soldering Connections.pdf                    | 1183 |
| 6800 | 30/12/15 | Reliable & Fault-Tolerant DC-DC-Converter Structures.pdf               | 302  |
| 6801 | 30/12/15 | Resistorless Precharging of Boost PFCs by SCRs.pdf                     | 413  |
| 6802 | 08/01/16 | Resolving Design Trade-offs with the BIGT Concept.pdf                  | 291  |
| 6803 | 29/12/15 | Review of corrosion phenomena in microelectronics.pdf                  | 351  |
| 6804 | 30/12/15 | Saving money - SiC in UPS applications.pdf                             | 162  |
| 6805 | 08/01/16 | Scalable DC-Breaker for meshed HVDC Grids.pdf                          | 224  |
| 6806 | 08/01/16 | Sensorless Control of Permanent Magnet Linear Machines.pdf             | 311  |
| 6807 | 08/01/16 | Sensorless Vector Control of S-PMSM.pdf                                | 265  |
| 6808 | 29/12/15 | Series-Parallel Topology Wireless Power Transfer to Vehicles.pdf       | 1122 |
| 6809 | 29/12/15 | Short-Circuit robustness of a PT-IGBT.pdf                              | 326  |
| 6810 | 30/12/15 | SiC Hybrid Power Modules for Railway.pdf                               | 495  |
| 6811 | 29/12/15 | SiC Modular Multilevel Converters.pdf                                  | 1259 |
| 6812 | 29/12/15 | SiC Mosfet for high temperature motor drive.pdf                        | 742  |
| 6813 | 29/12/15 | SiC Onboard battery chargers in EV.pdf                                 | 731  |
| 6814 | 29/12/15 | SiC ZVS Clamped Voltage DC-DC Buck Converter.pdf                       | 546  |
| 6815 | 30/12/15 | SiC-JFET in half-bridge configuration - parasitic turn-on.pdf          | 1074 |
| 6816 | 30/12/15 | Si-IGBT Module with Advanced Structure.pdf                             | 297  |
| 6817 | 29/12/15 | Simple Nonlinear Passive PFC.pdf                                       | 674  |
| 6818 | 30/12/15 | Simulating Saturation Behavior of Inductive Components.pdf             | 243  |
| 6819 | 29/12/15 | Single phase line-interactive UPS system.pdf                           | 656  |
| 6820 | 28/12/15 | Size Reduction of a DC link Choke with Permanent Magnets.pdf           | 353  |
| 6821 | 30/12/15 | Soft Switching Flyback Topology.pdf                                    | 725  |
| 6822 | 29/12/15 | Soft- $\delta$ Switching Interleaved DC- $\delta$ DC Converter.pdf     | 443  |
| 6823 | 29/12/15 | Source and sink solution for batteries.pdf                             | 261  |

|      |                                       |  |      |
|------|---------------------------------------|--|------|
| 6824 | 29/12/15                              | Speed Estimation using Analysis of Stator Current.pdf          | 272  |
| 6825 | 29/12/15                              | SPICE Model for High-Voltage Super-Junction MOSFETs.pdf        | 1388 |
| 6826 | 29/12/15                              | ST Super-junction Technologies.pdf                             | 330  |
| 6827 | 29/12/15                              | Stabilization Methods for V-f controlled Induction Motor.pdf   | 360  |
| 6828 | 29/12/15                              | Study on fault-tolerant electrical drive.pdf                   | 366  |
| 6829 | 29/12/15                              | Switching characteristics of modern 6.5kV IGBT-Diode.pdf       | 1194 |
| 6830 | 29/12/15                              | Switching Losses Mechanisms of Unipolar Devices.pdf            | 147  |
| 6831 | 29/12/15                              | Switching SiC MOSFET without Ringing.pdf                       | 464  |
| 6832 | 30/12/15                              | Temperature Sensitive Parameters of IGBTs.pdf                  | 334  |
| 6833 | 29/12/15                              | Thermal performances in PQFN package vs. PCB.pdf               | 447  |
| 6834 | 28/12/15                              | Three-Phase Hybrid- Clamped Five-Level Inverter.pdf            | 348  |
| 6835 | 08/01/16                              | Thyristor Platform for UHVDC (1 MV) Transmission.pdf           | 324  |
| 6836 | 29/12/15                              | Transfer Mold MINI-DIIPM with Integrated BSD.pdf               | 357  |
| 6837 | 30/12/15                              | Transformers with integrated current doubler.pdf               | 377  |
| 6838 | 29/12/15                              | Turnkey Solution for PV Converter Controls.pdf                 | 395  |
| 6839 | 29/12/15                              | Two-Phase Cooling of Hot-Swappable Modules.pdf                 | 443  |
| 6840 | 28/12/15                              | Ultra High Voltage High Current Probe.pdf                      | 510  |
| 6841 | 08/01/16                              | Ultra High Voltage SiC Power Devices.pdf                       | 793  |
| 6842 | 30/12/15                              | Ultra Low Voltage DC-to-DC Converter for PV.pdf                | 224  |
| 6843 | 30/12/15                              | Ultracapacitor in the Renewable Energy Market.pdf              | 249  |
| 6844 | 08/01/16                              | Ultra-Low Loss 600V - 1200V GaN Power Transistors.pdf          | 543  |
| 6845 | 28/12/15                              | VCC-less RDS(on) Current Sensing Circuit.pdf                   | 200  |
| 6846 | 29/12/15                              | Versatile Intelligent Power Module (IPM) for EV.pdf            | 533  |
| 6847 | 08/01/16                              | Vertical Integration Power Modules.pdf                         | 552  |
| 6848 | 29/12/15                              | Vishay Dale WSBP8518 Intelligent Battery Sensor.pdf            | 356  |
| 6849 | 30/12/15                              | ZVS Resonant Full Bridge Converter using 1200V SiC MOSFETs.pdf | 501  |
| 6850 | <b>Conversion d'énergie\PCIM 2015</b> |  |      |
| 6851 | 03/02/16                              | 1 kW LLC Resonant Converter with HV GaN Switches.pdf           | 328  |
| 6852 | 02/02/16                              | 1,700V SiC MOSFET vs. Advanced Silicon Technology.pdf          | 318  |
| 6853 | 01/02/16                              | 1.2kW Redundant Parallel DC-DC Power Supplies.pdf              | 380  |
| 6854 | 03/02/16                              | 1000A 6.5kV Trench IGBT Module.pdf                             | 953  |
| 6855 | 04/02/16                              | 10kV SiC Power MOSFET and Diodes.pdf                           | 700  |
| 6856 | 04/02/16                              | 1200 V thinQ!T SiC Schottky Diode.pdf                          | 335  |
| 6857 | 03/02/16                              | 1200V High Voltage Integrated Circuit.pdf                      | 1122 |
| 6858 | 01/02/16                              | 130 W Series Resonant Converter with Output Filter.pdf         | 268  |

|      |          |  |      |
|------|----------|--|------|
| 6859 | 02/02/16 | 1700V Hybrid Module with Si-IGBT & SiC-SBD.pdf                   | 220  |
| 6860 | 03/02/16 | 22 kW Bidirectional Inductive Charger.pdf                        | 316  |
| 6861 | 03/02/16 | 3.6kW DC-DC with Optimized Mounting.pdf                          | 788  |
| 6862 | 12/01/16 | 3D electro-thermal simulation of MOSFET.pdf                      | 257  |
| 6863 | 03/02/16 | 3D Identification of a Power Transformer.pdf                     | 556  |
| 6864 | 04/02/16 | 4.5kV IGBT Module with Low Power Loss.pdf                        | 717  |
| 6865 | 02/02/16 | 50 kW SiC Three-Phase AC-DC Converter.pdf                        | 454  |
| 6866 | 19/01/16 | 750V IGBT and emitter controlled diode.pdf                       | 247  |
| 6867 | 02/02/16 | 7th Generation IGBT Module.pdf                                   | 629  |
| 6868 | 02/02/16 | 800A-750V IGBT Module technology for Automotive.pdf              | 766  |
| 6869 | 12/01/16 | AC- and DC-Power Quality of diode rectifiers.pdf                 | 395  |
| 6870 | 12/01/16 | AC line fault characteristics of an HVDC link.pdf                | 477  |
| 6871 | 01/02/16 | AC-DC Modular Cascaded Multilevel Converter.pdf                  | 484  |
| 6872 | 04/02/16 | Achieving Unity Power Factor.pdf                                 | 450  |
| 6873 | 01/02/16 | Active power cycling results.pdf                                 | 946  |
| 6874 | 01/02/16 | Actuator topologies for an EGR system.pdf                        | 423  |
| 6875 | 04/02/16 | Analysis of a Boost-Buck Single Stage LED-Ballast.pdf            | 296  |
| 6876 | 04/02/16 | Automotive Market Opportunity for GaN.pdf                        | 358  |
| 6877 | 04/02/16 | Automotive Traction Inverter for Highest Power Density.pdf       | 543  |
| 6878 | 04/02/16 | Avalanche in High Voltage Diodes during Short Circuit.pdf        | 471  |
| 6879 | 01/02/16 | Bi-directional 2 Level 6-phase DC-DC Converter.pdf               | 459  |
| 6880 | 02/02/16 | Bidirectional 3-Phase AC-DC Converter.pdf                        | 299  |
| 6881 | 01/02/16 | Bidirectional Current-sensorless High Power Factor Corrector.pdf | 713  |
| 6882 | 03/02/16 | Bipolar Semiconductors for Very High Power Applications.pdf      | 488  |
| 6883 | 02/02/16 | Blocking Stability of SiC Schottky Diodes.pdf                    | 533  |
| 6884 | 05/02/16 | Bonded aluminum substrates for SiC modules.pdf                   | 1297 |
| 6885 | 03/02/16 | Bonding Technology for High Temperature.pdf                      | 2275 |
| 6886 | 01/02/16 | Bridgeless Totem Pole PFC based on GaN HEMT.pdf                  | 398  |
| 6887 | 12/01/16 | Calculation of losses of electrical steel inductors.pdf          | 414  |
| 6888 | 02/02/16 | Carrier Signal Based Sensorless Control.pdf                      | 579  |
| 6889 | 01/02/16 | Cascaded Multilevel Converter for Fault Ride-Through Tests.pdf   | 283  |
| 6890 | 04/02/16 | Challenges of Power Electronics for PV-Inverters.pdf             | 768  |
| 6891 | 05/02/16 | Characterization of 1.2kV Silicon Carbide (SiC).pdf              | 649  |
| 6892 | 02/02/16 | Class-D Audio Power Stage using SiC Switches.pdf                 | 311  |
| 6893 | 01/02/16 | Closed-Loop Hybrid Output Voltage Filter.pdf                     | 435  |

|      |          |  |      |
|------|----------|--|------|
| 6894 | 12/01/16 | Combined PV and Battery Sources.pdf                                | 235  |
| 6895 | 04/02/16 | Compact medium frequency transformers.pdf                          | 281  |
| 6896 | 02/02/16 | Compact Power Module for Traction Inverters.pdf                    | 421  |
| 6897 | 01/02/16 | Comparison of Quasi-Z-Source and Two-Stage Inverter for PV.pdf     | 438  |
| 6898 | 04/02/16 | Compliance between eGaN FET and MOSFET in ZVS Class D Amp.pdf      | 248  |
| 6899 | 03/02/16 | Configurable Electric Vehicle (CEV) demonstrator.pdf               | 607  |
| 6900 | 02/02/16 | Constraints replacing IGBTs with SiC MOSEFTs.pdf                   | 239  |
| 6901 | 05/02/16 | Control Method for a Reverse Conducting IGBT.pdf                   | 646  |
| 6902 | 12/01/16 | Control of grid connected converter.pdf                            | 387  |
| 6903 | 02/02/16 | Correlating NTC-Reading and Chip-Temperature.pdf                   | 232  |
| 6904 | 03/02/16 | Cosmic Ray Failures of Power Modules.pdf                           | 838  |
| 6905 | 03/02/16 | Current during breakdown of Floating Field Ring.pdf                | 945  |
| 6906 | 04/02/16 | Current Harmonics in Inverter-Fed Permanent Magnet.pdf             | 336  |
| 6907 | 03/02/16 | Current-Injection Based Design for HVDC Circuit Breakers.pdf       | 157  |
| 6908 | 04/02/16 | DC Micro Grid Control System.pdf                                   | 553  |
| 6909 | 01/02/16 | DC-DC Half-Bridge Converter Working at Constant Frequency.pdf      | 322  |
| 6910 | 01/02/16 | DC-DC step up converter in PV plants.pdf                           | 275  |
| 6911 | 12/01/16 | Degradation from metallized polymer film capacitors.pdf            | 783  |
| 6912 | 12/01/16 | Derivative Current with Closed Loop Hall-Effect Current Sensor.pdf | 521  |
| 6913 | 01/02/16 | Design and Evaluation of Gate Drivers of SiC MOSFET.pdf            | 625  |
| 6914 | 02/02/16 | Development of 650V Cascode GaN Technology.pdf                     | 743  |
| 6915 | 01/02/16 | Digital Controlled Bridgeless Boost PFC.pdf                        | 685  |
| 6916 | 04/02/16 | Digital Power Conversion.pdf                                       | 432  |
| 6917 | 03/02/16 | Double Sided Cooled Module concept for HEV.pdf                     | 861  |
| 6918 | 12/01/16 | Doubly fed induction generators during grid faults.pdf             | 656  |
| 6919 | 02/02/16 | Drivers for SiC-BJTs, Si-IGBTs and SiCMOSFETs.pdf                  | 296  |
| 6920 | 12/01/16 | Dry Film AC Filter Capacitor without Catastrophic Failures.pdf     | 253  |
| 6921 | 04/02/16 | Dual fed, step up converter topology.pdf                           | 503  |
| 6922 | 12/01/16 | Dual magnetic cores for open loop Hall-Effect current sensors.pdf  | 201  |
| 6923 | 02/02/16 | Dual side cooling package DSOP Advance.pdf                         | 477  |
| 6924 | 02/02/16 | Dual-sided Cooling for Automotive Inverters.pdf                    | 479  |
| 6925 | 04/02/16 | Dynamic avalanche of HV-IGBTs.pdf                                  | 840  |
| 6926 | 02/02/16 | Dynamic Ron Extraction of GaN Power HEMTs.pdf                      | 2889 |
| 6927 | 01/02/16 | Dynamic Two Stage Bus Architecture.pdf                             | 395  |
| 6928 | 01/02/16 | Effects of Turbulence Frequency on MPPT of Wind Turbine.pdf        | 188  |

|      |          |   |      |
|------|----------|---|------|
| 6929 | 02/02/16 | Eighth-brick DC-DC Converter with GaN FETs.pdf                  | 686  |
| 6930 | 19/01/16 | Electric Water Pump operation plan for EV.pdf                   | 699  |
| 6931 | 05/02/16 | Electrochemical Battery Managements - Chatroux.pdf              | 852  |
| 6932 | 04/02/16 | Electronic Topologies for Inductive Power Transfer.pdf          | 237  |
| 6933 | 12/01/16 | EMI Receiver in Time Domain Using PLECS.pdf                     | 467  |
| 6934 | 01/02/16 | EMI Reduction for Smart Power Switches.pdf                      | 468  |
| 6935 | 05/02/16 | End-of-life of XT interconnect technology.pdf                   | 558  |
| 6936 | 04/02/16 | Enhancement-Mode GaN Transistors in Automotive.pdf              | 226  |
| 6937 | 04/02/16 | Equivalent Circuit Parameters in Large-Air-Gap Transformers.pdf | 166  |
| 6938 | 04/02/16 | Evaluation of Multi-Axis Control Systems.pdf                    | 263  |
| 6939 | 04/02/16 | Failure Mechanisms in Active Power Cycle Testing.pdf            | 505  |
| 6940 | 12/01/16 | Fast Close SwitchGear for Series Convertors.pdf                 | 182  |
| 6941 | 01/02/16 | Fault tolerant communication interface.pdf                      | 175  |
| 6942 | 04/02/16 | Five-Level NPC PV Inverter.pdf                                  | 455  |
| 6943 | 03/02/16 | Five-phase open-end winding drives performance.pdf              | 1658 |
| 6944 | 19/01/16 | Flywheels and Matrix Converters Energy Storage.pdf              | 472  |
| 6945 | 04/02/16 | Freewheeling Diode-Less SiC-Inverter.pdf                        | 1529 |
| 6946 | 12/01/16 | Frequency Converter Driving 2 Induction Generators.pdf          | 349  |
| 6947 | 03/02/16 | Frequency Multiplying Circuit with Soft-Switching.pdf           | 803  |
| 6948 | 05/02/16 | Future Trend of Power Semiconductor Devices.pdf                 | 409  |
| 6949 | 04/02/16 | GaN, SiC and Superjunction in 1 MHz LLC converter.pdf           | 418  |
| 6950 | 03/02/16 | Gate Voltage Oscillations during IGBT Short Circuit.pdf         | 372  |
| 6951 | 01/02/16 | Heating of objects in H field of wireless power.pdf             | 437  |
| 6952 | 03/02/16 | High Accuracy Current Transducer.pdf                            | 438  |
| 6953 | 02/02/16 | High Efficiency & Dynamic Bidirectional DC-DC Converter.pdf     | 935  |
| 6954 | 02/02/16 | High Frequency SiC Majority Carrier Modules.pdf                 | 797  |
| 6955 | 02/02/16 | High Power LV NPC Converter for Wind Turbines.pdf               | 633  |
| 6956 | 03/02/16 | High Power, High Frequency Magnetics.pdf                        | 409  |
| 6957 | 04/02/16 | High Step-down Multiphase Buck Converter.pdf                    | 653  |
| 6958 | 02/02/16 | High temperature reliability of power module substrates.pdf     | 1096 |
| 6959 | 04/02/16 | High voltage module with low internal inductance.pdf            | 1059 |
| 6960 | 03/02/16 | High-efficiency Three-level Inverter Using GaN HEMTs.pdf        | 525  |
| 6961 | 12/01/16 | Highly Efficient Inductive Power Transfer (IPT).pdf             | 328  |
| 6962 | 01/02/16 | High-Power 5-Level Flying Capacitor.pdf                         | 514  |
| 6963 | 01/02/16 | High-Side Driving under High-Switching Speed.pdf                | 431  |

|      |          |   |      |
|------|----------|---|------|
| 6964 | 04/02/16 | Hot-Swappable MV Multi-Level Converter.pdf                | 717  |
| 6965 | 03/02/16 | HV Power MOSFETs working in Linear Zone.pdf               | 162  |
| 6966 | 02/02/16 | HVIGBT module design against high humidity.pdf            | 170  |
| 6967 | 01/02/16 | HydroSinkT to cool power electronics.pdf                  | 727  |
| 6968 | 02/02/16 | IGBT Module with Insulated Metal Baseplate (IMB).pdf      | 289  |
| 6969 | 02/02/16 | IGBT Power Module Concept for NPC Wind Power.pdf          | 562  |
| 6970 | 04/02/16 | IGBT Series Connection in 1500 V PV inverters.pdf         | 2055 |
| 6971 | 12/01/16 | Implementation of flicker meter.pdf                       | 339  |
| 6972 | 04/02/16 | Improve the Performance of Inductive Current Sensors.pdf  | 428  |
| 6973 | 01/02/16 | Improvement of Dynamic Voltage Restorer.pdf               | 190  |
| 6974 | 03/02/16 | Increase Power Density in induction cooking.pdf           | 305  |
| 6975 | 02/02/16 | Increased power density with 5th generation IGBT.pdf      | 390  |
| 6976 | 12/01/16 | Influence of magnetic materials characteristic.pdf        | 410  |
| 6977 | 01/02/16 | InFORMS© vs the Trimmed Wirebond Technique.pdf            | 340  |
| 6978 | 04/02/16 | Innovative Gate Charge Measurement Technique.pdf          | 191  |
| 6979 | 04/02/16 | Integrated Battery Management System.pdf                  | 904  |
| 6980 | 02/02/16 | Integrated Liquid Cooling Automotive IGBT Module.pdf      | 421  |
| 6981 | 02/02/16 | Inverter Design Supporting MW-Applications.pdf            | 603  |
| 6982 | 04/02/16 | Junction Temperature Measurement using TJ-IGBT-Driver.pdf | 977  |
| 6983 | 01/02/16 | Kelvin Source connection for High Current IGBTs.pdf       | 457  |
| 6984 | 03/02/16 | Large Area Embedded GaN Power Transistors.pdf             | 422  |
| 6985 | 01/02/16 | Laser Impulse Metal Bonding with Power Modulation.pdf     | 444  |
| 6986 | 02/02/16 | Lifetime estimation of SiC MOSFETs.pdf                    | 613  |
| 6987 | 12/01/16 | Line Current by LED Lamps less 25 Watt.pdf                | 1063 |
| 6988 | 02/02/16 | Low inductive 3.3kV half bridge IGBT module.pdf           | 649  |
| 6989 | 02/02/16 | Low Inductive Integrated DC-link Capacitor-Bus.pdf        | 614  |
| 6990 | 04/02/16 | Low inductive phase-leg IGBT module.pdf                   | 954  |
| 6991 | 04/02/16 | Low Loss Thyristor for HVDC Transmission.pdf              | 322  |
| 6992 | 04/02/16 | Low Temperature Sintering of Silver Paste.pdf             | 509  |
| 6993 | 12/01/16 | Low-Voltage Three Level NPC Converter.pdf                 | 650  |
| 6994 | 12/01/16 | Magnetically Biased High Power Coil Module.pdf            | 443  |
| 6995 | 01/02/16 | Maximum power efficiency tracking for PFC.pdf             | 80   |
| 6996 | 04/02/16 | Measurement of junction temperature.pdf                   | 506  |
| 6997 | 04/02/16 | Measuring the IGBT On-State Saturation Voltage.pdf        | 412  |
| 6998 | 01/02/16 | Mechanical Stability of Heavy Cu Wire Bonds.pdf           | 326  |



|      |          |  |      |
|------|----------|--|------|
| 6999 | 05/02/16 | Metastable NiSn4 in Sn-3.5Ag-ENIG joints.pdf                     | 2547 |
| 7000 | 01/02/16 | Minibloc SiC-MOSFET in a resonant Half-Bridge Inverter.pdf       | 525  |
| 7001 | 02/02/16 | Mission-specific aging of Power Modules.pdf                      | 451  |
| 7002 | 12/01/16 | Modeling Methods for Harmonic Stability Analysis.pdf             | 287  |
| 7003 | 01/02/16 | Modular 25 kW motor-inverter drive train.pdf                     | 482  |
| 7004 | 01/02/16 | Modular array of single super capacitor cells.pdf                | 250  |
| 7005 | 04/02/16 | Modular integrated machine - Inverter system.pdf                 | 597  |
| 7006 | 03/02/16 | Modular Multilevel Matrix Converter for Drive.pdf                | 649  |
| 7007 | 02/02/16 | Monolithic Integration of GaN Transistors.pdf                    | 506  |
| 7008 | 03/02/16 | Most efficient DC-DC converters in HVDC grids.pdf                | 245  |
| 7009 | 01/02/16 | Multiphase interleaved-switched inverter.pdf                     | 626  |
| 7010 | 04/02/16 | MV Converter with High Voltage SiC Devices.pdf                   | 428  |
| 7011 | 04/02/16 | Nanocrystalline Materials for CM Chokes and Transformers.pdf     | 339  |
| 7012 | 02/02/16 | Need for SiC SDB in parallel with SiC MOSFETs.pdf                | 584  |
| 7013 | 04/02/16 | New High Power Density Package Technology.pdf                    | 619  |
| 7014 | 02/02/16 | New Transfer-Molded SLIMDIP.pdf                                  | 352  |
| 7015 | 03/02/16 | Normally-on SiC-JFET Cascode under ZVS conditions.pdf            | 558  |
| 7016 | 01/02/16 | On-line Process Control with Thermography.pdf                    | 947  |
| 7017 | 12/01/16 | Open Framework for Multi Criteria Optimization.pdf               | 776  |
| 7018 | 12/01/16 | Optical Reflective Gear Tooth Sensor.pdf                         | 422  |
| 7019 | 01/02/16 | Overview of the six phase VSI control techniques.pdf             | 286  |
| 7020 | 05/02/16 | Packaging and Reliability of Power Modules.pdf                   | 2657 |
| 7021 | 04/02/16 | Parallel Hybrid Three-Phase Inverter.pdf                         | 572  |
| 7022 | 02/02/16 | Paralleling SiC MOSFETs in multichip power modules.pdf           | 652  |
| 7023 | 03/02/16 | Parameter extraction of electro-thermal SPICE models.pdf         | 550  |
| 7024 | 04/02/16 | Parameter identification method for induction machines.pdf       | 447  |
| 7025 | 04/02/16 | Parasitics in Power Electronic Modules.pdf                       | 383  |
| 7026 | 02/02/16 | Paste Based Thin-Film Sn-Cu TLPS Joints for High Temperature.pdf | 383  |
| 7027 | 01/02/16 | Performance of power semiconductor devices.pdf                   | 518  |
| 7028 | 12/01/16 | Phase Currents for HF 3 Phase Inductors.pdf                      | 970  |
| 7029 | 12/01/16 | Photovoltaic - Wind Energy Hybrid System.pdf                     | 665  |
| 7030 | 12/01/16 | PMSM Position Sensorless Vector Control.pdf                      | 217  |
| 7031 | 03/02/16 | Potential of RC-IGBTs in Three Phase Three Level Converters.pdf  | 87   |
| 7032 | 03/02/16 | Power Electronics Based HVDC Breaker.pdf                         | 254  |
| 7033 | 12/01/16 | Power Losses of Wind Turbine Three Phase Rectifier.pdf           | 282  |

|      |          |   |      |
|------|----------|---|------|
| 7034 | 02/02/16 | Power Module Boasts highest power density.pdf                   | 294  |
| 7035 | 19/01/16 | Power Module for EV-HEV Inverters.pdf                           | 296  |
| 7036 | 01/02/16 | Power MOSFET selection for bridge motor control.pdf             | 1147 |
| 7037 | 01/02/16 | Power Regeneration System for Voltage Source Converters.pdf     | 352  |
| 7038 | 03/02/16 | Power Single-Stage LED Driver with 1200V SiC MOSFET.pdf         | 616  |
| 7039 | 03/02/16 | Power-module optimizations for fast switching.pdf               | 568  |
| 7040 | 04/02/16 | PrimePACKT package to lever IGBT5.pdf                           | 442  |
| 7041 | 04/02/16 | Progress of GaN Transistors for Automotive.pdf                  | 277  |
| 7042 | 02/02/16 | Prospects and Challenges of SiC Technology.pdf                  | 583  |
| 7043 | 12/01/16 | Radiated EMI Characteristics of Power Circuits.pdf              | 520  |
| 7044 | 04/02/16 | Real-Time Model of a Switched Reluctance Motor.pdf              | 243  |
| 7045 | 04/02/16 | Reducing Inductor Size in HF Grid Inverters.pdf                 | 420  |
| 7046 | 02/02/16 | Relevance of Digital Control in Server.pdf                      | 312  |
| 7047 | 02/02/16 | Reverse-recovery of SiC MOSFET & Dead-Time.pdf                  | 205  |
| 7048 | 03/02/16 | Robust SiC Schottky-Barrier Diode Rectifiers.pdf                | 522  |
| 7049 | 04/02/16 | Robustness in short-circuit of SiC MOSFETs.pdf                  | 329  |
| 7050 | 05/02/16 | Robustness of level shifter gate driver ICs.pdf                 | 351  |
| 7051 | 12/01/16 | Sensorless Control of Wound Field Synchronous Machines.pdf      | 437  |
| 7052 | 12/01/16 | Shielded and not-shielded motor cable.pdf                       | 852  |
| 7053 | 02/02/16 | Short Circuit Protection for DIPIPM.pdf                         | 356  |
| 7054 | 04/02/16 | Short-circuit benchmarking SiC and GaN.pdf                      | 378  |
| 7055 | 03/02/16 | SiC HV power MOSFETs to terrestrial Neutrons.pdf                | 391  |
| 7056 | 04/02/16 | SiC-BJTs Temperature Estimation.pdf                             | 843  |
| 7057 | 02/02/16 | SiC-MOSFETs Switching Frequencies up to 1 MHz.pdf               | 924  |
| 7058 | 04/02/16 | Simulating Saturation Behavior of Common Mode Chokes.pdf        | 473  |
| 7059 | 01/02/16 | Simulation model for a hybrid power generation system.pdf       | 1036 |
| 7060 | 12/01/16 | Single Phase Solar Inverter without Electrolytic Capacitors.pdf | 611  |
| 7061 | 01/02/16 | Single-phase inverter for an autonomous small PV system.pdf     | 877  |
| 7062 | 04/02/16 | Single-Phase MISO HF-link Isolated Grid Inverter.pdf            | 343  |
| 7063 | 05/02/16 | Sintered Ag Die Attachment with SiC Particles.pdf               | 688  |
| 7064 | 01/02/16 | Slew rate control of discrete IGBT and CoolMOS.pdf              | 407  |
| 7065 | 04/02/16 | Smart Inverters for Utility and Industry.pdf                    | 338  |
| 7066 | 04/02/16 | Smart Stator Tooth Design for EV.pdf                            | 693  |
| 7067 | 02/02/16 | Sn+ Heat-Spring© Solder TIMs.pdf                                | 244  |
| 7068 | 02/02/16 | Snubber circuit to suppress SiC voltage ringing.pdf             | 345  |

|      |          |   |      |
|------|----------|---|------|
| 7069 | 01/02/16 | Soft Switching Bidirectional DC-DC Converter.pdf                | 586  |
| 7070 | 02/02/16 | Software defined digital power conversion.pdf                   | 404  |
| 7071 | 12/01/16 | Solid-State Damping Resistor for HVDC Application.pdf           | 502  |
| 7072 | 03/02/16 | Space Vector PWM Scheme for Two-Level Inverter.pdf              | 3887 |
| 7073 | 04/02/16 | Speed variable generator system.pdf                             | 1513 |
| 7074 | 03/02/16 | SPICE Macro Model with Thermal and Heating effects for SiC.pdf  | 742  |
| 7075 | 04/02/16 | Stabilization of Distributed and Centralized DC Micro Grids.pdf | 557  |
| 7076 | 04/02/16 | Structure of a multi-phase industrial servo drive.pdf           | 454  |
| 7077 | 03/02/16 | Study of a ZVS SiC Boost with Active Snubber.pdf                | 235  |
| 7078 | 03/02/16 | Super Junction MOSFET Intelligent Power Module.pdf              | 240  |
| 7079 | 03/02/16 | Surge Current Behaviour of Different IGBT Designs.pdf           | 1482 |
| 7080 | 04/02/16 | Switched Reluctance Machine for EV.pdf                          | 799  |
| 7081 | 01/02/16 | Switching Behaviour of 650 V GaN Semiconductors.pdf             | 365  |
| 7082 | 02/02/16 | Switching Characteristics of Cascode GaN Switches.pdf           | 532  |
| 7083 | 03/02/16 | Switching Performance of Gallium Nitride HEMT.pdf               | 238  |
| 7084 | 12/01/16 | Synchrogenverter - Novel Hybrid Generator.pdf                   | 816  |
| 7085 | 02/02/16 | The Cross Switch "XS" Silicon and Silicon Carbide.pdf           | 806  |
| 7086 | 03/02/16 | Theoretical Loss Analysis of Power Converters.pdf               | 190  |
| 7087 | 01/02/16 | Thermal Impedance & Temperature Calculations.pdf                | 320  |
| 7088 | 01/02/16 | Thermal management for H bridge.pdf                             | 545  |
| 7089 | 19/01/16 | Thermal Optimization within Power Packages.pdf                  | 348  |
| 7090 | 03/02/16 | Thermally Optimized Filter Inductors for a 1MW Windmill.pdf     | 490  |
| 7091 | 01/02/16 | Thick Printed Copper for Power Electronics Substrate.pdf        | 1450 |
| 7092 | 01/02/16 | Three-Level Active Neutral Point Clamped Inverter.pdf           | 328  |
| 7093 | 01/02/16 | Three-level medium-voltage NPC inverter.pdf                     | 352  |
| 7094 | 04/02/16 | Three-Phase Three-level AC Boost Rectifier.pdf                  | 310  |
| 7095 | 01/02/16 | Topology of DC-Side-Enhanced Passive Rectifier Circuits.pdf     | 785  |
| 7096 | 03/02/16 | Two-Level and Three-Level Voltage Source Converters.pdf         | 449  |
| 7097 | 02/02/16 | Ultra-compact SiC power module.pdf                              | 180  |
| 7098 | 12/01/16 | Ultra-fast Inverter Switching Transition.pdf                    | 478  |
| 7099 | 04/02/16 | Universal Power Conversion for Small Cell Stations.pdf          | 457  |
| 7100 | 01/02/16 | Using Optocouplers in IGBT Protections.pdf                      | 528  |
| 7101 | 04/02/16 | Using the Zth(t) - power pulse measurement.pdf                  | 576  |
| 7102 | 04/02/16 | Very Fast Switching Module for SiC MOSFETs.pdf                  | 607  |
| 7103 | 04/02/16 | Voltage Balancing in Multilevel-Converter UPS.pdf               | 237  |

|      |  |  |      |
|------|--|--|------|
| 7104 | 03/02/16   | ZVS Buck-Boost DC-DC Converters Control.pdf              | 269  |
| 7105 | 03/02/16   | S <sup>2</sup> -conversion Used for Motor Control.pdf    | 295  |
| 7106 | <b>Conversion d'énergie\PFCs</b>                       |  |      |
| 7107 | 17/10/14   | AC Harmonics Effects on Small Power Supplies.pdf         | 275  |
| 7108 | 03/03/14   | Advanced Digital PFC Control 2.pdf                       | 434  |
| 7109 | 03/03/14   | Advanced Digital PFC Control.pdf                         | 1446 |
| 7110 | 13/11/14   | Bridgeless PFC with standard PFC Controller.pdf          | 170  |
| 7111 | 04/05/12   | Buck Power Factor Correction.pdf                         | 760  |
| 7112 | 13/10/09   | CM Interleaved Multi-channel PFC.pdf                     | 194  |
| 7113 | 31/08/07   | CM Noise Reduction for PFC.pdf                           | 219  |
| 7114 | 13/10/09   | Conducted EMI issues in a boost PFC.pdf                  | 529  |
| 7115 | 29/07/09   | Conducted EMI Issues in a PFC.pdf                        | 353  |
| 7116 | 13/01/14   | Conducted EMI Prediction of the PFC Converter.pdf        | 686  |
| 7117 | 04/01/10   | Continuous Mode Boost PFC.pdf                            | 445  |
| 7118 | 12/11/09   | Design of a Boost PFC.pdf                                | 2243 |
| 7119 | 13/10/09   | Improving the Boost PFC EMI Filters.pdf                  | 415  |
| 7120 | 16/10/12   | Interleaved Boost PFC in Critical Mode.pdf               | 826  |
| 7121 | 25/07/08   | Interleaved PFC Preregulator.pdf                         | 160  |
| 7122 | 04/02/10   | IPEM Based High Frequency PFC.pdf                        | 209  |
| 7123 | 13/10/09   | Novel boost PFC with low CM EMI.pdf                      | 204  |
| 7124 | 04/01/10   | Passive PFC for Flyback.pdf                              | 127  |
| 7125 | 31/08/07   | PFC Switching Frequency Modulation.pdf                   | 349  |
| 7126 | 28/07/05   | Unitrode PFC ZVS.pdf                                     | 1675 |
| 7127 | <b>Conversion d'énergie\Quasi-résonance flyback</b>    |  |      |
| 7128 | 22/01/15   | Behavior of a Quasi-Resonant Flyback Converter.pdf       | 684  |
| 7129 | 30/06/04   | Fairchild AN-4108.pdf                                    | 288  |
| 7130 | 22/01/15   | Inner Behavior of a Quasi-Resonant Flyback Converter.pdf | 499  |
| 7131 | 30/06/04   | ON quasi-resonance.pdf                                   | 687  |
| 7132 | 30/06/04   | ON quasi-resonant flyback AND8129.pdf                    | 256  |
| 7133 | 03/03/14   | Quasi-Resonant Flyback Converter 2.pdf                   | 499  |
| 7134 | 03/03/14   | Quasi-Resonant Flyback Converter.pdf                     | 684  |
| 7135 | 17/05/13   | Recover Flyback leakage energy.pdf                       | 894  |
| 7136 | 30/06/04   | SOFT-SWITCHING DC-DC CONVERTERS.pdf                      | 341  |
| 7137 | 30/06/04   | ST L6565 Quasi-Resonant Controller.pdf                   | 417  |
| 7138 | <b>Conversion d'énergie\Susceptibilité et immunité</b> |  |      |

|      |   |  |     |
|------|---|--|-----|
| 7139 | 24/12/04  | Power quality & Sensitive equipments.pdf | 364 |
| 7140 | 03/12/05  | Power Supply Immunity.pdf                | 749 |
| 7141 | 19/08/05  | Protection des variateurs.pdf            | 510 |
| 7142 | 29/10/08  | Step-Down Converter Susceptibility.pdf   | 317 |
| 7143 | <b>Conversion d'énergie\Variateurs de vitesse</b> |  |     |
| 7144 | 04/12/05  | adjustable-speed drives.pdf              | 789 |
| 7145 | 01/09/07  | CM in Variable-Speed Drives.pdf          | 798 |
| 7146 | 21/03/04  | Courants dans un variateur.pdf           | 150 |
| 7147 | 16/08/06  | CT Installer's Guide.pdf                 | 205 |
| 7148 | 21/08/05  | Driver EMC.pdf                           | 201 |
| 7149 | 19/08/09  | Real World ASD Interference.pdf          | 835 |
| 7150 | 28/02/04  | Variable speed drives.pdf                | 401 |

7151

7152

## Décharge électrostatique (ESD)

7153

|      |  |   |      |
|------|--|---|------|
| 7154 | <b>Décharge électrostatique (ESD)\Analyse de DES et des effets</b> |   |      |
| 7155 | 28/10/07   | ESD from Voluminous Objects.pdf                       | 323  |
| 7156 | 27/07/15   | ESD Influence on ICs.pdf                              | 722  |
| 7157 | 12/10/09   | ESD Transient Electrothermal Analysis.pdf             | 634  |
| 7158 | 25/12/08   | EUT Failures and ESD Parameters.pdf                   | 360  |
| 7159 | 05/08/15   | On the significance of Machine Model.pdf              | 174  |
| 7160 | 26/03/07   | Root Cause of an ESD Upset.pdf                        | 732  |
| 7161 | 20/08/09   | Spark Discharge from a Metal Sphere.pdf               | 179  |
| 7162 | 05/08/08   | Unusual ESD and their effects.pdf                     | 1053 |
| 7163 | <b>Décharge électrostatique (ESD)\Audits anti-DES et formation</b> |   |      |
| 7164 | 06/11/05   | 61340-5-1{Ed1.0}F98.pdf                               | 504  |
| 7165 | 20/04/04   | 61340-5-2{Ed1.0}F99.pdf                               | 181  |
| 7166 | 14/12/05   | ANSI-ESD S2020-1999.pdf                               | 148  |
| 7167 | 06/11/05   | Caractéristiques d'emballage.pdf                      | 9    |
| 7168 | 06/11/05   | Certificat de conformité EPA.pdf                      | 6    |
| 7169 | 05/11/05   | COMNAVAIRFORINST 4790.2 - Vol V.pdf                   | 1378 |
| 7170 | 10/11/05   | Eléments de protection contre DES.doc                 | 35   |
| 7171 | 06/11/05   | Eléments de protection contre DES.pdf                 | 16   |
| 7172 | 13/11/05   | ESD Marine Aviation Training.pdf                      | 109  |
| 7173 | 24/07/15   | ESD Training and Compliance Verification Auditing.pdf | 231  |

|      |  |  |      |
|------|--|--|------|
| 7174 | 06/11/05   | Exemples d'étiquettes normalisées.pdf                | 51   |
| 7175 | 07/11/05   | Facility Certification Flyer.pdf                     | 136  |
| 7176 | 10/11/05   | Formulaire d'audit.doc                               | 111  |
| 7177 | 06/11/05   | Formulaire d'audit.pdf                               | 17   |
| 7178 | 13/11/05   | JESD625-A .pdf                                       | 150  |
| 7179 | 10/02/09   | Lesson Guide G-13 ESD - EMI.pdf                      | 156  |
| 7180 | 10/11/05   | Méthodes d'essai.doc                                 | 52   |
| 7181 | 06/11/05   | Méthodes d'essai.pdf                                 | 12   |
| 7182 | 27/07/15   | Perfect ESD Audit for S2020 Control Programs.pdf     | 400  |
| 7183 | 10/11/05   | Standards Summary Tables.pdf                         | 45   |
| 7184 | 29/07/15   | Training and Compliance Verification Auditing.pdf    | 200  |
| 7185 | 27/05/10   | Trame d'audit DES.doc                                | 159  |
| 7186 | 27/07/15   | Understanding Static Electricity Hazards Symbols.pdf | 313  |
| 7187 | <b>Décharge électrostatique (ESD)\Bases et phénomènes fondamentaux</b> |  |      |
| 7188 | 29/07/15   | An Introduction to ESD.pdf                           | 272  |
| 7189 | 29/07/15   | Basic ESD Control Procedures and Materials.pdf       | 309  |
| 7190 | 11/12/06   | Basic Principles of ESD.pdf                          | 72   |
| 7191 | 27/07/15   | Device Sensitivity and Testing.pdf                   | 193  |
| 7192 | 16/03/12   | ED874 Electricité statique.pdf                       | 4650 |
| 7193 | 17/06/04   | ELECTRIC FIELDS, STATIC DAMAGE.pdf                   | 203  |
| 7194 | 21/08/09   | Electrostatic Discharge Phenomenon.pdf               | 101  |
| 7195 | 30/12/06   | ESD & Unshielded Twisted Pairs.pdf                   | 218  |
| 7196 | 14/10/08   | ESD Basics.pdf                                       | 1069 |
| 7197 | 21/02/02   | ESD files.pdf  | 105  |
| 7198 | 22/10/06   | ESD inside a Hard Disk.pdf                           | 536  |
| 7199 | 01/07/07   | ESD Roadmap - March 2004.pdf                         | 64   |
| 7200 | 18/11/04   | ESD Tutorial.pdf                                     | 2433 |
| 7201 | 11/12/06   | Finding the root cause of ESD problems.pdf           | 1873 |
| 7202 | 29/07/15   | From Electrostatics to ESD.pdf                       | 156  |
| 7203 | 23/07/15   | Fundamentals of Electrostatic Discharge.pdf          | 160  |
| 7204 | 29/07/15   | Ions.pdf   | 157  |
| 7205 | 29/07/15   | Static Electricity and People.pdf                    | 110  |
| 7206 | 29/07/15   | Static Hocus Pocus.pdf                               | 99   |
| 7207 | 23/07/15   | Surface Voltage and Field Strength.pdf               | 305  |
| 7208 | 30/11/06   | The Basics of Air Ionization.doc                     | 102  |

|      |   |   |      |
|------|---|---|------|
| 7209 | 15/12/06  | Unshielded Twisted Pair Cables & ESD .pdf   | 230  |
| 7210 | 23/07/15  | Voltage and Field Strength.pdf  | 310  |
| 7211 | <b>Décharge électrostatique (ESD)\Charges et décharges statique</b>       |   |      |
| 7212 | 21/10/15  | Charged PCB Model ESD Simulation for MOS Transistors.pdf                                  | 283  |
| 7213 | 29/07/15  | Charges Are Forever.pdf   | 141  |
| 7214 | 16/04/15  | Electrostatic charging caused by standing up.pdf  | 607  |
| 7215 | 03/12/15  | ESD Phenomenon & evaluation.pdf   | 1782 |
| 7216 | 27/07/15  | How Fast Does a Charge Decay?.pdf   | 187  |
| 7217 | 31/08/15  | Off-site Ionizer Calibration Overview.pdf   | 859  |
| 7218 | 27/07/15  | Polarization For Better or Worse.pdf  | 187  |
| 7219 | 21/02/02  | Spacecraft ESD.pdf  | 9    |
| 7220 | <b>Décharge électrostatique (ESD)\Composants de protection &amp; gaps</b> |   |      |
| 7221 | 25/05/08  | Design of ESD protection Circuits.pdf   | 619  |
| 7222 | 20/08/09  | ESD on Multi Layer Ceramic Caps.pdf   | 304  |
| 7223 | 27/03/15  | Integrated ESD Device and Board Level Design.pdf  | 7263 |
| 7224 | 17/10/11  | Micro-gap Air ESD with Moving Electrode.pdf   | 356  |
| 7225 | 16/04/15  | Multi-path ESD Protection Device.pdf  | 518  |
| 7226 | 18/12/04  | Optimize ESD Protection Circuits.pdf  | 209  |
| 7227 | 14/11/04  | Spark Gap ESD Protection Device.pdf   | 148  |
| 7228 | 18/11/13  | Spark gaps on Audio Jack for ESD Protection.pdf   | 1054 |
| 7229 | 26/03/14  | Time Lag of Secondary ESD in Spark Gaps.pdf   | 609  |
| 7230 | 17/10/11  | TVS Devices for ESD Protection.pdf  | 360  |
| 7231 | <b>Décharge électrostatique (ESD)\Composants vulnérables aux DES</b>      |   |      |
| 7232 | 25/12/08  | Cable Discharge Robustness of CMOS.pdf  | 630  |
| 7233 | 01/07/07  | Device Design Certification.pdf   | 144  |
| 7234 | 22/10/06  | Effective ESD Transient Voltages Surge Suppression in New, High Speed Circuits.webarchive | 180  |
| 7235 | 08/10/12  | Electrostatic Field Distribution Measurement.pdf  | 866  |
| 7236 | 20/01/11  | EMC at Chip level to pulses.pdf   | 356  |
| 7237 | 23/06/03  | ESD & Latch-up.pdf  | 227  |
| 7238 | 24/07/15  | ESD Device Sensitivity and Testing.pdf  | 243  |
| 7239 | 04/06/15  | ESD Effect on Discrete Electronic Components.pdf  | 309  |
| 7240 | 06/02/09  | ESD Effects in Thin Film Transistors.pdf  | 1645 |
| 7241 | 19/12/14  | ESD Effects of GaAs HBT Power Amplifiers.pdf  | 447  |
| 7242 | 14/11/04  | ESD Failure in Fast CMOS.pdf  | 139  |
| 7243 | 01/10/12  | ESD Immunity GaAs vs SiGe-Based LNA.pdf   | 204  |

|      |  |  |      |
|------|--|--|------|
| 7244 | 07/05/15   | ESD in 3D-IC Packages.pdf                            | 1375 |
| 7245 | 03/11/13   | ESD on Complex PLD and Field PGA.pdf                 | 1243 |
| 7246 | 10/12/07   | ESD Sensitivity of a Microcontroller.pdf             | 183  |
| 7247 | 10/12/07   | ESD Transient Immunity of ICs.pdf                    | 316  |
| 7248 | 01/07/07   | ESD WHITEPAPER Microelectronics.pdf                  | 224  |
| 7249 | 07/09/05   | ESD-Latch-Up Considerations.pdf                      | 184  |
| 7250 | 05/10/11   | Field coupling from an ESD gun to an IC.pdf          | 979  |
| 7251 | 12/01/10   | IC Snapback under ESD Stress.pdf                     | 339  |
| 7252 | 04/06/14   | Impact of Lowering the IC-HBM Robustness.pdf         | 3910 |
| 7253 | 10/12/07   | Latchup of Power-Rail CMOS Clamp.pdf                 | 286  |
| 7254 | 18/12/12   | New ESD susceptibility issues with nanometric IC.pdf | 913  |
| 7255 | 04/05/07   | On-Chip ESD Protection Circuit.pdf                   | 152  |
| 7256 | 15/10/06   | PowerSO-Package & ESD.pdf                            | 192  |
| 7257 | <b>Décharge électrostatique (ESD)\Conception et correction des DES</b> |  |      |
| 7258 | 13/10/14   | An Ethernet Cable Discharge Event (CDE).pdf          | 936  |
| 7259 | 27/11/13   | ESD induced clock disturbances.pdf                   | 670  |
| 7260 | 03/11/14   | ESD Inductive Coupling on a Conductor Loop.pdf       | 1011 |
| 7261 | 15/02/13   | System-Level ESD-Protection.pdf                      | 1053 |
| 7262 | 26/03/15   | Troubleshooting ESD Failures.pdf                     | 1042 |
| 7263 | <b>Décharge électrostatique (ESD)\Couplages et blindages</b>           |  |      |
| 7264 | 25/02/09   | ESD Field Into a Populated Enclosure.pdf             | 243  |
| 7265 | 10/03/09   | ESD Field Penetration in Time Domain.pdf             | 346  |
| 7266 | 31/08/07   | ESD Generators & Coupling Analysis.pdf               | 213  |
| 7267 | 25/02/09   | ESD Inside Resonant Structures.pdf                   | 279  |
| 7268 | 08/09/05   | ESD through ETHERNET Magnetics.pdf                   | 340  |
| 7269 | 21/02/02   | ESD to transmission line.pdf                         | 98   |
| 7270 | <b>Décharge électrostatique (ESD)\Co-ts des DES</b>                    |  |      |
| 7271 | 29/07/15   | The "Real" Cost of ESD Damage.pdf                    | 914  |
| 7272 | <b>Décharge électrostatique (ESD)\Détection de DES</b>                 |  |      |
| 7273 | 12/01/11   | Algorithms for Arc Detection.pdf                     | 770  |
| 7274 | 04/06/15   | Portable Electrostatic Detector.pdf                  | 227  |
| 7275 | 12/07/12   | Secondary ESD for a Portable Electronic.pdf          | 533  |
| 7276 | 29/10/08   | Transient Detection Circuit for ESD.pdf              | 223  |
| 7277 | <b>Décharge électrostatique (ESD)\Erreurs logiciel par DES</b>         |  |      |
| 7278 | 28/11/11   | Root Cause Analysis of ESD Induced Soft Errors.pdf   | 1220 |



|      |  |   |       |
|------|--|---|-------|
| 7279 | <b>Décharge électrostatique (ESD)\Générateurs de DES et sondes</b>   |   |       |
| 7280 | 27/08/08   | Electrode Speed & Discharge Parameters.pdf    | 143   |
| 7281 | 20/08/09   | Electrode Speed Effect on ESD.pdf             | 134   |
| 7282 | 29/07/15   | EMC Properties of ESD Generators.pdf          | 740   |
| 7283 | 20/02/02   | ESD generator calibration.pdf                 | 51    |
| 7284 | 31/03/11   | ESD Generator in Air-Discharge Mode.pdf       | 481   |
| 7285 | 30/12/06   | ESD generator in frequency domain.pdf         | 158   |
| 7286 | 28/10/08   | ESD generator model.pdf                       | 235   |
| 7287 | 25/02/04   | ESD generator modeling.pdf                    | 223   |
| 7288 | 09/02/11   | Field Injection Probes for ESD.pdf            | 345   |
| 7289 | 20/08/09   | Full Wave Model for a ESD Generator.pdf       | 293   |
| 7290 | 20/01/11   | New aspects of ESD immunity.pdf               | 228   |
| 7291 | 28/10/07   | Numerical Modeling of ESD Generators.pdf      | 795   |
| 7292 | 16/12/07   | Simulator for Human ESD.pdf                   | 206   |
| 7293 | <b>Décharge électrostatique (ESD)\Immunité des CIP et systèmes</b>   |   |       |
| 7294 | 14/11/04   | ESD & Split Multi-layer Distribution.pdf      | 354   |
| 7295 | 19/08/09   | ESD Current Spreading on A PCB.pdf            | 439   |
| 7296 | 08/03/04   | ESD Currents on PCB.pdf                       | 265   |
| 7297 | 05/08/08   | ESD Metrology & Methodology.pdf               | 151   |
| 7298 | 14/11/04   | ESD on Printed Circuit Boards.pdf             | 263   |
| 7299 | 03/09/07   | ESD PCB-level Latchup in CMOS ICs.pdf         | 1169  |
| 7300 | 15/11/12   | Immunité des cartes aux DES.pdf               | 10885 |
| 7301 | 08/10/12   | System-efficient-ESD-design (SEED).pdf        | 265   |
| 7302 | 06/07/08   | System-Level ESD Problems.pdf                 | 908   |
| 7303 | 16/04/08   | System-Level ESD Protection in CMOS.pdf       | 456   |
| 7304 | 11/12/06   | Update on System-Level ESD Standards.pdf      | 75    |
| 7305 | <b>Décharge électrostatique (ESD)\Matériaux et charges statiques</b> |   |       |
| 7306 | 10/01/06   | 520 Series.pdf                                | 391   |
| 7307 | 24/07/15   | Chair Electrostatic Fields and ESD Events.pdf | 749   |
| 7308 | 16/06/04   | Composants ESD.pdf                            | 206   |
| 7309 | 15/05/04   | CW ESD basics.ppt                             | 1576  |
| 7310 | 16/03/12   | Dielectric Breakdown of Gases.pdf             | 4506  |
| 7311 | 07/11/05   | Easy Braid Catalog.pdf                        | 227   |
| 7312 | 06/11/07   | Electrostatisme des textiles.pdf              | 5425  |
| 7313 | 07/02/09   | ESD & plastic Packaging.pdf                   | 65    |

|      |   |   |      |
|------|---|---|------|
| 7314 | 11/04/06  | ESD bags.pdf                                  | 57   |
| 7315 | 21/04/04  | ESD dielectric characteristics.pdf            | 277  |
| 7316 | 05/11/05  | ESD SYMBOL 1.pdf                              | 9    |
| 7317 | 05/11/05  | ESD SYMBOL 2.pdf                              | 9    |
| 7318 | 14/11/05  | Floor & Shoes.ppt                             | 323  |
| 7319 | 14/08/07  | Interworld ESD Control.pdf                    | 837  |
| 7320 | 17/06/04  | Le Catalogue SJM - FR.pdf                     | 4693 |
| 7321 | 07/11/05  | NORA ESD Brochure.pdf                         | 769  |
| 7322 | 12/09/14  | Propriétés électrostatiques des textiles.pdf  | 5618 |
| 7323 | 17/06/04  | Resistivity, Resistance to Ground.pdf         | 19   |
| 7324 | 20/03/09  | Static Electricity in Apollo Spacecraft.pdf   | 1360 |
| 7325 | 08/11/05  | Staticide.pdf                                 | 470  |
| 7326 | 06/11/05  | Triboelectric Generation.pdf                  | 86   |
| 7327 | <b>Décharge électrostatique (ESD)\Matériaux et charges statiques/Images</b> |   |      |
| 7328 | 17/06/04  | 3M Antistatic boxes.jpg                       | 44   |
| 7329 | 17/06/04  | 3M antistatic flange.jpg                      | 12   |
| 7330 | 17/06/04  | 3M Antistatic reel.jpg                        | 49   |
| 7331 | 17/06/04  | 3M Antistatic tape.jpg                        | 18   |
| 7332 | 17/06/04  | 3M Casiers composants.jpg                     | 39   |
| 7333 | 17/06/04  | 3M Charge Analyzer 711.jpg                    | 15   |
| 7334 | 17/06/04  | 3M Conductive Polycarbonate Carrier Tape.jpg  | 24   |
| 7335 | 17/06/04  | 3M Dissipative Polycarbonate Carrier Tape.jpg | 16   |
| 7336 | 17/06/04  | 3M Embossed Carrier Tapes .jpg                | 36   |
| 7337 | 18/06/04  | 3M Field monitor.jpg                          | 12   |
| 7338 | 17/06/04  | 3M Polystyrene Carrier Tape.jpg               | 23   |
| 7339 | 17/06/04  | 3M surface testrer.jpg                        | 19   |
| 7340 | 15/06/04  | 3M Transport Solutions.jpg                    | 23   |
| 7341 | 17/06/04  | Bac adapté.jpg                                | 46   |
| 7342 | 17/06/04  | Bacs ... bec.jpg                              | 13   |
| 7343 | 17/06/04  | Bacs ... insérer.jpg                          | 5    |
| 7344 | 17/06/04  | Bacs aménagés.jpg                             | 42   |
| 7345 | 17/06/04  | Bacs chargeurs.jpg                            | 61   |
| 7346 | 17/06/04  | Bacs et roulettes.jpg                         | 13   |
| 7347 | 17/06/04  | Bacs noirs.jpg                                | 35   |
| 7348 | 17/06/04  | Bacs sur ligne d'insertion.jpg                | 34   |

|      |          |                               |     |
|------|----------|-------------------------------|-----|
| 7349 | 17/06/04 | Boîte de rangement.jpg        | 8   |
| 7350 | 18/06/04 | Bracelet avec cordon.jpg      | 9   |
| 7351 | 18/06/04 | Bracelet et sachet.jpg        | 28  |
| 7352 | 17/06/04 | Caisse de stockage 2.jpg      | 17  |
| 7353 | 17/06/04 | Caisse de stockage.jpg        | 16  |
| 7354 | 17/06/04 | Carton de transport.jpg       | 11  |
| 7355 | 18/06/04 | Charriot de transport.jpg     | 9   |
| 7356 | 18/06/04 | Chaussure 4.jpg               | 6   |
| 7357 | 18/06/04 | Chaussure 5.jpg               | 8   |
| 7358 | 17/06/04 | Chaussure sécurité.jpg        | 23  |
| 7359 | 17/06/04 | Chaussures antistatiques.jpg  | 30  |
| 7360 | 17/06/04 | Corbeille ... papier.jpg      | 8   |
| 7361 | 18/06/04 | Cordon spirale.jpg            | 7   |
| 7362 | 17/06/04 | Coupe chaussure sécurité.jpg  | 25  |
| 7363 | 18/06/04 | Etiquette connexion terre.jpg | 17  |
| 7364 | 17/06/04 | Etiquette EPA.jpg             | 57  |
| 7365 | 18/06/04 | Etiquettes en rouleau.jpg     | 25  |
| 7366 | 06/11/05 | Etiquettes ESD.jpg            | 60  |
| 7367 | 18/06/04 | Film ... bulles.jpg           | 110 |
| 7368 | 17/06/04 | Flacons.jpg                   | 8   |
| 7369 | 17/06/04 | Gourde.jpg                    | 3   |
| 7370 | 18/06/04 | Humitector.jpg                | 23  |
| 7371 | 18/06/04 | Intervention sur site.jpg     | 44  |
| 7372 | 17/06/04 | Kit d'intervention.jpg        | 28  |
| 7373 | 18/06/04 | Mallette aménagée.jpg         | 12  |
| 7374 | 17/06/04 | Mallettes de transport.jpg    | 36  |
| 7375 | 17/06/04 | Mesure résistance.jpg         | 8   |
| 7376 | 18/06/04 | Mesureur de surface.jpg       | 19  |
| 7377 | 18/06/04 | Mocassin.jpg                  | 7   |
| 7378 | 17/06/04 | Pinceaux.jpg                  | 19  |
| 7379 | 18/06/04 | Plateaux thermoformés.jpg     | 16  |
| 7380 | 17/06/04 | Poste de travail équipé.jpg   | 38  |
| 7381 | 17/06/04 | Poubelles.jpg                 | 10  |
| 7382 | 18/06/04 | Prises de terre.jpg           | 6   |
| 7383 | 17/06/04 | Produits thermoformés.jpg     | 62  |

|      |  |  |      |
|------|--|--|------|
| 7384 | 17/06/04   | Racks de maintien.jpg                                  | 43   |
| 7385 | 18/06/04   | Sabot 2.jpg  | 8    |
| 7386 | 18/06/04   | Sabot.jpg  | 7    |
| 7387 | 17/06/04   | Sandale ... bride.jpg                                  | 21   |
| 7388 | 18/06/04   | Sandale simple.jpg                                     | 7    |
| 7389 | 18/06/04   | Sandaes femme.jpg                                      | 8    |
| 7390 | 17/06/04   | Sandaes.jpg  | 23   |
| 7391 | 17/06/04   | Symbole DES 2.jpg                                      | 8    |
| 7392 | 17/06/04   | Talonnette 3.jpg                                       | 11   |
| 7393 | 17/06/04   | Talonnette 4.jpg                                       | 15   |
| 7394 | 17/06/04   | Talonnette femme 2.jpg                                 | 13   |
| 7395 | 17/06/04   | Testeur de bracelet.jpg                                | 19   |
| 7396 | 17/06/04   | Testeur.jpg  | 20   |
| 7397 | 17/06/04   | Vêtements coton.jpg                                    | 35   |
| 7398 | 18/06/04   | Vous quittez la zone.jpg                               | 13   |
| 7399 | 17/06/04   | Warning.jpg  | 23   |
| 7400 | <b>Décharge électrostatique (ESD)\Modélisation &amp; simulation de DES</b> |  |      |
| 7401 | 17/10/11   | bModel of Secondary ESD.pdf                            | 788  |
| 7402 | 18/12/12   | CST ESD Modelling.pdf                                  | 129  |
| 7403 | 01/03/09   | Distributed Constant Line System.pdf                   | 144  |
| 7404 | 21/08/15   | ESD Coupling Using PEEC Method.pdf                     | 693  |
| 7405 | 14/11/04   | ESD Excitation Model.pdf                               | 193  |
| 7406 | 27/08/08   | ESD full chip simulation.pdf                           | 188  |
| 7407 | 11/09/02   | ESD modeling.pdf                                       | 73   |
| 7408 | 09/02/11   | Model for ESD LCD Upset.pdf                            | 399  |
| 7409 | 27/11/13   | Model of Human Body for ESD.pdf                        | 610  |
| 7410 | 18/12/12   | Modèle pistolet ESD Talk CST.pdf                       | 1545 |
| 7411 | 23/12/15   | Simulation of ESD Thermal Failures on System Level.pdf | 1148 |
| 7412 | 23/12/15   | System-Level Modeling for Transient ESD Simulation.pdf | 1241 |
| 7413 | 08/10/12   | Unified Circuit Modeling Technique for ESD.pdf         | 384  |
| 7414 | <b>Décharge électrostatique (ESD)\Normes &amp; Guides sur les DES</b>      |  |      |
| 7415 | 15/12/14   | 2013 ESD Roadmap.pdf                                   | 163  |
| 7416 | 28/07/07   | A Guide to ESD.pdf                                     | 935  |
| 7417 | 31/08/15   | ANSI-ESD S20-20_2014 Changes.pdf                       | 156  |
| 7418 | 08/12/05   | ESD EMI.pdf  | 121  |

|      |          |  |      |
|------|----------|--|------|
| 7419 | 01/07/07 | ESD Regulations & Standards.pdf                | 171  |
| 7420 | 29/07/15 | ESD Standards - 2014 Progress Report.pdf       | 264  |
| 7421 | 27/07/15 | ESD Standards - 2015 Progress Report.pdf       | 288  |
| 7422 | 23/08/06 | ESD Standards 1.pdf                            | 153  |
| 7423 | 24/07/15 | ESD Standards 2.pdf                            | 263  |
| 7424 | 01/07/07 | ESD Standards.pdf                              | 324  |
| 7425 | 06/08/08 | ESD Technical Newsletter v1i5.pdf              | 64   |
| 7426 | 23/08/06 | ESD TR5.3.2-01-00 Socket Device Tester.pdf     | 302  |
| 7427 | 18/01/05 | ESD WHITEPAPER.pdf                             | 228  |
| 7428 | 17/06/04 | Improved ESD Standards.pdf                     | 52   |
| 7429 | 15/12/14 | Industry Council White Paper 1_2010 HBM-MM.pdf | 601  |
| 7430 | 15/12/14 | Industry Council White Paper 2_2012.pdf        | 3724 |
| 7431 | 15/12/14 | Industry Council White Paper 3_2010.pdf        | 1948 |
| 7432 | 15/12/14 | Industry Council White Paper 3_2012.pdf        | 2467 |
| 7433 | 04/11/09 | Industry WhitePaper CDM - ESD.pdf              | 4371 |
| 7434 | 02/04/12 | INRS ED874 Electricité statique.pdf            | 3900 |
| 7435 | 21/04/04 | JD-BOE-P.PDF                                   | 40   |
| 7436 | 06/11/05 | MIL-HDBK-263B ESD Control.pdf                  | 7912 |
| 7437 | 05/11/05 | MIL-STD-1686C ESD Control Plan.pdf             | 527  |
| 7438 | 23/08/06 | NASA ESD Control Plan.pdf                      | 116  |
| 7439 | 02/08/10 | Protection ESD pour norme CDM.pdf              | 2604 |
| 7440 | 05/11/05 | Surface Resistance of Materials .pdf           | 674  |
| 7441 | 23/08/06 | TR1.0-01-01 Wrist Straps.pdf                   | 479  |
| 7442 | 23/08/06 | TR10.0-01-02 ESDS Below 100 V.pdf              | 98   |
| 7443 | 23/08/06 | TR11-04 Clean Manufacturing.pdf                | 339  |
| 7444 | 23/08/06 | TR13.0-01-99 EOS Safe Iron.pdf                 | 145  |
| 7445 | 23/08/06 | TR14.0-01-00 ESD Current Uncertainty.pdf       | 143  |
| 7446 | 23/08/06 | TR15.0-01-99 Glove & Finger Cots.pdf           | 86   |
| 7447 | 23/08/06 | TR2.0-01-00 Garment Specifications.pdf         | 248  |
| 7448 | 23/08/06 | TR2.0-02-00 Charged Garments.pdf               | 94   |
| 7449 | 23/08/06 | TR3.0-01-02 Alternate Techniques.pdf           | 97   |
| 7450 | 23/08/06 | TR3.0-02-05 Air Ionizers.pdf                   | 153  |
| 7451 | 23/08/06 | TR4.0-01-02 Worksurfaces.pdf                   | 171  |
| 7452 | 23/08/06 | TR5.2-01-01 Machine Model ESD.pdf              | 142  |
| 7453 | 23/08/06 | TR5.3.2-01-00 Socket Device Tester.pdf         | 280  |

|      |  |   |      |
|------|--|---|------|
| 7454 | 23/08/06   | TR5.4-01-00 Latch-up (TLU).pdf                      | 432  |
| 7455 | 23/08/06   | TR50.0-01-99 Static Electricity.pdf                 | 303  |
| 7456 | 23/08/06   | TR50.0-02-99 Ohmmeters.pdf                          | 108  |
| 7457 | 23/08/06   | TR50.0-03-03 V & W Susceptibility.pdf               | 225  |
| 7458 | 23/08/06   | TR55.0-01-04 Cleanroom.pdf                          | 299  |
| 7459 | <b>Décharge électrostatique (ESD)\Procédures et programme anti-DES</b>       |   |      |
| 7460 | 15/09/07   | ATT-TP-76306 ESD Control.pdf                        | 140  |
| 7461 | 24/07/15   | Basic ESD Control Procedures and Materials.pdf      | 303  |
| 7462 | 09/09/07   | Basics of Air Ionization.pdf                        | 115  |
| 7463 | 05/11/05   | ESD Control Plan Guideline.pdf                      | 38   |
| 7464 | 24/07/15   | ESD Control Program Development.pdf                 | 229  |
| 7465 | 05/11/05   | ESD Marine Procedure.pdf                            | 192  |
| 7466 | 18/01/05   | ESD Periodic Verification.pdf                       | 246  |
| 7467 | 05/11/05   | Humidity & ESD Control.pdf                          | 31   |
| 7468 | 10/11/08   | Prevention & Control of ESD.pdf                     | 113  |
| 7469 | 29/07/15   | Principles of ESD Control - ESD Control Program.pdf | 180  |
| 7470 | 05/08/15   | Sample ESD Control Document based on 2020_2014.pdf  | 338  |
| 7471 | 05/11/05   | Subsystem ESD plan .pdf                             | 165  |
| 7472 | 29/07/15   | The Value of Certification.pdf                      | 312  |
| 7473 | <b>Décharge électrostatique (ESD)\Radio et DES</b>                           |   |      |
| 7474 | 16/10/14   | ESD Effects on Wireless Power Coupling.pdf          | 495  |
| 7475 | 10/12/07   | ESD on Adhesive-Label RFID Tags.pdf                 | 124  |
| 7476 | 29/08/11   | Mobile Phone's ESD Soft Failures.pdf                | 553  |
| 7477 | 09/02/11   | Mobile Phone's Immunity to ESD Soft Failures 1.pdf  | 483  |
| 7478 | 24/02/11   | Mobile Phone's Immunity to ESD Soft Failures 2.pdf  | 684  |
| 7479 | 03/11/13   | Pulsed Hertzian Dipole Radiation and ESD.pdf        | 1637 |
| 7480 | <b>Décharge électrostatique (ESD)\Tests, mesures et incertitudes des DES</b> |   |      |
| 7481 | 19/12/04   | 3 Dimension ESD Scan System.pdf                     | 1073 |
| 7482 | 08/09/05   | 3D ESD Scanning System.pdf                          | 725  |
| 7483 | 28/10/07   | Analysis of ESD Current.pdf                         | 269  |
| 7484 | 03/01/11   | Approach Speed and Charge Voltage on ESD.pdf        | 348  |
| 7485 | 29/07/15   | Brief History of ESD Testing.pdf                    | 341  |
| 7486 | 15/09/07   | Electrostatic Measurements.pdf                      | 343  |
| 7487 | 03/01/11   | ESD Interference in SFTP.pdf                        | 494  |
| 7488 | 31/08/07   | ESD Radiated Fields.pdf                             | 684  |

|      |  |  |       |
|------|--|--|-------|
| 7489 | 24/06/03   | ESD Simulator Uncertainty.pdf                  | 129   |
| 7490 | 05/08/08   | ESD Statistical Method.pdf                     | 48    |
| 7491 | 12/11/04   | ESD Test Stations.pdf                          | 106   |
| 7492 | 28/02/11   | ESD Testing - New 461 Test-Requirement?.pdf    | 1244  |
| 7493 | 25/02/04   | ESD uncertainty estimation.pdf                 | 72    |
| 7494 | 20/01/06   | ESD uncertainty.pdf                            | 324   |
| 7495 | 25/11/07   | Experimental Radiated Fields.pdf               | 215   |
| 7496 | 10/12/07   | Falling Time Restriction of ESD Test.pdf       | 227   |
| 7497 | 22/02/11   | Induced Currents from Cable Discharges 1.pdf   | 173   |
| 7498 | 24/02/11   | Induced Currents from Cable Discharges 2.pdf   | 333   |
| 7499 | 03/01/11   | Limited Bandwidth of ESD Verification Path.pdf | 258   |
| 7500 | 29/10/08   | Repeatability of System Level ESD.pdf          | 310   |
| 7501 | 01/03/11   | Scan Methodologies for EMC-ESD.pdf             | 14716 |
| 7502 | 05/08/08   | Target influence and uncertainty.pdf           | 214   |
| 7503 | 17/06/04   | TEST METHODS FOR STATIC CONTROL.pdf            | 680   |
| 7504 | 12/10/09   | Transient-to-Digital Converter.pdf             | 698   |
| 7505 | 25/12/08   | Uncertainty of ESD Pulse Metrics.pdf           | 367   |
| 7506 | <b>Décharge électrostatique (ESD)\Threshold ESDA</b> |  |       |
| 7507 | 07/07/10   | Threshold_2005-1.pdf                           | 337   |
| 7508 | 07/07/10   | Threshold_2005-2.pdf                           | 225   |
| 7509 | 07/07/10   | Threshold_2005-3.pdf                           | 320   |
| 7510 | 07/07/10   | Threshold_2005-4.pdf                           | 229   |
| 7511 | 07/07/10   | Threshold_2005-5.pdf                           | 253   |
| 7512 | 07/07/10   | Threshold_2005-6.pdf                           | 435   |
| 7513 | 06/07/10   | Threshold_2006-1.pdf                           | 381   |
| 7514 | 06/07/10   | Threshold_2006-2.pdf                           | 239   |
| 7515 | 06/07/10   | Threshold_2006-3.pdf                           | 284   |
| 7516 | 06/07/10   | Threshold_2006-4.pdf                           | 282   |
| 7517 | 06/07/10   | Threshold_2006-5.pdf                           | 347   |
| 7518 | 06/07/10   | Threshold_2006-6.pdf                           | 310   |
| 7519 | 06/07/10   | Threshold_2007-1.pdf                           | 389   |
| 7520 | 06/07/10   | Threshold_2007-2.pdf                           | 258   |
| 7521 | 06/07/10   | Threshold_2007-3.pdf                           | 405   |
| 7522 | 06/07/10   | Threshold_2007-4.pdf                           | 673   |
| 7523 | 06/07/10   | Threshold_2007-5.pdf                           | 380   |

|      |          |                      |      |
|------|----------|----------------------|------|
| 7524 | 06/07/10 | Threshold_2007-6.pdf | 341  |
| 7525 | 06/07/10 | Threshold_2008-1.pdf | 322  |
| 7526 | 06/07/10 | Threshold_2008-2.pdf | 549  |
| 7527 | 06/07/10 | Threshold_2008-3.pdf | 339  |
| 7528 | 06/07/10 | Threshold_2008-4.pdf | 788  |
| 7529 | 06/07/10 | Threshold_2008-5.pdf | 272  |
| 7530 | 06/07/10 | Threshold_2008-6.pdf | 338  |
| 7531 | 06/07/10 | Threshold_2009-1.pdf | 408  |
| 7532 | 06/07/10 | Threshold_2009-2.pdf | 1183 |
| 7533 | 06/07/10 | Threshold_2009-3.pdf | 494  |
| 7534 | 06/07/10 | Threshold_2009-4.pdf | 661  |
| 7535 | 06/07/10 | Threshold_2009-5.pdf | 848  |
| 7536 | 06/07/10 | Threshold_2009-6.pdf | 583  |
| 7537 | 06/07/10 | Threshold_2010-1.pdf | 363  |
| 7538 | 06/07/10 | Threshold_2010-2.pdf | 648  |
| 7539 | 06/07/10 | Threshold_2010-3.pdf | 727  |
| 7540 | 06/07/10 | Threshold_2010-4.pdf | 576  |
| 7541 | 05/12/10 | Threshold_2010-5.pdf | 593  |
| 7542 | 10/03/11 | Threshold_2010-6.pdf | 647  |
| 7543 | 10/03/11 | Threshold_2011-1.pdf | 1368 |
| 7544 | 08/08/11 | Threshold_2011-2.pdf | 1736 |
| 7545 | 08/08/11 | Threshold_2011-3.pdf | 1401 |
| 7546 | 15/10/11 | Threshold_2011-4.pdf | 1454 |
| 7547 | 02/12/11 | Threshold_2011-5.pdf | 1506 |
| 7548 | 05/09/12 | Threshold_2011-6.pdf | 1325 |
| 7549 | 05/09/12 | Threshold_2012-1.pdf | 798  |
| 7550 | 05/09/12 | Threshold_2012-2.pdf | 1165 |
| 7551 | 30/01/13 | Threshold_2012-3.pdf | 917  |
| 7552 | 30/01/13 | Threshold_2012-4.pdf | 789  |
| 7553 | 30/01/13 | Threshold_2013-1.pdf | 759  |
| 7554 | 23/06/13 | Threshold_2013-2.pdf | 773  |
| 7555 | 10/07/13 | Threshold_2013-3.pdf | 839  |
| 7556 | 05/11/13 | Threshold_2013-4.pdf | 957  |
| 7557 | 03/03/14 | Threshold_2013-5.pdf | 900  |
| 7558 | 03/03/14 | Threshold_2013-6.pdf | 1001 |



|      |          |                              |      |
|------|----------|------------------------------|------|
| 7559 | 03/03/14 | Threshold_2014-1.pdf         | 1158 |
| 7560 | 05/03/14 | Threshold_2014-2.pdf         | 1092 |
| 7561 | 05/05/14 | Threshold_2014-3.pdf         | 1234 |
| 7562 | 08/07/14 | Threshold_2014-4.pdf         | 1108 |
| 7563 | 05/09/14 | Threshold_2014-5.pdf         | 831  |
| 7564 | 05/11/14 | Threshold_2014-6.pdf         | 979  |
| 7565 | 07/01/15 | Threshold_2015-1.pdf         | 582  |
| 7566 | 04/03/15 | Threshold_2015-2.pdf         | 1047 |
| 7567 | 09/05/15 | Threshold_2015-3.pdf         | 840  |
| 7568 | 07/07/15 | Threshold_2015-4.pdf         | 595  |
| 7569 | 02/09/15 | Threshold_2015-5.pdf         | 841  |
| 7570 | 12/11/15 | Threshold_2015-6.pdf         | 995  |
| 7571 | 07/01/16 | Threshold_2016-1.pdf         | 1107 |
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| 7577 | 20/11/14 | Additional Coupling for Far End Crosstalk Cancellation.pdf | 502  |
| 7578 | 25/08/07 | Alien Crosstalk Measurements.pdf                           | 189  |
| 7579 | 25/08/07 | Alien Crosstalk Testing.pdf                                | 107  |
| 7580 | 07/10/08 | Asymmetric Shunt Impedance.pdf                             | 279  |
| 7581 | 20/08/09 | Block Latency Insertion Method (Block-LIM).pdf             | 168  |
| 7582 | 26/08/08 | Carbon Nanotube Interconnects.pdf                          | 178  |
| 7583 | 25/08/07 | Cat 5e & 6 Alien Crosstalk.pdf                             | 1344 |
| 7584 | 26/08/07 | Corning Alien Crosstalk Measurement.pdf                    | 391  |
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| 7587 | 27/08/08 | Crosstalk Analysis for Board Checking.pdf                  | 291  |
| 7588 | 06/10/14 | Crosstalk Analysis in Graphene Lines.pdf                   | 259  |
| 7589 | 15/02/13 | Crosstalk Between an UTP Cable and Wire above GP.pdf       | 440  |
| 7590 | 21/08/13 | Crosstalk Between Right-Handed and CRLH Lines on PCBs.pdf  | 292  |
| 7591 | 26/05/08 | Crosstalk Cancelling in Multiconductor Lines.pdf           | 159  |
| 7592 | 17/10/11 | Crosstalk for Broadside and Edgeside Stripline.pdf         | 259  |
| 7593 | 12/11/08 | Crosstalk in 10 Gbps.pdf                                   | 751  |

|      |          |  |      |
|------|----------|--|------|
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| 7595 | 20/12/04 | Cross-talk in PCB Traces.pdf                         | 174  |
| 7596 | 12/03/15 | Crosstalk in Substrate Integrated Waveguides.pdf     | 316  |
| 7597 | 25/10/15 | Crosstalk Involving Twisted Pairs of Wires.pdf       | 1834 |
| 7598 | 25/10/15 | Crosstalk modelling of unshielded wire pairs.pdf     | 340  |
| 7599 | 25/11/07 | Crosstalk Noise in Submicron CMOS.pdf                | 273  |
| 7600 | 01/10/12 | Crosstalk of Complex Bundles inside Cylinder.pdf     | 393  |
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| 7606 | 21/03/04 | Diaphonie dans les multipaires.pdf                   | 185  |
| 7607 | 21/03/04 | Diaphonie réduite par transformation.pdf             | 319  |
| 7608 | 17/10/11 | Die-to-Die Vertical Crosstalk.pdf                    | 505  |
| 7609 | 09/01/08 | Eliminating Xtalk in Multiconductor Cable.pdf        | 132  |
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| 7617 | 26/09/11 | High Speed Far End Crosstalk Cancellation.pdf        | 347  |
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| 7619 | 11/05/15 | Impedance Perturbation for Coupled Uniform Lines.pdf | 266  |
| 7620 | 14/10/11 | Intra-system Noise on SiP Modules.pdf                | 418  |
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| 7625 | 25/10/15 | Measurement of Wire-to-Wire Crosstalk-2.pdf          | 455  |
| 7626 | 19/11/13 | Modeling Crosstalk of Complex Cable Bundles 2.pdf    | 253  |
| 7627 | 30/11/11 | Modeling Crosstalk of Complex Cable Bundles.pdf      | 353  |
| 7628 | 26/09/10 | Multiconductor Transmission Lines.pdf                | 559  |

|      |          |   |      |
|------|----------|---|------|
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| 7630 | 06/09/05 | Near End Crosstalk in Twisted Pair.pdf            | 287  |
| 7631 | 18/10/06 | Near-End and the Far-End Crosstalk.pdf            | 166  |
| 7632 | 02/12/07 | Noise Reduction Guidelines.pdf                    | 239  |
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| 7634 | 31/12/06 | Nonparallel Transmission Lines & PEEC.pdf         | 122  |
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| 7637 | 02/10/07 | Power - Data Separation.pdf                       | 216  |
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| 7640 | 13/10/09 | Reasonable Worst-Case Crosstalk in Bundles.pdf    | 610  |
| 7641 | 15/02/11 | Statistical Crosstalk in Cable Bundles.pdf        | 231  |
| 7642 | 28/10/08 | Statistical Crosstalk in Harnesses.pdf            | 156  |
| 7643 | 17/10/11 | Statistical Crosstalk in SFP+ Cable.pdf           | 121  |
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| 7645 | 15/12/06 | SWCNT Bundles in CM Excitation.pdf                | 182  |
| 7646 | 31/12/06 | TDR-TDT Analysis by Crosstalk.pdf                 | 387  |
| 7647 | 28/02/11 | Transmission Lines and Crosstalk.pdf              | 1412 |
| 7648 | 25/11/07 | Transmission-Line Equations.pdf                   | 223  |
| 7649 | 28/10/07 | U-Shaped Metal Cabinet Panel.pdf                  | 186  |
| 7650 | 07/09/05 | Varactor & Crosstalk Analysis.pdf                 | 206  |
| 7651 | 31/12/06 | Via Fences for Crosstalk Reduction.pdf            | 143  |
| 7652 | 05/12/04 | Via holes & crosstalk.pdf                         | 154  |
| 7653 | 31/03/11 | Worst Case Crosstalk at HF.pdf                    | 290  |
| 7654 | 26/10/08 | XAUI HM-Zd Evaluation Backplane.pdf               | 417  |
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7657 **DRAM, HERO, RADHAZ & ATEX**

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7659 **DRAM (HERO), HERF, RADHAZ & ATEX\ATEX**

|      |          |                              |     |
|------|----------|------------------------------|-----|
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| 7663 | 20/03/09 | ATEX-industrie-mecanique.pdf | 747 |

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| 7666 | 19/03/09   | ED5001 ATEX.pdf                                       | 209   |
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| 7671 | 05/04/09   | Guide of Electrical Equipment in ATEX.pdf             | 33    |
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| 7673 | 15/09/07   | Ignition risks.pdf                                    | 157   |
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| 7676 | 22/03/09   | INERIS Silos Agro-Alimentaires.pdf                    | 819   |
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| 7680 | 20/03/09   | INRS ED944 Poussières combustibles.pdf                | 1151  |
| 7681 | 19/12/05   | INRS Silos Sucre.pdf                                  | 248   |
| 7682 | 07/12/13   | Matériel ATEX - Sécurité intrinsèque.pdf              | 258   |
| 7683 | 19/08/12   | Matériels électriques en ATEX.pdf                     | 333   |
| 7684 | 20/03/09   | Phone Risk Assessment.pdf                             | 105   |
| 7685 | 21/03/09   | Portable Tank Filling Operation.pdf                   | 255   |
| 7686 | 19/03/09   | Réglementation ATEX Grasse.pdf                        | 59    |
| 7687 | 22/02/13   | RF Coupling Peds to Fuel Tank.pdf                     | 255   |
| 7688 | 20/03/09   | Sparks and Ignition of Fuels.pdf                      | 2531  |
| 7689 | 21/03/09   | Static Electricity at Workplace.pdf                   | 243   |
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| 7693 | 27/09/11   | Cell Phones and Fires at Gas Stations.pdf             | 65    |
| 7694 | 27/02/13   | Chemical Plants Assessment of RF Ignition Hazards.pdf | 209   |
| 7695 | 04/06/15   | EMF Threat to Fuel Tank Wiring.pdf                    | 15087 |
| 7696 | 23/07/15   | Explosions and ESD.pdf                                | 149   |
| 7697 | 04/06/15   | Possible Cause of Aircraft Fuel Ignition.pdf          | 872   |
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|      |   |  |      |
|------|---|--|------|
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| 7701 | 18/07/15  | DoD E3 Program 2015.pdf                          | 215  |
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| 7707 | 26/08/08  | EM Below-Deck Spaces in Ships.pdf                | 229  |
| 7708 | 20/03/09  | EM Coupling of Overhead Line to EED.pdf          | 205  |
| 7709 | 20/03/09  | EMC Assessment of EED.pdf                        | 1044 |
| 7710 | 27/02/13  | Fires in Service Stations or Paint Shops.pdf     | 233  |
| 7711 | 04/10/11  | Induced Currents on Electric Detonators.pdf      | 475  |
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| 7729 | 04/06/15  | Vibration-Induced ESD.pdf                        | 885  |
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|      |  |   |      |
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| 7737 | 27/10/07   | Emission Control.pdf                            | 18   |
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|      |  |   |      |
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7793

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|------|----------|---|------|
| 7796 | 23/10/08 | 2-kW Electrothermal Propulsion System.pdf       | 560  |
| 7797 | 06/04/14 | AN-0971 isoPower Devices Radiated Emissions.pdf | 470  |
| 7798 | 06/04/14 | AN-1109 iCoupler Radiation Control.pdf          | 435  |
| 7799 | 21/12/04 | ANSI C63.4 H Pattern Requirement.pdf            | 116  |
| 7800 | 27/11/10 | Bandwidth of Digital Waveforms.pdf              | 221  |
| 7801 | 03/01/11 | Cables Untangled or Adventitious Antennas.pdf   | 1166 |
| 7802 | 19/08/09 | Chassis Connected to PCB with Screw.pdf         | 865  |
| 7803 | 30/12/06 | Chassis Connections & Radiated EMI.pdf          | 467  |

|      |          |  |      |
|------|----------|--|------|
| 7804 | 08/10/12 | CISPR 32 vs. ANSI C63.4 Scrolling H Patterns.pdf     | 316  |
| 7805 | 25/02/04 | CM & DM trace radiation.pdf                          | 274  |
| 7806 | 22/02/11 | CM Radiation from Strip Line Structure.pdf           | 453  |
| 7807 | 19/11/13 | Coil With a Toroidal Ferromagnetic Core.pdf          | 611  |
| 7808 | 28/10/07 | Common-Mode Currents on a PCB.pdf                    | 250  |
| 7809 | 29/10/08 | Common-Mode Excitation in PCBs.pdf                   | 146  |
| 7810 | 29/10/08 | Common-mode Radiated Emission.pdf                    | 152  |
| 7811 | 19/12/14 | Complex Locations of Equivalent Dipoles.pdf          | 349  |
| 7812 | 07/10/14 | Coupled Microstrip Lines With Unipolar Signaling.pdf | 615  |
| 7813 | 15/12/06 | Decoupling caps & radiated emissions.pdf             | 236  |
| 7814 | 21/10/15 | Derivation of Line Imbalance Difference Theory.pdf   | 349  |
| 7815 | 12/11/08 | Direct Power Injection for IC Immunity.pdf           | 851  |
| 7816 | 22/12/07 | Effectiveness of an Image Plane.pdf                  | 779  |
| 7817 | 10/01/08 | Effects of Skew and Cable Imbalance.pdf              | 146  |
| 7818 | 06/09/05 | EIRP Compliance of UWB Devices.pdf                   | 151  |
| 7819 | 01/03/09 | Electrically Long Multiconductor Line.pdf            | 464  |
| 7820 | 28/11/13 | Electromagnetic Emissions from a Multilayer PCB.pdf  | 696  |
| 7821 | 20/08/09 | EM Emission of Differential Signals.pdf              | 166  |
| 7822 | 19/08/09 | EM Radiation from Surface-Microstrip Line.pdf        | 625  |
| 7823 | 09/11/13 | EMF Generated by Induction Cooktops.pdf              | 894  |
| 7824 | 23/12/07 | EMI Noise & Wireless Integration.pdf                 | 430  |
| 7825 | 24/02/11 | EMI of On-Chip Microwave Components.pdf              | 1532 |
| 7826 | 06/09/05 | EMI Radiation in LCD TV.pdf                          | 260  |
| 7827 | 14/10/12 | EMI Simulation of Heat Spreaders.pdf                 | 619  |
| 7828 | 28/06/14 | EMI Simulator for the Whole HF Band.pdf              | 538  |
| 7829 | 24/02/11 | EMI to Laptop WWAN from TFT-LCD Driver.pdf           | 1054 |
| 7830 | 13/11/11 | Emission of Floor-standing Equipment.pdf             | 1400 |
| 7831 | 14/11/11 | Emission of Tabletop Equipment.pdf                   | 1074 |
| 7832 | 29/10/08 | Emissions from Enclosure Slots.pdf                   | 143  |
| 7833 | 01/03/11 | Emissions of Tabletop Equipment.pdf                  | 278  |
| 7834 | 01/03/09 | Equivalent Cable Bundle Method.pdf                   | 586  |
| 7835 | 12/10/09 | Equivalent Currents on High-Speed Digital PCB.pdf    | 418  |
| 7836 | 10/01/11 | Estimating Radiated EMI from PCB & Cables.pdf        | 129  |
| 7837 | 24/11/13 | Estimating RE in MIL-STD 461 Test.pdf                | 418  |
| 7838 | 06/09/05 | Extremely Low Frequency EM Field.pdf                 | 146  |



|      |          |   |      |
|------|----------|---|------|
| 7839 | 12/01/08 | Floor-standing Equipment.pdf                            | 48   |
| 7840 | 06/03/09 | Gain of Open-Ended Waveguides.pdf                       | 274  |
| 7841 | 11/12/07 | Genetic Prediction of PCBs Radiation.pdf                | 288  |
| 7842 | 13/03/12 | H Field in Air by Underground Conductor.pdf             | 275  |
| 7843 | 07/02/11 | Heatsink Emissions & Lossy Materials .pdf               | 372  |
| 7844 | 15/02/13 | Heat-Sink Modeling and Design.pdf                       | 669  |
| 7845 | 16/07/14 | HF Disturbances from Very Large Electrical Systems.pdf  | 1275 |
| 7846 | 11/01/08 | High-Accuracy Emission Simulation.pdf                   | 729  |
| 7847 | 15/02/11 | HMI Graphics Influence on RE.pdf                        | 313  |
| 7848 | 15/02/02 | IC radiated emission & TEM Cell.pdf                     | 90   |
| 7849 | 19/11/13 | Identifying Radiation Sources Using Backpropagation.pdf | 262  |
| 7850 | 31/03/11 | Imbalance Model for CM Radiation From PCBs.pdf          | 426  |
| 7851 | 16/10/11 | Interconnection of PCB Power Layer to Chassis.pdf       | 227  |
| 7852 | 13/03/12 | I-O Line RE on PCB Due to Imbalance Difference.pdf      | 595  |
| 7853 | 07/02/11 | Laptop WWAN Device from TFT-LCD Driver.pdf              | 272  |
| 7854 | 25/11/07 | Logic Family & Radiated Emissions.pdf                   | 159  |
| 7855 | 10/04/07 | Loop Area Decoupling.pdf                                | 241  |
| 7856 | 08/10/08 | Maximum Allowable Heatsink Voltage.pdf                  | 329  |
| 7857 | 13/10/09 | Maximum Allowable Power Bus Voltage.pdf                 | 522  |
| 7858 | 26/02/09 | Maximum Emissions of Large Sources.pdf                  | 213  |
| 7859 | 30/11/11 | Maximum Radiated P Density From Large Sources.pdf       | 255  |
| 7860 | 13/03/12 | Maximum RE From a Heatsink on a PCB.pdf                 | 481  |
| 7861 | 30/11/11 | Maximum RE From PCBs With Cables.pdf                    | 238  |
| 7862 | 01/03/11 | Measurements for Floor-Standing Equipment.pdf           | 270  |
| 7863 | 16/11/13 | Measuring E field with Different Antennas.pdf           | 676  |
| 7864 | 16/04/08 | Microcontroller EM Emission Modeling.pdf                | 487  |
| 7865 | 16/12/04 | Microwave Radiation of DRAM.pdf                         | 533  |
| 7866 | 11/01/08 | Mismatches in HF Differential Signal.pdf                | 261  |
| 7867 | 26/02/16 | Modeling EMI Due to Display Signals in a TV.pdf         | 1024 |
| 7868 | 29/01/12 | Modélisation des émissions rayonnées - Lopez.pdf        | 2201 |
| 7869 | 12/01/11 | Noise Reduction in Near-Field Measurements.pdf          | 697  |
| 7870 | 18/12/04 | OATS Proliferation of RF Ambients.pdf                   | 635  |
| 7871 | 22/02/09 | Open-Ended Rectangular Waveguide.pdf                    | 118  |
| 7872 | 07/02/11 | Optimization of Heat Sink EMI 1.pdf                     | 269  |
| 7873 | 24/02/11 | Optimization of Heat Sink EMI 2.pdf                     | 860  |

|      |          |   |      |
|------|----------|---|------|
| 7874 | 10/12/07 | PCB Emission With a Conducting Plate.pdf                | 120  |
| 7875 | 25/05/10 | PCB Emissions Using Equivalent Dipoles.pdf              | 495  |
| 7876 | 01/03/09 | PCB Excited Slot Radiation of Enclosure.pdf             | 303  |
| 7877 | 12/12/07 | PCB Layout and EMI from Chassis.pdf                     | 231  |
| 7878 | 25/02/04 | PCB Near-field.pdf                                      | 433  |
| 7879 | 14/09/08 | PCB Radiated Emission.pdf                               | 895  |
| 7880 | 11/09/05 | PCB Radiation with an Attached Cable.pdf                | 418  |
| 7881 | 24/06/03 | PCB radiations.pdf                                      | 1230 |
| 7882 | 03/12/04 | PCB with No Open Edge.pdf                               | 370  |
| 7883 | 22/12/07 | Pentium 4 and CPU Heat Sinks.pdf                        | 436  |
| 7884 | 08/10/12 | Placement for Partially Populated System.pdf            | 474  |
| 7885 | 01/03/11 | Post-Processing with Near-Field Techniques.pdf          | 2030 |
| 7886 | 08/01/08 | Power and SI by Decoupling.pdf                          | 226  |
| 7887 | 30/06/09 | Power Bus Noise From PCB & Cables.pdf                   | 267  |
| 7888 | 20/12/04 | Power Bus Noise Radiations.pdf                          | 934  |
| 7889 | 14/11/04 | Power-bus Structures Radiation.pdf                      | 521  |
| 7890 | 24/12/08 | Predict EME Effects in CAN Bus.pdf                      | 1381 |
| 7891 | 10/04/07 | Prédiction de l'émission d'un CI.pdf                    | 229  |
| 7892 | 23/11/13 | Prediction of Radiated Emission for Complex Systems.pdf | 326  |
| 7893 | 04/03/13 | Printed Circuit Board Layout on RE.pdf                  | 335  |
| 7894 | 26/02/16 | Quantifying High-Density Connector Radiation.pdf        | 535  |
| 7895 | 09/01/08 | Quiet MCU and Optimizing PCB design.pdf                 | 1841 |
| 7896 | 19/11/13 | Radiated Emission Characterization for PCBs.pdf         | 955  |
| 7897 | 26/08/08 | Radiated Emission of Chassis & PCB.pdf                  | 186  |
| 7898 | 27/08/08 | Radiated Emission of Harness.pdf                        | 250  |
| 7899 | 29/08/11 | Radiated Emission of Parallel Microstrip Traces.pdf     | 253  |
| 7900 | 27/08/08 | Radiated Emission of PCBs with Cables.pdf               | 203  |
| 7901 | 26/10/08 | Radiated Emission of Rolling Stock.pdf                  | 777  |
| 7902 | 19/12/04 | Radiated Emission Scans.pdf                             | 474  |
| 7903 | 31/12/06 | Radiated Emission through a Cutout.pdf                  | 178  |
| 7904 | 31/08/07 | Radiated Emissions From a PCB.pdf                       | 329  |
| 7905 | 12/12/07 | Radiated Emissions from Heat-sinks.pdf                  | 303  |
| 7906 | 26/11/07 | Radiated Power Evaluation.pdf                           | 171  |
| 7907 | 07/09/05 | Radiation & CM Choke Coil.pdf                           | 700  |
| 7908 | 16/05/14 | Radiation From a PCB-Chassis System.pdf                 | 548  |

|      |          |   |      |
|------|----------|---|------|
| 7909 | 31/12/06 | Radiation from PCB Driven by a Cable.pdf                      | 247  |
| 7910 | 16/04/15 | Radiation from Two-Wire Transmission Lines.pdf                | 236  |
| 7911 | 31/08/07 | Radiation of Microstrip Signal Traces.pdf                     | 175  |
| 7912 | 03/09/07 | Radiation of PCB Interconnections.pdf                         | 492  |
| 7913 | 20/08/09 | Radiation of Short Unterminated Lines.pdf                     | 133  |
| 7914 | 25/08/07 | Radiation of UTP cable.pdf                                    | 149  |
| 7915 | 02/09/08 | Radio Frequency Interference.pdf                              | 2853 |
| 7916 | 15/02/11 | RE from Horizontal PCB Submodules.pdf                         | 241  |
| 7917 | 17/10/14 | RE from Multi-port Integrated Connector Modules (ICM).pdf     | 912  |
| 7918 | 12/03/08 | RE from PCB With an Attached Cable.pdf                        | 160  |
| 7919 | 20/10/15 | RE From PCBs With Dominant Radiators.pdf                      | 721  |
| 7920 | 27/08/08 | RE Measurements above 1 GHz.pdf                               | 2406 |
| 7921 | 23/07/15 | RE Measurements in Semi-Anechoic Chamber.pdf                  | 149  |
| 7922 | 29/10/08 | RE of Bent Microstrip Line.pdf                                | 182  |
| 7923 | 30/11/11 | RE of Small Parallel-Plate Structures.pdf                     | 412  |
| 7924 | 05/06/11 | Reducing Emissions from Chassis-Mounted PCB.pdf               | 429  |
| 7925 | 19/12/04 | Reduction of Radiated EM Fields.pdf                           | 196  |
| 7926 | 23/12/15 | Reflection and Transmission Coeff for Nonuniform Lines.pdf    | 398  |
| 7927 | 19/09/10 | Réflexion sur un conducteur.pdf                               | 151  |
| 7928 | 08/10/12 | Reproducibility of Radiated Emission.pdf                      | 304  |
| 7929 | 12/11/08 | RF Effects on the Clock Networks.pdf                          | 369  |
| 7930 | 26/02/16 | RFI Estimation Using Equivalent Dipole-Moment.pdf             | 699  |
| 7931 | 23/09/13 | RFI from Traces to a GPS Patch Antenna.pdf                    | 590  |
| 7932 | 23/10/08 | Robot for Field Mapping.pdf                                   | 232  |
| 7933 | 17/04/15 | Simplified Methods for Predicting Radiated Emissions.pdf      | 406  |
| 7934 | 01/03/09 | Single-Ended I-O With Reduced EMI.pdf                         | 209  |
| 7935 | 09/10/14 | Software-related EMI Behavior of Embedded Microcontroller.pdf | 500  |
| 7936 | 28/06/14 | Source Separation for Wideband Energy Emissions.pdf           | 1242 |
| 7937 | 20/02/02 | Split and radiated coupling.pdf                               | 63   |
| 7938 | 16/10/11 | Strip Line Structure Driven by a Feed Cable.pdf               | 534  |
| 7939 | 30/03/10 | Structures by Infinitesimal Dipoles.pdf                       | 232  |
| 7940 | 22/12/07 | System Level Prediction of RE.pdf                             | 135  |
| 7941 | 02/07/09 | System-Level Prediction of RE.pdf                             | 415  |
| 7942 | 12/01/08 | Tabletop Equipment WS-05.pdf                                  | 138  |
| 7943 | 12/01/14 | Tall VLSI Heatsinks Using Ground Posts.pdf                    | 225  |

|      |          |  |     |
|------|----------|--|-----|
| 7944 | 11/07/12 | Technique to Analyze Radiation of Microstrip Lines.pdf | 659 |
| 7945 | 11/12/07 | TLM Simulation of RF Emissions.pdf                     | 158 |
| 7946 | 25/02/04 | Trace edge effects.pdf                                 | 297 |
| 7947 | 24/06/03 | Transient Plasmas Noise.pdf                            | 76  |
| 7948 | 29/10/08 | UWB Signal Over Powerline Channel.pdf                  | 174 |
| 7949 | 10/04/15 | Verification of Test Chambers for RE Testing.pdf       | 771 |
| 7950 | 04/12/04 | VLSI Decoupling Circuit.pdf                            | 534 |
| 7951 | 20/11/14 | Wigner Function & Radiation of Complex Sources.pdf     | 203 |

7952

### 7953 Environnement et textes réglementaires

7954

|      |   |   |     |
|------|---|---|-----|
| 7955 | <b>Environnement et textes règlementaires\Articles réglementaires</b>                 |   |     |
| 7956 | 19/11/12  | Textes réglementaires relatifs ... l'air.pdf                  | 131 |
| 7957 | 19/11/12  | Textes réglementaires relatifs ... l'eau.pdf                  | 171 |
| 7958 | 19/11/12  | Textes réglementaires relatifs ... tout produit.pdf           | 130 |
| 7959 | 19/11/12  | Textes réglementaires relatifs aux déchets.pdf                | 147 |
| 7960 | 19/11/12  | Textes réglementaires relatifs aux installations classées.pdf | 176 |
| 7961 | 19/11/12  | Textes réglementaires relatifs aux produits chimiques.pdf     | 205 |
| 7962 | 19/11/12  | Textes réglementaires relatifs aux risques technologiques.pdf | 180 |
| 7963 | <b>Environnement et textes règlementaires\Aspects économiques et juridiques</b>       |   |     |
| 7964 | 19/11/12  | Aides financières en environnement.pdf                        | 189 |
| 7965 | 19/11/12  | Assurance environnement.pdf                                   | 131 |
| 7966 | 19/11/12  | Développement durable pour l'industrie.pdf                    | 187 |
| 7967 | 19/11/12  | Droit de l'environnement industriel.pdf                       | 115 |
| 7968 | 19/11/12  | Le rapport environnement.pdf                                  | 112 |
| 7969 | 19/11/12  | Normalisation dans le domaine de l'environnement.pdf          | 113 |
| 7970 | 19/11/12  | Réglementation applicable dans l'industrie.pdf                | 135 |
| 7971 | <b>Environnement et textes règlementaires\Eco-conception et développement durable</b> |   |     |
| 7972 | 29/07/15  | Green-Light Sustainability in Electronics Engineering.pdf     | 230 |
| 7973 | 29/07/15  | IEC 62474 for Product Compliance and Eco-design.pdf           | 520 |
| 7974 | 29/07/15  | Material Declaration in the Supply Chain.pdf                  | 289 |
| 7975 | 29/07/15  | Standardization Activities and IEC 62474_final.pdf            | 94  |
| 7976 | 29/07/15  | Substances Additions and Modifications.pdf                    | 66  |
| 7977 | <b>Environnement et textes règlementaires\Environnements haute tension</b>            |   |     |
| 7978 | 17/04/13  | CIGRE EMI Characterization of HVAC Substation.pdf             | 203 |

|      |  |   |      |
|------|--|---|------|
| 7979 | 17/04/13   | EM Disturbances in Gas Insulated Substation.pdf         | 380  |
| 7980 | 17/04/13   | EMI Fields in HV Gas Insulated Substation.pdf           | 319  |
| 7981 | 19/06/15   | EMI of MV Switching Sources.pdf                         | 581  |
| 7982 | 17/04/13   | Fast Transient Circuit Breaker Model.pdf                | 648  |
| 7983 | 17/04/13   | Very Fast Transient in Substation.pdf                   | 499  |
| 7984 | <b>Environnement et textes réglementaires\Eoliennes, photovoltaïque, fuel cell</b> |   |      |
| 7985 | 25/09/08   | 2008 09 04 fin de vie SPD.doc                           | 152  |
| 7986 | 09/01/08   | Analysis of a GSM 900 MHz Antenna.pdf                   | 232  |
| 7987 | 29/05/03   | ANFR - Rapport eoliennes.pdf                            | 230  |
| 7988 | 22/12/09   | Cellule solaire sous SPICE.pdf                          | 95   |
| 7989 | 02/01/09   | Codes and Standards for Fuel Cells.pdf                  | 2376 |
| 7990 | 02/03/11   | COMPARAISON DU TARIF.pdf                                | 129  |
| 7991 | 25/02/08   | DEHN Guide SER UTE 15 712.pdf                           | 325  |
| 7992 | 26/02/08   | DEHN Protection indirecte_2005.pdf                      | 4719 |
| 7993 | 06/12/07   | Disturbances in a Fuel Cell Bus.pdf                     | 137  |
| 7994 | 28/11/05   | Doubly-Fed Induction Machine.pdf                        | 301  |
| 7995 | 08/01/08   | Driving System of a Fuel Cell Bus.pdf                   | 230  |
| 7996 | 22/01/11   | EDF Spécimen contrat rachat électricité.pdf             | 133  |
| 7997 | 28/08/15   | EM Radiation from DC Side of a PV Generation System.pdf | 2901 |
| 7998 | 05/02/10   | EMC Issues in High-Power PV Plants.pdf                  | 443  |
| 7999 | 29/10/08   | Emissions Radiated from Solar Cells.pdf                 | 396  |
| 8000 | 30/12/08   | ETNO Energy Task Team.pdf                               | 2062 |
| 8001 | 02/06/10   | FERRAZ HE002 Helio fr.pdf                               | 1311 |
| 8002 | 02/06/10   | FERRAZ Helio Protection Form.pdf                        | 229  |
| 8003 | 02/06/10   | FERRAZ Protection solaire.pdf                           | 3151 |
| 8004 | 31/01/07   | Générateurs photovoltaïques.doc                         | 3205 |
| 8005 | 31/12/06   | Grid Interconnections Standard.pdf                      | 212  |
| 8006 | 11/10/08   | Guide foudre ADEME v10 10 08.docm                       | 6136 |
| 8007 | 28/04/08   | Guide PV ADEME 2006.pdf                                 | 634  |
| 8008 | 18/02/09   | Guide SER Protect Bien Pers 2008.pdf                    | 325  |
| 8009 | 23/03/09   | Guide UTE C 32-502_2008 Cables PV.pdf                   | 783  |
| 8010 | 30/03/09   | Guide_ADEME_SER_foudre_PVR_v10_08.pdf                   | 2493 |
| 8011 | 12/10/09   | High-Power Photovoltaic Plants.pdf                      | 361  |
| 8012 | 18/02/09   | Interference Voltages in PV.pdf                         | 171  |
| 8013 | 08/01/08   | Inverter Noise of a Fuel Cell Bus.pdf                   | 257  |

|      |  |   |      |
|------|--|---|------|
| 8014 | 03/01/11   | Leakage of Transformerless PV Inverter.pdf            | 696  |
| 8015 | 05/11/08   | Lightning & large Wind Turbine Blades.pdf             | 387  |
| 8016 | 18/02/09   | Lightning Induced Voltages in PV.pdf                  | 216  |
| 8017 | 29/07/15   | Millibels in the Wind.pdf                             | 809  |
| 8018 | 12/01/10   | Near-Field EM Emissions of Solar Panels.pdf           | 316  |
| 8019 | 13/07/07   | Photovoltaic Modules Grounding.pdf                    | 85   |
| 8020 | 14/09/08   | Photovoltaic power supply.pdf                         | 207  |
| 8021 | 24/11/06   | PR NF EN 50373.pdf                                    | 1053 |
| 8022 | 17/03/09   | PrEN LV SPD for PV Instalations.pdf                   | 765  |
| 8023 | 25/09/08   | Proposition essai vieillissement SPD.doc              | 37   |
| 8024 | 04/08/10   | Protection foudre photovoltaïque.pdf                  | 334  |
| 8025 | 16/05/14   | PV Lightning Protection and Grounding.pdf             | 586  |
| 8026 | 25/02/08   | Siemens Wind Turbines Grounding 2005.pdf              | 1240 |
| 8027 | 28/12/12   | Solar Array Simulation.pdf                            | 270  |
| 8028 | 22/01/11   | Suivre sa production PV.pdf                           | 166  |
| 8029 | 25/09/08   | U37ABGE1_03CR-Parafoudres PV.pdf                      | 209  |
| 8030 | 21/10/08   | Varistor Surge Protection for PV.pdf                  | 2093 |
| 8031 | 11/12/07   | Wind Blade's Lightning Protection.pdf                 | 159  |
| 8032 | 23/04/06   | Wind park power factor management.pdf                 | 201  |
| 8033 | 08/11/08   | Wind Turbine Lightning Protection.pdf                 | 242  |
| 8034 | 19/01/09   | Wind Turbines & Traffic Control Radars.pdf            | 276  |
| 8035 | 23/11/06   | Wind turbines EMC.pdf                                 | 18   |
| 8036 | 31/03/11   | Wind-Turbine Main-Shaft Bearings.pdf                  | 327  |
| 8037 | <b>Environnement et textes règlementaires\Eoliennes, photovoltaïque, fuel cell\Parc PV (SOLER)</b> |   |      |
| 8038 | 02/11/10   | Journe Technique Programme.pdf                        | 733  |
| 8039 | 11/03/10   | Parc PV 2009-12.pdf                                   | 1449 |
| 8040 | 30/06/09   | Parc PV 2009-3.pdf                                    | 855  |
| 8041 | 12/11/09   | Parc PV 2009-9.pdf                                    | 1174 |
| 8042 | 18/04/11   | Parc PV dec 2010.pdf                                  | 1221 |
| 8043 | 08/10/10   | Parc PV juin 2010.pdf                                 | 1068 |
| 8044 | 20/05/10   | Parc PV mars 2010.pdf                                 | 1357 |
| 8045 | 08/10/10   | Plaquette SER juin 2010.pdf                           | 618  |
| 8046 | <b>Environnement et textes règlementaires\Outils de gestion écologique</b>                         |   |      |
| 8047 | 19/11/12   | Analyse du cycle de vie - Evaluation des impacts.pdf  | 140  |
| 8048 | 19/11/12   | Analyse du cycle de vie - Problèmes d'affectation.pdf | 163  |

|      |   |  |      |
|------|---|--|------|
| 8049 | 19/11/12  | Analyse du cycle de vie - Réalisation de l'inventaire.pdf        | 172  |
| 8050 | 19/11/12  | Analyse du cycle de vie par logiciel.pdf                         | 143  |
| 8051 | 19/11/12  | Conception écologique des produits.pdf                           | 121  |
| 8052 | 19/11/12  | Démarches d'écoconception en entreprise.pdf                      | 101  |
| 8053 | 19/11/12  | Dématérialisation - Bilans matières et MIPS.pdf                  | 140  |
| 8054 | 19/11/12  | Ecoconception - Etat de l'art & outils disponibles.pdf           | 141  |
| 8055 | 19/11/12  | EcoRisk - logiciel d'analyse du risque Environnement.pdf         | 273  |
| 8056 | 19/11/12  | EIME - Outil d'aide ... la conception.pdf                        | 60   |
| 8057 | 19/11/12  | Etude d'impact des ICPE - Effets de l'installation.pdf           | 160  |
| 8058 | 19/11/12  | Etude d'impact des ICPE - Etat initial.pdf                       | 296  |
| 8059 | 19/11/12  | Evaluation de la qualité des données.pdf                         | 125  |
| 8060 | 19/11/12  | Exemple de manuel environnement.pdf                              | 93   |
| 8061 | 19/11/12  | Gestion des dépenses environnementales en entreprise.pdf         | 31   |
| 8062 | 19/11/12  | Gestion des installations classées.pdf                           | 341  |
| 8063 | 19/11/12  | Management environnemental - Norme ISO 14001.pdf                 | 89   |
| 8064 | 19/11/12  | Performances environnementales des PME.pdf                       | 172  |
| 8065 | 19/11/12  | Stratégie d'environnement des sites de production.pdf            | 69   |
| 8066 | 19/11/12  | Stratégie et écologie.pdf  | 139  |
| 8067 | 19/11/12  | Système de management environnemental.pdf                        | 139  |
| 8068 | <b>Environnement et textes règlementaires\Perturbations BF</b>                |  |      |
| 8069 | 25/09/13  | LF EMI - Experiences from the Field.pdf                          | 2271 |
| 8070 | <b>Environnement et textes règlementaires\Thèmes environnementaux\Air</b>     |  |      |
| 8071 | 19/11/12  | Méthodes de quantification des émissions dans l'air.pdf          | 388  |
| 8072 | 19/11/12  | Pollution atmosphérique - Introduction.pdf                       | 707  |
| 8073 | <b>Environnement et textes règlementaires\Thèmes environnementaux\Bruit</b>   |  |      |
| 8074 | 19/11/12  | Effet du bruit sur l'homme.pdf                                   | 166  |
| 8075 | 19/11/12  | Méthodologie de réduction du bruit en milieu professionnel.pdf   | 345  |
| 8076 | <b>Environnement et textes règlementaires\Thèmes environnementaux\Déchets</b> |  |      |
| 8077 | 19/11/12  | Approche socio-économique des déchets.pdf                        | 117  |
| 8078 | 19/11/12  | Cadre réglementaire communautaire et interne des déchets.pdf     | 169  |
| 8079 | 19/11/12  | Centres de stockage des déchets - Conception.pdf                 | 214  |
| 8080 | 19/11/12  | Centres de stockage des déchets - Exploitation.pdf               | 279  |
| 8081 | 19/11/12  | Centres de stockage des déchets - Impacts et prospective.pdf     | 133  |
| 8082 | 19/11/12  | Centres de traitement de déchets industriels spéciaux.pdf        | 199  |
| 8083 | 19/11/12  | Classification réglementaire et écocompatibilité des déchets.pdf | 105  |

|      |  |   |     |
|------|--|---|-----|
| 8084 | 19/11/12   | Déchets et risques pour la santé.pdf  | 153 |
| 8085 | 19/11/12   | Règlement communautaire et interne des déchets.pdf                          | 169 |
| 8086 | 19/11/12   | Stabilisation-solidification des déchets.pdf                                | 132 |
| 8087 | 19/11/12   | Traitement biologique des déchets.pdf                                       | 146 |
| 8088 | 19/11/12   | Traitements chimiques et physico-chimiques des déchets.pdf                  | 219 |
| 8089 | <b>Environnement et textes réglementaires\Thèmes environnementaux\Eau</b>    |   |     |
| 8090 | 19/11/12   | L'eau et l'industrie.pdf  | 79  |
| 8091 | 19/11/12   | Pollution de l'eau - Inventaire des traitements.pdf                         | 110 |
| 8092 | 19/11/12   | Pollution des eaux - Elimination des boues d'épuration.pdf                  | 126 |
| 8093 | 19/11/12   | Pollution des eaux - Finitions haute performance.pdf                        | 112 |
| 8094 | 19/11/12   | Pollution des eaux - Traitements des boues d'épuration.pdf                  | 156 |
| 8095 | 19/11/12   | Pollution des eaux - Valorisation énergétique des boues.pdf                 | 264 |
| 8096 | 19/11/12   | Pollution industrielle de l'eau - Caractérisation-classification-mesure.pdf | 136 |
| 8097 | 19/11/12   | Pollution industrielle de l'eau - Stratégie et méthodologie.pdf             | 103 |
| 8098 | 19/11/12   | Propriétés des eaux naturelles.pdf  | 222 |
| 8099 | 19/11/12   | Traitement des eaux avant utilisation. Filières et applications.pdf         | 126 |
| 8100 | 19/11/12   | Traitement des eaux avant utilisation. Matières particulaires.pdf           | 603 |
| 8101 | 19/11/12   | Traitement des eaux avant utilisation. Substances dissoutes.pdf             | 257 |
| 8102 | <b>Environnement et textes réglementaires\Thèmes environnementaux\Odeurs</b> |   |     |
| 8103 | 19/11/12   | Les odeurs dans l'environnement.pdf   | 166 |
| 8104 | 19/11/12   | Mesurer les odeurs.pdf  | 312 |
| 8105 | 19/11/12   | Réglementation en matière d'odeurs.pdf                                      | 119 |
| 8106 | <b>Environnement et textes réglementaires\Thèmes environnementaux\Sols</b>   |   |     |
| 8107 | 19/11/12   | Cadre réglementaire de la pollution des sols.pdf                            | 119 |
| 8108 | 19/11/12   | Cession-acquisition de sites - Enjeux environnementaux.pdf                  | 84  |
| 8109 | 19/11/12   | Diagnostic approfondi - Evaluations détaillées des risques.pdf              | 115 |
| 8110 | 19/11/12   | Diagnostic de la qualité du sous-sol - Principe et incertitudes.pdf         | 229 |
| 8111 | 19/11/12   | Diagnostic d'un site pollué - Etude historique et documentaire.pdf          | 215 |
| 8112 | 19/11/12   | Diagnostic initial - Evaluation simplifiée des risques.pdf                  | 136 |
| 8113 | 19/11/12   | Sites pollués - Contamination des sols et nappes phréatiques.pdf            | 73  |
| 8114 | 19/11/12   | Traitements biologiques des sols.pdf  | 126 |
| 8115 | 19/11/12   | Typologie des techniques de réhabilitation des sites pollués.pdf            | 139 |

8116

8117

## Exposition humaine

8118



| 8119 Exposition humaine\ANFR et ARCEP                      |          |  |      |
|--|----------|--|------|
| 8120   | 01/07/07 | Ancien protocole Mesure In Situ V2.1.pdf | 570  |
| 8121   | 07/03/13 | ANFR Fiche antennes relais.pdf           | 231  |
| 8122   | 11/01/12 | ARCEP Réutilisation bande 900MHz.pdf     | 120  |
| 8123   | 16/02/08 | Campagne de mesures_2001.pdf             | 652  |
| 8124   | 01/07/07 | CCE2 Sites radioélectriques.pdf          | 358  |
| 8125   | 01/07/07 | ENST Analyse de champ proche.pdf         | 667  |
| 8126   | 01/07/07 | Foire aux questions santé.pdf            | 174  |
| 8127   | 29/03/08 | Guide ANFR Périmètres sécurité V2.pdf    | 279  |
| 8128   | 08/08/11 | Guide DR17-3 Périmètre de sécurité.pdf   | 385  |
| 8129   | 13/02/08 | Mesure d'exposition aux ondes.pdf        | 431  |
| 8130   | 01/07/07 | Panorama EM France 2004.pdf              | 350  |
| 8131   | 01/07/07 | Plaquette exposition aux ondes.pdf       | 462  |
| 8132   | 01/07/07 | Plaquette santé.pdf                      | 118  |
| 8133   | 18/11/11 | Protocole de mesure in situ V3.pdf       | 202  |
| 8134   | 01/07/07 | Qualification P-CPICH.pdf                | 92   |
| 8135   | 01/07/07 | Questions-réponses ANFR.pdf              | 45   |
| 8136   | 01/07/07 | Rapport de mesure ANFR V2.43.xls         | 3101 |
| 8137   | 01/07/07 | Réglementation France 2007.pdf           | 110  |
| 8138   | 13/02/08 | Synthese champs en France 2007.pdf       | 305  |
| 8139 Exposition humaine\Bibliographies et glossaires       |          |  |      |
| 8140   | 16/04/03 | Biblio EMF.pdf                           | 34   |
| 8141   | 04/01/07 | Biblio RF & Santé.pdf                    | 259  |
| 8142   | 29/06/07 | Bibliographie RF et santé.pdf            | 259  |
| 8143   | 04/11/07 | ELF Low-Level Exposure.pdf               | 125  |
| 8144   | 08/05/04 | EMF_Risk_glossary.pdf                    | 57   |
| 8145   | 27/09/07 | Epidemiologic Literature on EMF.pdf      | 230  |
| 8146   | 16/08/06 | International EMF Project.pdf            | 69   |
| 8147 Exposition humaine\Bioelectromagnetics et conférences |          |  |      |
| 8148   | 28/09/07 | Asia-Pacific EMF 2004 Conference.pdf     | 393  |
| 8149   | 23/01/09 | Bioelectromagnetics 1999 Long Beach.pdf  | 2321 |
| 8150   | 30/09/08 | Bioelectromagnetics 2000 Munich.pdf      | 2920 |
| 8151   | 30/09/08 | Bioelectromagnetics 2001 St Paul.pdf     | 2643 |
| 8152   | 30/09/08 | Bioelectromagnetics 2002 Quebec.pdf      | 2406 |
| 8153   | 29/03/08 | Bioelectromagnetics 2003 Budapest.pdf    | 2025 |

|      |  |   |       |
|------|--|---|-------|
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| 8155 | 11/09/07   | Bioelectromagnetics 2004 Washington.pdf | 5582  |
| 8156 | 17/06/06   | Bioelectromagnetics 2005 Dublin.pdf     | 5739  |
| 8157 | 11/09/07   | Bioelectromagnetics 2006 Cancun.pdf     | 8991  |
| 8158 | 07/07/07   | Bioelectromagnetics 2007 Kanazawa.pdf   | 8222  |
| 8159 | 05/08/08   | Bioelectromagnetics 2008 San Diego.pdf  | 9624  |
| 8160 | 05/08/08   | EBEA 2007.pdf                           | 12373 |
| 8161 | <b>Exposition humaine\Champmètres dosimètres et sondes</b> |   |       |
| 8162 | 28/03/09   | 1308_1994 LF Field Strength Meters.pdf  | 374   |
| 8163 | 27/02/13   | Analysis of SAR Probe Performance.pdf   | 577   |
| 8164 | 08/10/04   | AR RFI EMI monitor.pdf                  | 33    |
| 8165 | 02/05/05   | AR=HOLADAY.pdf                          | 51    |
| 8166 | 22/10/04   | Brochure Holaday.pdf                    | 200   |
| 8167 | 14/02/09   | Dutch exposimeter study.pdf             | 717   |
| 8168 | 03/09/07   | ELF Fields and RF Survey Meters.pdf     | 889   |
| 8169 | 22/10/04   | HI 3510 rev2.pdf                        | 25    |
| 8170 | 16/10/04   | Holaday HI-2200.pdf                     | 185   |
| 8171 | 16/10/04   | Holaday IH99380.pdf                     | 169   |
| 8172 | 16/10/04   | Lindgreen personal protection.pdf       | 126   |
| 8173 | 10/07/04   | Maschek ESM-100.pdf                     | 325   |
| 8174 | 09/07/04   | Maschek ESM-120.pdf                     | 203   |
| 8175 | 07/07/06   | Moulin ... champ.pdf                    | 245   |
| 8176 | 06/07/07   | Narda brochure HF.pdf                   | 568   |
| 8177 | 09/07/04   | Narda EFA 200-300.pdf                   | 251   |
| 8178 | 07/10/04   | Narda EMR 200-300.pdf                   | 202   |
| 8179 | 07/10/04   | Narda EMR 20-30.pdf                     | 288   |
| 8180 | 06/07/07   | Narda Protection des personnes.pdf      | 239   |
| 8181 | 06/07/07   | NARDA RadManXT.pdf                      | 80    |
| 8182 | 07/10/04   | Narda Sondes champ E.pdf                | 86    |
| 8183 | 06/07/07   | NARDA STS SRM.pdf                       | 395   |
| 8184 | 10/07/04   | Narda WG EFA-3.pdf                      | 171   |
| 8185 | 06/07/07   | Nardalert TechNote2.pdf                 | 302   |
| 8186 | 11/10/04   | Nardalert XT.pdf                        | 349   |
| 8187 | 06/07/07   | PRENardalert.pdf                        | 118   |
| 8188 | 15/03/08   | Tri-axial Search Coil.pdf               | 217   |

|      |   |  |       |
|------|---|--|-------|
| 8189 | <b>Exposition humaine\Coupures de presse</b>        |  |       |
| 8190 | 13/01/10  | 0802-P Scalart-Le Trégor 7-fév-08.jpg      | 1715  |
| 8191 | 13/01/10  | 0802-relais Lanmeur-Le Trégor 7-fév-08.jpg | 279   |
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| 8193 | <b>Exposition humaine\Courbes Tableaux et Logos</b> |  |       |
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| 8195 | 28/06/07  | Canada logo danger.pdf                     | 45    |
| 8196 | 28/06/07  | Canada logo prudence.pdf                   | 47    |
| 8197 | 15/09/07  | Champ H appareils domestiques.png          | 58    |
| 8198 | 18/10/06  | Constantes diélectriques du sang.jpg       | 51    |
| 8199 | 12/09/07  | Facteurs du courant de cour.png            | 41    |
| 8200 | 07/07/07  | FCC Maximum Exposure Limit.jpg             | 61    |
| 8201 | 07/07/07  | ICNIRP - C95.1 E 2002.jpg                  | 93    |
| 8202 | 27/06/07  | Impédance du corps humain.png              | 76    |
| 8203 | 28/06/07  | Impédance du corps selon U.png             | 25    |
| 8204 | 27/06/07  | Impédances entre mains humides.png         | 76    |
| 8205 | 27/06/07  | Impédances humaines partielles en %.png    | 31    |
| 8206 | 30/09/07  | Induction magnétique BF 2002.pdf           | 19    |
| 8207 | 26/09/07  | LF IEEE C95.6 Magnetic Limits 2002.png     | 36    |
| 8208 | 31/07/04  | Logo Champ magnétique statique.jpg         | 31    |
| 8209 | 30/07/04  | Logo ICNIRP.pict                           | 85    |
| 8210 | 27/05/10  | Logo rayonnement Non ionisant.pdf          | 4     |
| 8211 | 27/05/10  | Niveaux crête 1998.pict                    | 206   |
| 8212 | 30/07/04  | Sécurité au travail _ Logos INRS.pdf       | 287   |
| 8213 | 28/06/07  | Seuil de non lacher couleur.png            | 48    |
| 8214 | 14/09/07  | Touch Voltage.png                          | 25    |
| 8215 | 27/06/07  | Z corps humain humide salé.png             | 70    |
| 8216 | 27/06/07  | Z corps total 10 personnes selon F.png     | 40    |
| 8217 | 28/06/07  | Z mains ... mains humides salées.png       | 68    |
| 8218 | 27/06/07  | Z totale selon F et U.png                  | 37    |
| 8219 | 28/06/07  | Zone temps-courant main-pied 50 Hz.png     | 104   |
| 8220 | <b>Exposition humaine\Documents douteux</b>         |  |       |
| 8221 | 27/09/07  | Bioinitiative 2007 (semble excessif).pdf   | 2558  |
| 8222 | 11/01/13  | BioInitiative 2012 (semble excessif).pdf   | 15158 |
| 8223 | 07/03/13  | BioInitiative Report (Excessif ?).i.webloc |       |

|      |  |  |      |
|------|--|--|------|
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| 8225 | 05/07/07   | Suisse ORNI.pdf  | 92   |
| 8226 | 17/09/15   | valeurs Baubiologie pour les Baubios.pdf               | 165  |
| 8227 | <b>Exposition humaine\Documents fondamentaux</b> |  |      |
| 8228 | 02/05/07   | AFSSET Champs électromagnétiques.pdf                   | 391  |
| 8229 | 18/11/11   | ANFR Protocole de mesure in situ V3.pdf                | 202  |
| 8230 | 05/09/07   | Décret 2006-61 du 18 janvier 2006.pdf                  | 69   |
| 8231 | 24/08/08   | Décret n°2002-775 du 3 mai 2002.pdf                    | 24   |
| 8232 | 28/01/08   | Directive travailleurs 2004-40-CE.pdf                  | 75   |
| 8233 | 03/04/09   | DSTAN 05-74 I3_2009 Use of RF Energy.pdf               | 489  |
| 8234 | 16/05/11   | EN 50554_2010 Public Exposure to RF EMF.pdf            | 391  |
| 8235 | 29/05/15   | ETSI EG 201 399 {311}15 Guide on 2014-53 Directive.pdf | 295  |
| 8236 | 16/10/04   | ETSI TR 101 870 {V111} 2001.pdf                        | 66   |
| 8237 | 29/06/07   | FCC OET65 A-B-C Guidelines_1997.pdf                    | 1039 |
| 8238 | 21/02/12   | IARC Monograph Radiation 2009.pdf                      | 4863 |
| 8239 | 30/06/07   | ICNIRP EMF Guidelines 1998.pdf                         | 175  |
| 8240 | 13/04/11   | ICNIRP LF Guidelines 2010.pdf                          | 198  |
| 8241 | 09/10/11   | ICNIRP Point de repère BF 2011.pdf                     | 442  |
| 8242 | 18/11/11   | ICNIRP pulsed guidance_2003.pdf                        | 66   |
| 8243 | 26/01/10   | ICNIRP Static Magnetic Field_2009.pdf                  | 101  |
| 8244 | 18/04/11   | IEEE C95.1_2005 RF Safety Levels.pdf                   | 1507 |
| 8245 | 23/07/11   | IEEE C95.3.1_2010 Exposure 0Hz-100kHz.pdf              | 1258 |
| 8246 | 23/07/11   | IEEE C95.3_02 Exposure 100kHz-300GHz.pdf               | 774  |
| 8247 | 29/09/07   | IEEE C95.6_2002 LF Safety Levels.pdf                   | 236  |
| 8248 | 23/07/11   | IEEE C95.7_2005 RF Safety Programs.pdf                 | 260  |
| 8249 | 06/04/09   | Instruction DREP n°302 143_2003.pdf                    | 428  |
| 8250 | 29/05/15   | ITU K52_2014 Human Exposure to EMF.pdf                 | 1274 |
| 8251 | 29/03/11   | ITU K61_08 Measurement and prediction of EMF.pdf       | 513  |
| 8252 | 29/03/11   | ITU K70_2008 Techniques to limit exposure.pdf          | 594  |
| 8253 | 29/05/15   | ITU KSup1_14 Guide on EMF and health.pdf               | 790  |
| 8254 | 06/09/04   | ND2143_2001 Limites exposition.pdf                     | 356  |
| 8255 | 27/09/07   | ND2184_2003 Champ H statique.pdf                       | 147  |
| 8256 | 21/04/09   | NF EN 62311_2008 Exposition humaine.pdf                | 1190 |
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| 8258 | 01/07/07   | Recommandation public 1999-519-CE.pdf                  | 77   |

|      |   |   |      |
|------|---|---|------|
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| 8260 | 12/09/07  | UIT K.61_2003 Exposition humaine.pdf                  | 153  |
| 8261 | <b>Exposition humaine\Dosimétrie et Mesures de champs</b> |   |      |
| 8262 | 01/07/07  | ECC REC02-04 Measurements.pdf                         | 188  |
| 8263 | 08/03/09  | EMDEX LF Magnetic Field Dosemeters.pdf                | 2278 |
| 8264 | 05/07/07  | EMF Dosimetry Handbook.pdf                            | 189  |
| 8265 | 15/02/09  | EMF Measurement Instruments.pdf                       | 171  |
| 8266 | 21/02/12  | Exposure Assessment and Dosimetry - Reliability.pdf   | 1412 |
| 8267 | 21/11/12  | Exposure Assessment to Stochastic-like RF Signals.pdf | 451  |
| 8268 | 23/04/13  | Exposure From Multiband Multisystem Mobile Phones.pdf | 222  |
| 8269 | 17/08/06  | FCC OET-65 Supplement C.pdf                           | 188  |
| 8270 | 12/01/10  | Human Head for Dosimetry of Mobile Phone.pdf          | 292  |
| 8271 | 29/03/09  | IEEE 1460_96 Measurement of LF EMF.pdf                | 189  |
| 8272 | 18/08/11  | INERIS metrologie des champs V5.pdf                   | 464  |
| 8273 | 27/02/13  | Instrumentation for Worker's EM Safety (WEMS).pdf     | 213  |
| 8274 | 21/08/05  | ITU Human Safety.pdf                                  | 118  |
| 8275 | 13/10/08  | Limits for Human Exposure.pdf                         | 60   |
| 8276 | 21/03/14  | Méthodologie de mesure EM RFID UHF.pdf                | 782  |
| 8277 | 13/01/14  | Models of the Human Head for Dosimetry.pdf            | 334  |
| 8278 | 17/08/06  | Motorola EME Report.pdf                               | 388  |
| 8279 | 18/06/06  | NPL Dielectric Measurements.pdf                       | 744  |
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| 8282 | 01/03/09  | Radiation Patterns of Cellular Phones.pdf             | 96   |
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| 8284 | 04/11/07  | RF Induced Current Measurements.pdf                   | 30   |
| 8285 | 08/03/09  | RF Radiation Dosimetry Handbook.pdf                   | 3096 |
| 8286 | 30/09/07  | RF Safety Standards & Mobile Phones.pdf               | 418  |
| 8287 | 14/02/09  | RF-EMF exposure measurements.pdf                      | 307  |
| 8288 | 27/02/13  | SAR induced by five plane waves.pdf                   | 205  |
| 8289 | 27/02/13  | Scattered Electromagnetic Field Variations.pdf        | 227  |
| 8290 | 17/06/06  | Sensitive In Vitro Method.pdf                         | 1164 |
| 8291 | 15/02/09  | Sensors for Low Frequency EM Radiation.pdf            | 142  |
| 8292 | 27/02/13  | Statistical Dosimetry Analysis in Whole-Body.pdf      | 277  |
| 8293 | 29/04/14  | Surveiller et mesurer les ondes EM.pdf                | 613  |

|      |   |   |      |
|------|---|---|------|
| 8294 | 05/10/12  | System for measuring field distributions.pdf              | 553  |
| 8295 | 21/11/10  | THz Numerical dosimetric calculations.pdf                 | 300  |
| 8296 | 25/05/12  | Uncertainty for EMF Exposure from Base Stations.pdf       | 407  |
| 8297 | 27/09/07  | USA RF Radiation Safety.pdf                               | 1763 |
| 8298 | 08/03/09  | Use of magnetic field dosimeters.pdf                      | 114  |
| 8299 | <b>Exposition humaine\Effets des CEM aux fréquences radio</b> |   |      |
| 8300 | 30/09/07  | 50 GHz SAR & Rats Sperm Counts.pdf                        | 70   |
| 8301 | 21/02/12  | Acute Effects of RF EMF.pdf                               | 2211 |
| 8302 | 29/09/07  | Audio Perception & Safety Limits.pdf                      | 92   |
| 8303 | 31/05/11  | Avis de la CSC sur lampes fluocompactes.pdf               | 508  |
| 8304 | 03/04/09  | Bioeffects and Standardization of HEEP.pdf                | 38   |
| 8305 | 29/03/09  | Bioelectromagnetic Healing.pdf                            | 2997 |
| 8306 | 15/02/09  | Biological Effects of EMF.pdf                             | 278  |
| 8307 | 05/03/13  | Biological effects of intermediate frequency H fields.pdf | 247  |
| 8308 | 27/02/13  | Biological effects of radar type 3 GHz.pdf                | 127  |
| 8309 | 21/02/12  | Biological effects of RF fields.pdf                       | 307  |
| 8310 | 18/10/06  | Biological Effects of RF Radiation.pdf                    | 299  |
| 8311 | 05/03/13  | Biomarkers changes due to microwave exposure.pdf          | 96   |
| 8312 | 11/10/06  | Cell Mortality & GSM Radiation.pdf                        | 92   |
| 8313 | 28/06/07  | Collagen as a target at 910 MHz.pdf                       | 597  |
| 8314 | 05/03/13  | Convection in Anterior Chamber of Rabbit's Eye.pdf        | 256  |
| 8315 | 30/09/07  | DNA Repair Genes Transcription.pdf                        | 32   |
| 8316 | 30/09/07  | Effect of EM Radiation on Bio-object.pdf                  | 173  |
| 8317 | 14/02/09  | Effects of Exposure to EMF.pdf                            | 64   |
| 8318 | 29/03/09  | Effects of Non-Ionizing EM Radiation.pdf                  | 176  |
| 8319 | 30/09/07  | Effects of RF EMF on Cell Signaling.pdf                   | 108  |
| 8320 | 24/11/07  | Effects of RF EMF.pdf                                     | 232  |
| 8321 | 04/07/13  | Effets cérébraux chez le rat âgé.pdf                      | 66   |
| 8322 | 04/07/13  | Effets des CEM sur l'équilibre énergétique.pdf            | 306  |
| 8323 | 06/04/09  | Effets des RF sur le système nerveux.pdf                  | 2622 |
| 8324 | 15/03/08  | Electromagnetic fields and health.pdf                     | 693  |
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| 8326 | 04/11/07  | EMF Possible effects on Human Health.pdf                  | 296  |
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| 8328 | 02/02/09  | EMF with a Loop Antenna on Rats.pdf                       | 38   |

|      |          |   |      |
|------|----------|---|------|
| 8329 | 16/04/13 | EPRI Comments on the BioInitiative 2012 Report.pdf      | 423  |
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| 8331 | 18/10/06 | Exposure Assessment & Biological Effect.pdf             | 379  |
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| 8342 | 13/10/08 | Human exposure to EMFs.pdf                              | 545  |
| 8343 | 26/11/07 | Human Eye & Obliquely Incident Waves.pdf                | 186  |
| 8344 | 15/07/13 | ICEMS Cerebral Tumor Court Case.pdf                     | 64   |
| 8345 | 24/06/15 | ICNIRP RF Safety in Medicine.pdf                        | 547  |
| 8346 | 05/03/13 | intermediate frequency H fields on gene expression.pdf  | 57   |
| 8347 | 25/11/07 | ISPED Exposition travailleurs aux CEM.pdf               | 95   |
| 8348 | 15/02/09 | Low Levels EMF on Paramecia.pdf                         | 158  |
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| 8350 | 17/08/06 | Microwave Bioeffects & Standards.pdf                    | 220  |
| 8351 | 30/09/07 | mm Wave Exposure Warmth Sensation.pdf                   | 671  |
| 8352 | 16/08/06 | Mobile Telephony & Health.pdf                           | 70   |
| 8353 | 05/03/13 | Mutagenic Effects of Intermediate Frequency H Field.pdf | 238  |
| 8354 | 30/06/07 | Non ionizing radiation.pdf                              | 157  |
| 8355 | 29/03/09 | Non-thermal Intensities on Human Body.pdf               | 189  |
| 8356 | 24/03/08 | NRPB Evidence for Limiting Exposure.pdf                 | 1054 |
| 8357 | 24/03/08 | NRPB Health Effects from RF EMF.pdf                     | 1015 |
| 8358 | 24/03/08 | NRPB In Terms of Risk.pdf                               | 105  |
| 8359 | 24/03/08 | NRPB Mobile Phones & Health 2004.pdf                    | 1217 |
| 8360 | 05/03/13 | Ocular injury threshold by 76 GHz band.pdf              | 533  |
| 8361 | 05/03/13 | Peripheral blood cells to CW 800MHz radiation.pdf       | 33   |
| 8362 | 26/02/09 | Possible Anti-Cancer Activity.pdf                       | 102  |
| 8363 | 04/11/07 | Possible Health Effects from TETRA.pdf                  | 4286 |

|      |  |  |      |
|------|--|--|------|
| 8364 | 29/04/14   | Potential health effects of exposure to EMF.pdf    | 2518 |
| 8365 | 25/02/16   | Radiofrequency Radiation Research Summary 2014.pdf | 3942 |
| 8366 | 10/08/08   | Rapport bioinitiative 2007 (excessif).pdf          | 150  |
| 8367 | 04/07/13   | Régulation thermique chez le jeune rat.pdf         | 673  |
| 8368 | 21/02/12   | Reproductive Health.pdf                            | 328  |
| 8369 | 02/02/09   | Review of RF Epidemiological Studies.pdf           | 19   |
| 8370 | 01/09/06   | Review of Scientific Evidences.pdf                 | 1031 |
| 8371 | 26/06/07   | RF Bioeffects Research.pdf                         | 97   |
| 8372 | 28/06/07   | RF Exposure Epidemiology.pdf                       | 180  |
| 8373 | 04/11/07   | RF fields & genetic effects.pdf                    | 207  |
| 8374 | 05/09/12   | RF Radiation Safety and Health_2012.pdf            | 355  |
| 8375 | 23/04/13   | RF Radiation Safety and Health_2013.pdf            | 45   |
| 8376 | 11/12/07   | RF-MF EMF genotoxic effects.pdf                    | 229  |
| 8377 | 01/06/03   | Risques des champs EM.pdf                          | 28   |
| 8378 | 15/02/09   | SSI rapport 2005.pdf                               | 446  |
| 8379 | 23/08/04   | Téléphonie cellulaire.pdf                          | 63   |
| 8380 | 18/08/11   | Téléphonie mobile et neurotoxicité.pdf             | 193  |
| 8381 | 28/10/08   | Thermoregulatory of Eye.pdf                        | 162  |
| 8382 | <b>Exposition humaine\Effets en continu et aux ELF</b> |  |      |
| 8383 | 07/03/13   | 1000-Person Magnetic Field Exposure Summary.pdf    | 64   |
| 8384 | 07/03/13   | 1000-Person Magnetic Field Exposure Survey.pdf     | 4520 |
| 8385 | 21/02/12   | Basic Interaction Mechanisms of ELF.pdf            | 303  |
| 8386 | 29/07/07   | Biological effects of ELF H Field.pdf              | 58   |
| 8387 | 01/05/09   | Biological Effects of Power EMF.pdf                | 1178 |
| 8388 | 27/01/06   | Brochure Champs EM TBF.pdf                         | 2544 |
| 8389 | 15/02/09   | Carcinogenic Potential of LF Radiation.pdf         | 309  |
| 8390 | 02/02/09   | Cellular & Molecular Effects of ELF EMF.pdf        | 26   |
| 8391 | 24/03/15   | Champs E et H de très basse fréquence.pdf          | 78   |
| 8392 | 29/04/14   | Champs EM ELF DGS_2014.pdf                         | 889  |
| 8393 | 18/02/13   | Childhood acute lymphoblastic leukemia (ALL).pdf   | 121  |
| 8394 | 18/12/15   | Childhood Cancer and Magnetic Fields.pdf           | 277  |
| 8395 | 16/04/13   | Childhood Cancer and Overhead Lines.pdf            | 277  |
| 8396 | 24/10/14   | Childhood Leukemia & ELF Magnetic Fields.pdf       | 702  |
| 8397 | 08/06/15   | Childhood Leukemia and 50 Hz H Fields.pdf          | 418  |
| 8398 | 18/02/13   | Childhood leukemia and environmental factors.pdf   | 1132 |



|      |          |   |      |
|------|----------|---|------|
| 8399 | 29/04/14 | Childhood Leukemia Near Transformer Rooms.pdf           | 3063 |
| 8400 | 21/02/10 | COMAR MRI TIS.pdf                                       | 703  |
| 8401 | 29/01/10 | Comments on ICNIRP draft 'Guidelines .pdf               | 78   |
| 8402 | 29/07/07 | E & H Fields in transformation station.pdf              | 449  |
| 8403 | 07/07/07 | E & H Stimulation in Orthopedics.pdf                    | 60   |
| 8404 | 26/03/10 | Effets des CEM ELF_2002.pdf                             | 187  |
| 8405 | 24/10/14 | Electromagnetic Fields Produced by the Mitochondria.pdf | 429  |
| 8406 | 01/09/07 | Electrothérapie du pied.pdf                             | 46   |
| 8407 | 01/09/07 | Electrothérapie.pdf                                     | 41   |
| 8408 | 04/11/07 | ELF & Neurodegenerative Disease.pdf                     | 1273 |
| 8409 | 23/09/14 | ELF and Calcium effects on immune system.pdf            | 1578 |
| 8410 | 21/02/12 | ELF Areas of scientific consensus.pdf                   | 137  |
| 8411 | 29/06/07 | ELF Canada.pdf  | 50   |
| 8412 | 16/08/06 | ELF Electromagnetic Fields.pdf                          | 71   |
| 8413 | 26/08/11 | ELF Exposure Limits.pdf                                 | 414  |
| 8414 | 28/09/15 | ELF H Field Exposure & Parkinson's Disease.pdf          | 515  |
| 8415 | 21/02/12 | ELF, IF and Static Fields Long Term Effects.pdf         | 1499 |
| 8416 | 02/02/09 | ELF-EMF exposure & childhood leukemia.pdf               | 33   |
| 8417 | 23/11/13 | ELF-EMFs and Risk of Breast Cancer.pdf                  | 291  |
| 8418 | 27/09/07 | EMF & Bone Healing.pdf                                  | 72   |
| 8419 | 28/02/09 | EMF and childhood cancer.pdf                            | 1059 |
| 8420 | 29/03/09 | EMF Effects on the Blood-Brain Barrier.pdf              | 166  |
| 8421 | 29/07/07 | EMF Exposure Limit Values.pdf                           | 158  |
| 8422 | 29/01/10 | Endogenous Magnetic Iron Oxides in Human Body.pdf       | 148  |
| 8423 | 29/06/07 | Exposition aux ELF.pdf                                  | 49   |
| 8424 | 18/12/15 | Exposure to Power Frequency H field & Cancers.pdf       | 619  |
| 8425 | 29/07/07 | Exposure to residential 50 Hz EM fields.pdf             | 6    |
| 8426 | 18/04/11 | Fetal exposure to low frequency E and H fields.pdf      | 581  |
| 8427 | 04/07/13 | Habiter près d'une ligne ... haute tension.pdf          | 87   |
| 8428 | 21/11/10 | Hodgkin-Huxley and soliton neural theories.pdf          | 224  |
| 8429 | 10/08/08 | HPA - Childhood Leukaemia & H Fields.pdf                | 39   |
| 8430 | 10/08/08 | HPA - UK Cancer & Power Lines.pdf                       | 36   |
| 8431 | 29/01/10 | IEC 60601-2-33 Safety Standard for MR.pdf               | 46   |
| 8432 | 08/10/10 | IMS-EFHRAN on ELF Exposure 2010.pdf                     | 157  |
| 8433 | 29/06/07 | INERIS ELF.pdf  | 121  |

|      |  |  |      |
|------|--|--|------|
| 8434 | 24/10/14   | Influence of EMF on the Circadian System.pdf               | 741  |
| 8435 | 29/01/10   | Interaction of MRI field gradients with human body.pdf     | 371  |
| 8436 | 24/10/14   | Magnetif Fields and the Melatonin Hypothesis.pdf           | 172  |
| 8437 | 08/03/09   | Mechanisms of LF Electrostimulation.pdf                    | 1037 |
| 8438 | 15/05/10   | Melatonin and Breast Cancer.pdf                            | 68   |
| 8439 | 08/03/09   | NIEHS report on E & H ELF Fields.pdf                       | 349  |
| 8440 | 24/03/08   | NRPB ELF EMF & Neurodegenerative.pdf                       | 1307 |
| 8441 | 28/02/09   | NRPB ELF EMF & Risk of Cancer.pdf                          | 7402 |
| 8442 | 24/03/08   | NRPB Vicinity of Power Lines.pdf                           | 360  |
| 8443 | 15/02/09   | Possible Effects of 50 Hz on Melatonin.pdf                 | 130  |
| 8444 | 15/05/10   | Precautionary approaches to ELF EMFs.pdf                   | 1031 |
| 8445 | 20/03/09   | Pulsed Currents below 100 kHz.pdf                          | 116  |
| 8446 | 21/02/12   | Research gaps.pdf  | 2008 |
| 8447 | 24/03/08   | Residential H Field Exposures in UKCCS.pdf                 | 1276 |
| 8448 | 02/06/10   | Sénat - Lignes HT et THT.pdf                               | 57   |
| 8449 | 29/08/11   | Static H Field by Large Railway Applications.pdf           | 430  |
| 8450 | <b>Exposition humaine\Environnements et machines</b> |  |      |
| 8451 | 04/03/13   | AM Broadcast Transmitter Coupling to a Large Crane.pdf     | 344  |
| 8452 | 23/08/04   | Antennes maritimes.pdf                                     | 116  |
| 8453 | 01/12/11   | Antennes-relais et santé - des scientifiques répondent.pdf | 255  |
| 8454 | 29/06/07   | Antennes-sante.pdf   | 210  |
| 8455 | 01/09/07   | Appareil Ondes Courtes Kinésithérapie.pdf                  | 37   |
| 8456 | 30/06/07   | Broadcast Towers.pdf                                       | 134  |
| 8457 | 28/06/07   | Canada Magnetic Resonance.pdf                              | 102  |
| 8458 | 28/06/07   | Canada Short-Wave Diathermy.pdf                            | 204  |
| 8459 | 29/07/07   | Card Readers & Pocket Dosimeters.pdf                       | 314  |
| 8460 | 25/02/16   | Cell phone report EHHI_2012.pdf                            | 1458 |
| 8461 | 24/07/07   | Champ H BF dans la voiture.pdf                             | 27   |
| 8462 | 16/09/04   | Charte GSM Paris.pdf                                       | 67   |
| 8463 | 24/07/07   | Chauffages ... accumulation.pdf                            | 11   |
| 8464 | 24/07/07   | Cinémomètres radar.pdf                                     | 35   |
| 8465 | 26/12/08   | Compliance Distance from RF Mobile.pdf                     | 502  |
| 8466 | 23/01/13   | Coupling Effects in Front of BS Antennas.pdf               | 121  |
| 8467 | 24/07/07   | Cuisinières ... induction.pdf                              | 25   |
| 8468 | 25/02/09   | Directive 2004-40 on Railways (UK).pdf                     | 111  |

|      |          |  |      |
|------|----------|--|------|
| 8469 | 10/11/14 | E Field of Building Close to Power Transmission Lines.pdf  | 768  |
| 8470 | 31/08/07 | E Field Under an MV Line.pdf                               | 178  |
| 8471 | 24/07/07 | Ecouteurs.pdf  | 26   |
| 8472 | 24/07/07 | Ecrans.pdf   | 35   |
| 8473 | 23/10/08 | E-Field of Cell-Phone-Base Stations.pdf                    | 156  |
| 8474 | 23/10/08 | E-Field of WiMAX Base Station.pdf                          | 192  |
| 8475 | 25/02/09 | Electricity industry.pdf                                   | 115  |
| 8476 | 25/02/09 | Electrolysis industry.pdf                                  | 90   |
| 8477 | 05/09/07 | Electronic Article Surveillance.pdf                        | 91   |
| 8478 | 18/04/11 | ELF E & H Fields Exposure for 132 kV Transmission Line.pdf | 199  |
| 8479 | 08/06/15 | ELF H Fields in Hybrid Cars.pdf                            | 829  |
| 8480 | 29/07/07 | ELF in plasma facility.pdf                                 | 6    |
| 8481 | 17/05/08 | EM Fields by Electrosurgical Units.pdf                     | 384  |
| 8482 | 15/02/09 | EM Pollution of the Environment.pdf                        | 137  |
| 8483 | 15/02/09 | EMF on Offshore Installations.pdf                          | 154  |
| 8484 | 24/03/08 | EMFs from Aviation Transponders.pdf                        | 1515 |
| 8485 | 23/04/13 | Emission From a Cable Attached to a Mobile Device.pdf      | 348  |
| 8486 | 29/06/07 | Environnement et santé.pdf                                 | 239  |
| 8487 | 29/07/07 | EPR Dose Reconstruction in Teeth.pdf                       | 100  |
| 8488 | 05/09/07 | Exposure to EMF Spot Welding Exposure.pdf                  | 396  |
| 8489 | 19/12/14 | Exposure to Resonant Wireless Power Transfer Systems.pdf   | 429  |
| 8490 | 18/06/04 | Fermilab static magnetic fields.pdf                        | 50   |
| 8491 | 12/03/15 | H Field Exposure Assessment in Electric Vehicles.pdf       | 460  |
| 8492 | 09/10/12 | Handset Antenna with SAR Reduction.pdf                     | 307  |
| 8493 | 11/09/07 | Health Implications in MRI.pdf                             | 680  |
| 8494 | 29/06/07 | Heaters ans sealers.pdf                                    | 1052 |
| 8495 | 14/10/08 | HERP HERO & HERF.pdf                                       | 82   |
| 8496 | 27/02/09 | High Voltage Power Lines.pdf                               | 607  |
| 8497 | 07/10/12 | Human Exposure in Arc-Welding Processes.pdf                | 400  |
| 8498 | 30/11/11 | Humans Exposed to Base-Station Antennas.pdf                | 656  |
| 8499 | 05/02/15 | Impact of E and H Fields from Submarine Cables.pdf         | 498  |
| 8500 | 27/07/07 | Induction continue.ppt                                     | 1807 |
| 8501 | 04/06/04 | IRPA Magnetic Resonance.pdf                                | 177  |
| 8502 | 08/03/08 | IRPA MR Examination.pdf                                    | 521  |
| 8503 | 04/06/04 | IRPA visual display units.pdf                              | 98   |

|      |          |  |      |
|------|----------|--|------|
| 8504 | 26/07/08 | IRPA-INIRC Magnetic resonance.pdf                  | 520  |
| 8505 | 29/07/07 | Laboratory & Office Equipment.pdf                  | 97   |
| 8506 | 24/07/07 | Lampes économiques.pdf                             | 25   |
| 8507 | 31/05/11 | Lampes fluocompactes.pdf                           | 28   |
| 8508 | 10/09/05 | Leaked Electric Field from Power Line.pdf          | 489  |
| 8509 | 25/02/09 | Magnetic resonance imaging (MRI).pdf               | 224  |
| 8510 | 05/09/07 | Magnetic Resonance imaging.pdf                     | 249  |
| 8511 | 11/09/07 | Magnetic Stray Field of MRI Scanners.pdf           | 764  |
| 8512 | 24/07/07 | Magnétothérapie.pdf                                | 38   |
| 8513 | 16/08/06 | Microwave Oven Leakage.pdf                         | 97   |
| 8514 | 10/02/09 | Mobile phone & Head Disease.pdf                    | 151  |
| 8515 | 30/09/07 | Near Field UHF RFID.pdf                            | 250  |
| 8516 | 01/09/07 | Notice coagulateur ophtalmique.pdf                 | 213  |
| 8517 | 13/09/07 | NRPB Mobile Phone Base Stations.pdf                | 424  |
| 8518 | 13/09/07 | NRPB Picocell Base Stations.pdf                    | 1409 |
| 8519 | 02/07/09 | Occupational Exposure to Base Station.pdf          | 489  |
| 8520 | 25/02/09 | Occupational Exposure to MRI.pdf                   | 1734 |
| 8521 | 25/12/08 | Open MRI Imaging Systems.pdf                       | 551  |
| 8522 | 21/02/12 | Overview of new technologies.pdf                   | 1237 |
| 8523 | 31/08/06 | Panorama ANFR France 2004.pdf                      | 393  |
| 8524 | 27/02/13 | People and Planes.pdf                              | 247  |
| 8525 | 14/05/07 | Practical EMF Management.pdf                       | 2206 |
| 8526 | 29/06/07 | Prévention soudage.pdf                             | 1664 |
| 8527 | 06/11/12 | Radar d'un destroyer américain.pdf                 | 37   |
| 8528 | 30/09/07 | Radar Safety.pdf                                   | 72   |
| 8529 | 07/10/12 | Radiation from Smartmeters.pdf                     | 201  |
| 8530 | 10/10/14 | Radiation from Wireless Power Transfer Systems.pdf | 976  |
| 8531 | 14/07/09 | Reduction of HV Lines H Field.pdf                  | 122  |
| 8532 | 24/07/07 | Réduction téléphones portables.pdf                 | 26   |
| 8533 | 12/10/08 | RF Radiation Hazards.pdf                           | 26   |
| 8534 | 29/07/07 | RF Workers with Metallic Implants.pdf              | 239  |
| 8535 | 01/03/12 | RFID Healthcare Report.pdf                         | 101  |
| 8536 | 06/10/07 | SAR of GSM Cellular Phones.pdf                     | 83   |
| 8537 | 01/10/12 | SAR Using Room Electromagnetics.pdf                | 523  |
| 8538 | 26/07/08 | Security and Similar Devices.pdf                   | 208  |

|      |   |   |      |
|------|---|---|------|
| 8539 | 16/10/12                                | Small Transmitters and RF Exposure.pdf                            | 192  |
| 8540 | 23/01/14                                | Smart metering.pdf  | 798  |
| 8541 | 29/06/07                                | Soudage haute fréquence.pdf                                       | 146  |
| 8542 | 07/07/04                                | Static Magnetic Fields.pdf  | 50   |
| 8543 | 07/10/12                                | Surface Heating in MRI RF Environment.pdf                         | 279  |
| 8544 | 21/02/12                                | Technologies in sub-RF frequency range.pdf                        | 1042 |
| 8545 | 13/09/07                                | Vicinity of Power Lines.pdf                                       | 376  |
| 8546 | 01/09/06                                | Video Display Terminals.pdf                                       | 541  |
| 8547 | 11/01/05                                | Visual display units.pdf  | 246  |
| 8548 | 11/09/05                                | Walk-Through Metal Detectors Safety.pdf                           | 284  |
| 8549 | 25/02/09                                | Welding EMF- Impact.pdf   | 1740 |
| 8550 | 17/12/07                                | Wireless Communication Exposure.pdf                               | 94   |
| 8551 | 23/04/13                                | Wireless Resonant Power Transfer.pdf                              | 433  |
| 8552 | 14/10/08                                | X-Band Radar.pdf  | 60   |
| 8553 | <b>Exposition humaine\Epidémiologie</b> |   |      |
| 8554 | 27/11/08                                | Cohort - Mobile Phone Studies.pdf                                 | 818  |
| 8555 | 21/02/12                                | Cohort studies and epidemiological evidence.pdf                   | 715  |
| 8556 | 05/02/16                                | European Code against Cancer 4th Edition.pdf                      | 446  |
| 8557 | 26/11/08                                | Experimental research on EMF.pdf                                  | 2125 |
| 8558 | 21/02/12                                | Exposure Assessment for Epidemiological Studies.pdf               | 1899 |
| 8559 | 27/02/13                                | Exposure to EMF and cancer.pdf                                    | 58   |
| 8560 | 27/11/08                                | Feychting - ELF and breast cancer.pdf                             | 105  |
| 8561 | 27/11/08                                | Feychting - ELF exposure indices.pdf                              | 111  |
| 8562 | 31/03/10                                | German Wide Cross Sectional Survey.pdf                            | 66   |
| 8563 | 27/11/08                                | Greenland - Logic of Biases.pdf                                   | 69   |
| 8564 | 27/11/08                                | Greenland - Meta-analyses.pdf                                     | 27   |
| 8565 | 23/11/13                                | Idiopathic Intolerance Attributed to EMF.pdf                      | 135  |
| 8566 | 26/11/08                                | Kheifets ELF & Other Cancers.pdf                                  | 1265 |
| 8567 | 27/11/08                                | Lagorio - Mobile phone brain tumours.pdf                          | 438  |
| 8568 | 14/01/13                                | Le Point - Académie de médecine contre principe de précaution.pdf | 147  |
| 8569 | 27/11/08                                | Magnani - Childhood Leukemia.pdf                                  | 334  |
| 8570 | 27/11/08                                | Magnani - Epidemiology basics.pdf                                 | 1152 |
| 8571 | 27/11/08                                | Mild - Electrical appliances.pdf                                  | 851  |
| 8572 | 27/11/08                                | Mild - Occupational Safety.pdf                                    | 134  |
| 8573 | 27/11/08                                | Neubauer - EUSCENIHR Opinion.pdf                                  | 109  |

|      |  |  |      |
|------|--|--|------|
| 8574 | 27/11/08                                 | Neubauer - Exposure Surveys-2008.pdf         | 1027 |
| 8575 | 04/04/09                                 | NIOSH VDT Epidemiology.pdf                   | 829  |
| 8576 | 21/02/12                                 | Perspectives for future research.pdf         | 249  |
| 8577 | 26/11/08                                 | Public health uncertainty.pdf                | 769  |
| 8578 | 25/02/16                                 | RF Fields and their Biological Effects.pdf   | 983  |
| 8579 | 27/11/08                                 | Roosli - EMF subjective symptoms.pdf         | 286  |
| 8580 | 27/11/08                                 | Roosli - Epidemiological errors.pdf          | 669  |
| 8581 | 27/11/08                                 | Roosli- Fixed transmitters study.pdf         | 224  |
| 8582 | 27/11/08                                 | Schlehofer - Brain Tumor Epidemiology.pdf    | 660  |
| 8583 | 27/11/08                                 | Schlehofer - Studies practical issues.pdf    | 207  |
| 8584 | 27/11/08                                 | Schuz - ELF & Childhood Leukemia.pdf         | 421  |
| 8585 | 08/10/10                                 | Sensitivity of Children to EMF.pdf           | 226  |
| 8586 | 29/04/14                                 | Stress effects and psychological aspects.pdf | 108  |
| 8587 | 21/02/12                                 | Uncertainty in epidemiological studies.pdf   | 1486 |
| 8588 | 27/11/08                                 | Vecchia - Epidemiology Guidelines.pdf        | 717  |
| 8589 | 27/11/08                                 | Vecchia - RF Exposure Indices.pdf            | 1195 |
| 8590 | <b>Exposition humaine\Europe EMF-NET</b> |  |      |
| 8591 | 02/07/09                                 | Balconies and Roofs TV Aerial Exposure.pdf   | 20   |
| 8592 | 02/07/09                                 | Cell phone & human semen quality.pdf         | 25   |
| 8593 | 05/08/08                                 | D11 Medical Application.pdf                  | 47   |
| 8594 | 25/12/08                                 | D12 Main parameters & technologies.pdf       | 76   |
| 8595 | 15/02/09                                 | D13 In Vitro Mechanisms Action.pdf           | 81   |
| 8596 | 25/12/08                                 | D14 Clinical level of evidence.pdf           | 92   |
| 8597 | 15/05/09                                 | D15_c Epidemiological studies.pdf            | 170  |
| 8598 | 04/11/07                                 | D15b Epidemiology Studies on ELF 2006.pdf    | 70   |
| 8599 | 04/11/07                                 | D16b Reports EMF health effects 2006.pdf     | 60   |
| 8600 | 19/04/09                                 | D17 RF Health effects & research needs.pdf   | 339  |
| 8601 | 05/08/08                                 | D18 Reports on health effects 2006.pdf       | 43   |
| 8602 | 05/08/08                                 | D1bis & ter Laboratory Studies ELF.pdf       | 238  |
| 8603 | 05/08/08                                 | D21b Infrastructure EMF-NET EIS-EMF.pdf      | 37   |
| 8604 | 15/02/09                                 | D24 Risk Communication in the EU.pdf         | 99   |
| 8605 | 04/11/07                                 | D30b EMF-NET European plans 2006.pdf         | 428  |
| 8606 | 05/08/08                                 | D32 EMF research in Central Europe.pdf       | 51   |
| 8607 | 25/12/08                                 | D34 Health Policy & EMF Legislation.pdf      | 49   |
| 8608 | 05/08/08                                 | D38 From science to public health.pdf        | 96   |

|      |  |  |      |
|------|--|--|------|
| 8609 | 05/08/08   | D3b Reports on cancer 2008.pdf               | 79   |
| 8610 | 05/08/08   | D4 bis Reproduction & development.pdf        | 142  |
| 8611 | 19/04/09   | D41 Theoretical mechanisms.pdf               | 104  |
| 8612 | 15/02/09   | D42 U & L bounds of possible effects.pdf     | 124  |
| 8613 | 15/02/09   | D43 U & L bounds cost-benefits.pdf           | 260  |
| 8614 | 05/08/08   | D49 EMF Final technical report 2008.pdf      | 253  |
| 8615 | 05/08/08   | D49 Final technical report & FactSheet.pdf   | 5519 |
| 8616 | 05/08/08   | D5ter Studies on Hypersensitivity.pdf        | 54   |
| 8617 | 11/08/08   | EBEA statement.pdf                           | 48   |
| 8618 | 02/02/09   | EC FP6 Comments on BI Report 2007.pdf        | 38   |
| 8619 | 02/02/09   | EC FP6 EMF Risk Assessment 2007.pdf          | 25   |
| 8620 | 02/02/09   | EC FP6 Short-Range Wireless Fact Sheet.pdf   | 27   |
| 8621 | 04/11/07   | EMF-NET Newsletter 01.pdf                    | 105  |
| 8622 | 04/11/07   | EMF-NET Newsletter 02.pdf                    | 164  |
| 8623 | 04/11/07   | EMF-NET Newsletter 03.pdf                    | 111  |
| 8624 | 04/11/07   | EMF-NET Newsletter 04.pdf                    | 479  |
| 8625 | 02/07/09   | FP6 Base stations and wellbeing.pdf          | 23   |
| 8626 | 02/07/09   | FP6 Comments on BioInitiative.pdf            | 37   |
| 8627 | 02/07/09   | FP6 Effects on Non-Human Organisms.pdf       | 35   |
| 8628 | 02/07/09   | FP6 Exposure to Short-Range Wireless.pdf     | 27   |
| 8629 | 02/07/09   | FP6 Ferrite Beads in Hands-Free Kits.pdf     | 30   |
| 8630 | 02/07/09   | FP6 Health Effects of Telephone Masts.pdf    | 25   |
| 8631 | 02/07/09   | FP6 High Voltage Power Lines.pdf             | 20   |
| 8632 | 02/07/09   | FP6 Issues on children.pdf                   | 26   |
| 8633 | 02/07/09   | FP6 Low-energy lamps exposure.pdf            | 22   |
| 8634 | 02/07/09   | FP6 Mobile telephone & base stations.pdf     | 27   |
| 8635 | 02/07/09   | FP6 Mobile telephones & brain cancer.pdf     | 28   |
| 8636 | 02/07/09   | FP6 Risk Assessment Initiatives.pdf          | 24   |
| 8637 | 02/07/09   | FP6 Safety of mobile communication.pdf       | 31   |
| 8638 | 06/07/09   | FP6 TETRA System.pdf                         | 25   |
| 8639 | 02/02/09   | Possible effects of EMF.pdf                  | 54   |
| 8640 | 14/02/09   | The EMF-NET conclusions.pdf                  | 199  |
| 8641 | <b>Exposition humaine\Exposition des personnes</b> |  |      |
| 8642 | 21/02/12   | Basics of Risk Assessment.pdf                | 3291 |
| 8643 | 27/02/13   | ELF magnetic fields in Swedish dwellings.pdf | 126  |

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| 8644 | 08/06/15 | EMF Guide to risk assessment.pdf                            | 578  |
| 8645 | 14/02/09 | EMF in the workplace.pdf                                    | 34   |
| 8646 | 24/10/14 | EMF Monitoring - Concepts, Activities, Gaps and Options.pdf | 215  |
| 8647 | 14/02/09 | Epidemiology in EMF Research.pdf                            | 93   |
| 8648 | 25/02/09 | European Mobile Network Operators.pdf                       | 126  |
| 8649 | 29/07/07 | Exposure in Hospital.pdf                                    | 26   |
| 8650 | 14/02/09 | Exposure of Workers to EMF.pdf                              | 229  |
| 8651 | 03/03/09 | Exposure to Ultrawideband EM Pulses.pdf                     | 196  |
| 8652 | 03/01/11 | Exposures to ELF Magnetic Fields.pdf                        | 255  |
| 8653 | 27/02/13 | French general practitioners (GPs).pdf                      | 65   |
| 8654 | 27/02/13 | Indoor IEEE 802.11 Base Stations.pdf                        | 146  |
| 8655 | 29/01/10 | International Standard Classification of Occupations.pdf    | 274  |
| 8656 | 08/10/08 | Mobile phone exposure inside elevator.pdf                   | 248  |
| 8657 | 14/02/09 | Mobile Telecommunication Exposure.pdf                       | 260  |
| 8658 | 25/02/09 | MRI - Dutch situation.pdf                                   | 278  |
| 8659 | 27/11/08 | Neubauer - Exposure to ELF.pdf                              | 1099 |
| 8660 | 27/11/08 | Neubauer - Exposures to RF.pdf                              | 309  |
| 8661 | 01/09/06 | NIOSH Occupational E & H Exposure.pdf                       | 813  |
| 8662 | 13/09/07 | NRPB Occupational Exposure.pdf                              | 310  |
| 8663 | 29/01/10 | Occupational EMF Exposure Assessment.pdf                    | 271  |
| 8664 | 30/09/07 | Occupational Exposure & Wireless Com.pdf                    | 25   |
| 8665 | 03/01/11 | Power Absorbed by Children's Head.pdf                       | 388  |
| 8666 | 12/06/11 | Power Line Worker Exposure to EMFs.pdf                      | 773  |
| 8667 | 25/02/09 | Project EMF-IMPACT.pdf                                      | 117  |
| 8668 | 12/07/08 | Radiofréquences et santé.pdf                                | 197  |
| 8669 | 27/02/13 | Real Life Exposure to 2G and 3G Base Stations.pdf           | 214  |
| 8670 | 07/03/09 | RF & Microwave Radiation Safety.pdf                         | 4233 |
| 8671 | 14/02/09 | RF exposure in the general population.pdf                   | 290  |
| 8672 | 18/02/13 | Risk analysis of human exposure to EMF.pdf                  | 554  |
| 8673 | 19/03/09 | Risques professionnels des CEM.pdf                          | 1094 |
| 8674 | 26/01/10 | SCENHIR Health Effects of Exposure to EMF.pdf               | 490  |
| 8675 | 08/06/15 | SCENIHR Potential Health Effects of EMF.pdf                 | 2825 |
| 8676 | 26/01/10 | SCENIHR Research needs.pdf                                  | 155  |
| 8677 | 27/02/13 | System to Evaluate Workers Exposure.pdf                     | 210  |
| 8678 | 14/02/09 | The SCENIHR Assessment on EMF.pdf                           | 218  |



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| 8679 | 14/02/09   | The SCENIHR EMF Methodology.pdf             | 83  |
| 8680 | 09/10/12   | UHF RFID Tag for Human Tracking.pdf         | 492 |
| 8681 | 25/02/09   | UK Broadcasting & Telecommunications.pdf    | 408 |
| 8682 | 14/02/09   | Variability of RF Personal Exposure.pdf     | 286 |
| 8683 | 03/01/11   | Whole-Body Exposures.pdf                    | 531 |
| 8684 | <b>Exposition humaine\Feuilles de calcul et logiciels</b>        |   |     |
| 8685 | 09/07/12   | B de référence BF.xls                       | 37  |
| 8686 | 22/07/05   | Calcul densité de courant.xls               | 16  |
| 8687 | 13/11/15   | Champs crête HF 2013.xls                    | 48  |
| 8688 | 05/07/07   | Champs crête HF.xls                         | 44  |
| 8689 | 20/06/13   | Champs référence E HF.xls                   | 35  |
| 8690 | 22/07/13   | Champs référence HF 1998.xls                | 36  |
| 8691 | 17/07/13   | Courants de référence.xls                   | 25  |
| 8692 | 17/07/13   | Durée de moyennage.xls                      | 15  |
| 8693 | 17/07/13   | E de référence BF 1999-519 & 2004-40.xls    | 37  |
| 8694 | 13/11/15   | E de référence BF 1999-519 & 2013-35.xls    | 54  |
| 8695 | 26/11/07   | E et H de référence public.xls              | 45  |
| 8696 | 06/01/08   | EMF-Project-07-18-07.xls                    | 610 |
| 8697 | 02/12/15   | Evolution B de référence BF ICNIRP.xls      | 52  |
| 8698 | 13/11/15   | Evolution des VA de B BF.xls                | 50  |
| 8699 | 17/07/13   | Incertitude ANFR V2.xls                     | 27  |
| 8700 | 17/12/15   | Induction magnétique BF.xls                 | 55  |
| 8701 | 16/07/07   | Niveaux de référence Anglais.xls            | 46  |
| 8702 | 16/07/07   | Niveaux de référence complets.xls           | 46  |
| 8703 | 19/07/07   | Niveaux de référence Français.xls           | 47  |
| 8704 | 28/05/08   | Niveaux de référence.xls                    | 41  |
| 8705 | 13/11/15   | Résumé des valeurs déclenchant l'action.xls | 61  |
| 8706 | 13/11/15   | VA(E) et VA(B) HF 2013.xls                  | 48  |
| 8707 | <b>Exposition humaine\Feuilles de calcul et logiciels\fm210c</b> |   |     |
| 8708 | 27/04/93   | CMDIALOG.VBX                                | 19  |
| 8709 | 03/12/97   | FMinst.inf                                  | 1   |
| 8710 | 03/05/07   | fmmodel.ant                                 | 3   |
| 8711 | 13/02/13   | FMmodel.exe                                 | 77  |
| 8712 | 23/05/03   | FMmodel.out                                 | 17  |
| 8713 | 05/06/02   | FMmodel1.ant                                | 2   |

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| 8714 | 03/12/97   | FMreadme.txt                           | 1    |
| 8715 | 27/04/93   | GRAPH.VBX                              | 71   |
| 8716 | 27/04/93   | GSW.EXE                                | 287  |
| 8717 | 27/04/93   | GSWDLL.DLL                             | 72   |
| 8718 | 16/07/93   | THREED.VBX                             | 64   |
| 8719 | 11/05/93   | VBRUN300.DLL                           | 398  |
| 8720 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0</b>  |  |      |
| 8721 | 15/08/08   | readme.txt                             | 2    |
| 8722 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0</b>                     |  |      |
| 8723 | 11/04/06   | Default.ini                            | 49   |
| 8724 | 07/03/13   | EMF-estimator.exe                      | 1159 |
| 8725 | 16/11/07   | EMF-estimator.ini                      |      |
| 8726 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_8_1</b> |  |      |
| 8727 | 19/04/07   | Figure_7_1_identification.exp          | 401  |
| 8728 | 19/03/07   | FM_H_4x4_098_K5231187.emf              | 8    |
| 8729 | 19/03/07   | GSM900_4_panels.emf                    | 8    |
| 8730 | 19/03/07   | GSM900_8_panels.emf                    | 8    |
| 8731 | 19/03/07   | UHF_ch-31_1x4.emf                      | 8    |
| 8732 | 19/03/07   | UHF_ch-36_4x4.emf                      | 8    |
| 8733 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_B_1</b> |  |      |
| 8734 | 23/06/06   | 732_448_GSM900_V_65_13_OT_15,5dBi.emf  | 8    |
| 8735 | 19/04/07   | Influence_radiation_pattern.exp        | 180  |
| 8736 | 28/08/06   | Isotropic.emf                          | 8    |
| 8737 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_B_2</b> |  |      |
| 8738 | 04/04/07   | FEKO GSM900_1_2m_4_patch_1_5m_atl.csv  | 36   |
| 8739 | 19/03/07   | GSM900_1_2m_4_patches.emf              | 8    |
| 8740 | 12/04/07   | GSM900_3D_1_2m_4_patches.em3           | 446  |
| 8741 | 22/11/07   | GSM900_FEKO_Point_source_1,5m_atl.exp  | 254  |
| 8742 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_B_3</b> |  |      |
| 8743 | 13/04/07   | FEKO_GSM900_1_2m_4_patches_32m_atl.csv | 14   |
| 8744 | 19/03/07   | GSM900_1_2m_4_patches.emf              | 8    |
| 8745 | 12/04/07   | GSM900_3D_1_2m_4_patches.em3           | 446  |
| 8746 | 22/04/07   | GSM900_FEKO_Point_source_32m_atl.exp   | 193  |
| 8747 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_1</b> |  |      |
| 8748 | 23/06/06   | 732_448_GSM900_V_65_13_OT_15,5dBi.emf  | 8    |

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| 8749 | 19/04/07   | Influence_antenna_heigth.exp          | 264  |
| 8750 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_2</b>             |                                       |      |
| 8751 | 23/06/06   | 732_448_GSM900_V_65_13_0T_15,5dBi.emf | 8    |
| 8752 | 23/06/06   | 737_906_GSM900_V_65_14_10T_15dBi.emf  | 8    |
| 8753 | 19/04/07   | Influence_antenna_downtilt_1_5m.exp   | 266  |
| 8754 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_3</b>             |                                       |      |
| 8755 | 23/06/06   | 732_448_GSM900_V_65_13_0T_15,5dBi.emf | 8    |
| 8756 | 23/06/06   | 737_906_GSM900_V_65_14_10T_15dBi.emf  | 8    |
| 8757 | 19/04/07   | Influence_antenna_downtilt_31m.exp    | 119  |
| 8758 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_4</b>             |                                       |      |
| 8759 | 23/06/06   | 732_448_GSM900_V_65_13_0T_15,5dBi.emf | 8    |
| 8760 | 23/06/06   | 739_854_GSM900_V_65_7,5_0T_18dBi.emf  | 8    |
| 8761 | 19/04/07   | Influence_antenna_gain_1_5m.exp       | 201  |
| 8762 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_5</b>             |                                       |      |
| 8763 | 23/06/06   | 732_448_GSM900_V_65_13_0T_15,5dBi.emf | 8    |
| 8764 | 23/06/06   | 739_854_GSM900_V_65_7,5_0T_18dBi.emf  | 8    |
| 8765 | 19/04/07   | Influence_antenna_gain_31m.exp        | 301  |
| 8766 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_7</b>             |                                       |      |
| 8767 | 30/04/07   | FM_low_power.exp                      | 319  |
| 8768 | 30/04/07   | FM_Low_Power_after_mod.emf            | 8    |
| 8769 | 30/04/07   | FM_Low_Power_original.emf             | 8    |
| 8770 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Examples\Figure_D_9</b>             |                                       |      |
| 8771 | 11/04/07   | 730_370_GSM900_V_90_13_0T_14dBi.emf   | 8    |
| 8772 | 23/06/06   | 732_448_GSM900_V_65_13_0T_15,5dBi.emf | 8    |
| 8773 | 19/04/07   | Influence_antenna_HRP.exp             | 414  |
| 8774 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Install</b>                         |                                       |      |
| 8775 | 02/05/07   | EMF-estimator.CAB                     | 3978 |
| 8776 | 07/03/13   | setup.exe                             | 141  |
| 8777 | 02/05/07   | SETUP.LST                             | 5    |
| 8778 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library</b>                         |                                       |      |
| 8779 | 28/08/06   | Isotropic.emf                         | 8    |
| 8780 | 10/04/07   | TEST.exp                              | 524  |
| 8781 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\!_User_import_templates</b> |                                       |      |
| 8782 | 22/05/07   | User_2D_Import_Radiation_Pattern.csv  | 7    |
| 8783 | 22/05/07   | User_3D_Import_Radiation_Pattern.csv  | 1182 |

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| 8784 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\AM_antennas</b> |                         |   |
| 8785 | 30/08/06   | HF_6MHz_HRS_2_1_0,5.emf | 8 |
| 8786 | 25/08/06   | LF_MF_0,25_monopole.emf | 8 |
| 8787 | 16/04/07   | LF_MF_0,55_monopole.emf | 8 |
| 8788 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(1x3)</b>    |                         |   |
| 8789 | 11/04/07   | FM_(1x3)_104,9_V.emf    | 8 |
| 8790 | 11/04/07   | FM_(1x3)_89,9_V.emf     | 8 |
| 8791 | 11/04/07   | FM_(1x3)_97,9_H.emf     | 8 |
| 8792 | 11/04/07   | FM_(1x3)_98,4_H.emf     | 8 |
| 8793 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(1x4)_H</b>  |                         |   |
| 8794 | 17/04/07   | FM_(1x4)_88,4_H.emf     | 8 |
| 8795 | 17/04/07   | FM_(1x4)_94,5_H.emf     | 8 |
| 8796 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(1x4)_V</b>  |                         |   |
| 8797 | 02/05/07   | FM_(1x4)_102,4_V.emf    | 8 |
| 8798 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(2x3)_H</b>  |                         |   |
| 8799 | 19/04/07   | FM_(2x3)_91,3_H.emf     | 8 |
| 8800 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(2x3)_V</b>  |                         |   |
| 8801 | 18/04/07   | FM_(2x3)_89,9_V.emf     | 8 |
| 8802 | 18/04/07   | FM_(2x3)_94,2_V.emf     | 8 |
| 8803 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(2x4)_H</b>  |                         |   |
| 8804 | 17/04/07   | FM_(2x4)_93,8_H.emf     | 8 |
| 8805 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(3x3)_V</b>  |                         |   |
| 8806 | 17/04/07   | FM_(3x3)_93,7_V.emf     | 8 |
| 8807 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(4x3)_H</b>  |                         |   |
| 8808 | 13/04/07   | FM_(4x3)_89,1_H.emf     | 8 |
| 8809 | 20/11/06   | FM_(4x3)_98,7_H.emf     | 8 |
| 8810 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(4x4)_H</b>  |                         |   |
| 8811 | 17/04/07   | FM_(4x4)_100,7_H.emf    | 8 |
| 8812 | 17/04/07   | FM_(4x4)_97,9_H.emf     | 8 |
| 8813 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(4x4)_V</b>  |                         |   |
| 8814 | 13/04/07   | FM_(4x4)_97,1_V.emf     | 8 |
| 8815 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(6x3)_H</b>  |                         |   |
| 8816 | 16/04/07   | FM_(6x3)_102,2_H.emf    | 8 |
| 8817 | 16/04/07   | FM_(6x3)_107,9_H.emf    | 8 |
| 8818 | 16/04/07   | FM_(6x3)_98_H.emf       | 8 |

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| 8819 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(6x3)_V</b>                    |  |
| 8820 | 16/04/07   | FM_(6x3)_97,1_V.emf 8                      |
| 8821 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(6x4)_H</b>                    |  |
| 8822 | 12/04/07   | FM_(6x4)_101_H.emf 8                       |
| 8823 | 12/04/07   | FM_(6x4)_90,5_H.emf 8                      |
| 8824 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(8x3)_H</b>                    |  |
| 8825 | 13/04/07   | FM_(8x3)_104,6_H.emf 8                     |
| 8826 | 16/04/07   | FM_(8x3)_105,1_H.emf 8                     |
| 8827 | 16/04/07   | FM_(8x3)_98_H.emf 8                        |
| 8828 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(8x4)_H</b>                    |  |
| 8829 | 12/04/07   | FM_(8x4)_106,8_H.emf 8                     |
| 8830 | 12/04/07   | FM_(8x4)_92,3_H.emf 8                      |
| 8831 | 12/04/07   | FM_(8x4)_93,6_H.emf 8                      |
| 8832 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\FM_(8x5)_H</b>                    |  |
| 8833 | 13/04/07   | FM_(8x5)_98_H_a.emf 8                      |
| 8834 | 13/04/07   | FM_(8x5)_98_H_b.emf 8                      |
| 8835 | <b>xposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM_900 Eurocell A-Panels-XP</b>   |  |
| 8836 | 22/06/06   | 739_619_GSM900_X_65_70_OT 9dBi.emf 8       |
| 8837 | 22/06/06   | 739_622_GSM900_X_65_15_OT 15,5dBi.emf 8    |
| 8838 | 22/06/06   | 739_623_GSM900_X_65_10_OT 17dBi.emf 8      |
| 8839 | 22/06/06   | 739_630_GSM900_X_65_7_OT 18dBi.emf 8       |
| 8840 | 18/07/06   | 739_632_GSM900_X_65_15_6T 15dBi.emf 8      |
| 8841 | 22/06/06   | 739_648_GSM900_X_90_16_OT 13,5dBi.emf 8    |
| 8842 | 22/06/06   | 739_649_GSM900_X_90_10_OT 15,5dBi.emf 8    |
| 8843 | 22/06/06   | 739_650_GSM900_X_90_7_OT 17dBi.emf 8       |
| 8844 | 22/06/06   | 739_661_GSM900_X_90_13_8T 15dBi.emf 8      |
| 8845 | <b>osition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM_900 Eurocell Panels-Dual Pol</b> |  |
| 8846 | 23/06/06   | 736_767_GSM900_H,V_65_18_OT 14dBi.emf 8    |
| 8847 | 23/06/06   | 737_652_GSM900_H,V_65_13_OT 15,5dBi.emf 8  |
| 8848 | 23/06/06   | 737_656_GSM900_H,V_65_6,5_OT 18,5dBi.emf 8 |
| 8849 | 23/06/06   | 738_332_GSM900_H,V_90_13_OT 14dBi.emf 8    |
| 8850 | 23/06/06   | 738_578_GSM900_H,V_90_6,5_OT 17dBi.emf 8   |
| 8851 | 23/06/06   | 739_348_GSM900_H,V_65_9_6T 17dBi.emf 8     |
| 8852 | <b>osition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM_900 Eurocell Panels-Vertical</b> |  |
| 8853 | 23/06/06   | 730_362_GSM900_V_90_27_OT 11dBi.emf 8      |

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| 8854 | 11/04/07   | 730_370_GSM900_V_90_13_0T 14dBi.emf      | 8 |
| 8855 | 23/06/06   | 730_380_GSM900_V_105_6,5_0T 16,5dBi.emf  | 8 |
| 8856 | 23/06/06   | 732_433_GSM900_V_65_6,5_0T 18,5dBi.emf   | 8 |
| 8857 | 23/06/06   | 732_447_GSM900_V_65_27_0T 12,5dBi.emf    | 8 |
| 8858 | 23/06/06   | 732_448_GSM900_V_65_13_0T 15,5dBi.emf    | 8 |
| 8859 | 23/06/06   | 732_479_GSM900_V_105_13_0T 13,5dBi.emf   | 8 |
| 8860 | 23/06/06   | 732_480_GSM900_V_90_13_0T 14dBi.emf      | 8 |
| 8861 | 23/06/06   | 732_967_GSM900_V_90_8,5_0T 15,5dBi.emf   | 8 |
| 8862 | 23/06/06   | 736_077_GSM900_V_90_14_10T 13,5dBi.emf   | 8 |
| 8863 | 23/06/06   | 737_906_GSM900_V_65_14_10T 15dBi.emf     | 8 |
| 8864 | 23/06/06   | 739_418_GSM900_V_90_6,5_0T 17dBi.emf     | 8 |
| 8865 | 23/06/06   | 739_854_GSM900_V_65_7,5_0T 18dBi.emf     | 8 |
| 8866 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM 900+1800 Dual-band A-Panels</b> |  |   |
| 8867 | 27/06/06   | 741_316_GSM1800_XX_60_19_0T 13dBi.emf    | 8 |
| 8868 | 27/06/06   | 741_316_GSM900_XX_65_28_0T 12,5dBi.emf   | 8 |
| 8869 | 27/06/06   | 741_326_GSM1800_XX_60_8_0T 17dBi.emf     | 8 |
| 8870 | 27/06/06   | 741_326_GSM900_XX_65_14_0T 15dBi.emf     | 8 |
| 8871 | 27/06/06   | 741_327_GSM1800_XX_60_5,5_0T 18,5dBi.emf | 8 |
| 8872 | 27/06/06   | 741_327_GSM900_XX_65_9,5_0T 17dBi.emf    | 8 |
| 8873 | 27/06/06   | 741_328_GSM1800_XX_60_4_0T 19,5dBi.emf   | 8 |
| 8874 | 27/06/06   | 741_328_GSM900_XX_65_7_0T 18dBi.emf      | 8 |
| 8875 | 27/06/06   | 741_344_GSM1800_XX_60_6,5_6T 18dBi.emf   | 8 |
| 8876 | 27/06/06   | 741_344_GSM900_XX_65_7_6T 17,5dBi.emf    | 8 |
| 8877 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM 1800 PCS VPol</b>               |  |   |
| 8878 | 11/07/06   | 734_304_GSM1800_V_65_55_0T 10dBi.emf     | 8 |
| 8879 | 11/07/06   | 734_318_GSM1800_V_90_55_0T 8dBi.emf      | 8 |
| 8880 | 11/07/06   | 734_330_GSM1800_V_90_5_2T 17,5dBi.emf    | 8 |
| 8881 | 11/07/06   | 735_147_GSM1800_V_65_7_2T 18dBi.emf      | 8 |
| 8882 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM 1800 PCS XPol</b>               |  |   |
| 8883 | 26/06/06   | 739_490_GSM1800_X_65_13_0T 15,5dBi.emf   | 8 |
| 8884 | 26/06/06   | 739_495_GSM1800_X_65_6,5_2T 18dBi.emf    | 8 |
| 8885 | 26/06/06   | 739_498_GSM1800_X_65_7_2T 19,5dBi.emf    | 8 |
| 8886 | 26/06/06   | 739_695_GSM1800_X_90_55_0T 8dBi.emf      | 8 |
| 8887 | 26/06/06   | 739_707_GSM1800_X_90_7_2T 16,5dBi.emf    | 8 |
| 8888 | 26/06/06   | 739_710_GSM1800_X_90_5_2T 17,5dBi.emf    | 8 |

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| 8889 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\GSM_3D</b>              |  |
| 8890 | 30/04/07   | GSM900_3D_0_3m_90_56_0T.em3 446        |
| 8891 | 30/04/07   | GSM900_3D_0_6m_90_27_0T.em3 446        |
| 8892 | 30/04/07   | GSM900_3D_1_2m_90_13_0T.em3 446        |
| 8893 | 10/05/07   | GSM900_3D_1_8m_90_9_0T.em3 446         |
| 8894 | 30/04/07   | GSM900_3D_2_4m_90_7_0T.em3 446         |
| 8895 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\Radio_Link_envelope</b> |  |
| 8896 | 01/09/06   | RL_25GHz_UKY210_10_SC11_envelope.emf 8 |
| 8897 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_UHF_(12x4)_H</b>     |  |
| 8898 | 25/04/07   | TV_UHF_(12x4)_471_H.emf 8              |
| 8899 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_UHF_(16x4)_H</b>     |  |
| 8900 | 10/04/07   | TV_UHF_(16x4)_583_H.emf 8              |
| 8901 | 10/04/07   | TV_UHF_(16x4)_599_H.emf 8              |
| 8902 | 10/04/07   | TV_UHF_(16x4)_607_H.emf 8              |
| 8903 | 10/04/07   | TV_UHF_(16x4)_631_H.emf 8              |
| 8904 | 10/04/07   | TV_UHF_(16x4)_687_H.emf 8              |
| 8905 | 11/04/07   | TV_UHF_(16x4)_711_H.emf 8              |
| 8906 | 10/04/07   | TV_UHF_(16x4)_775_H.emf 8              |
| 8907 | 11/04/07   | TV_UHF_(16x4)_783_H.emf 8              |
| 8908 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_UHF_(1x4)_H</b>      |  |
| 8909 | 10/04/07   | TV_UHF_(1x4)_623_H.emf 8               |
| 8910 | 10/04/07   | TV_UHF_(1x4)_687_H.emf 8               |
| 8911 | 10/04/07   | TV_UHF_(1x4)_711_H.emf 8               |
| 8912 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_UHF_(2x4)_H</b>      |  |
| 8913 | 10/04/07   | TV_UHF_(2x4)_471_H.emf 8               |
| 8914 | 11/04/07   | TV_UHF_(2x4)_567_H.emf 8               |
| 8915 | 10/04/07   | TV_UHF_(2x4)_767_H.emf 8               |
| 8916 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_UHF_(4x4)_H</b>      |  |
| 8917 | 10/04/07   | TV_UHF_(4x4)_567_H.emf 8               |
| 8918 | 10/04/07   | TV_UHF_(4x4)_575_H.emf 8               |
| 8919 | 12/04/07   | TV_UHF_(4x4)_639_H.emf 8               |
| 8920 | 10/04/07   | TV_UHF_(4x4)_775_H.emf 8               |
| 8921 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_UHF_(8x4)_H</b>      |  |
| 8922 | 12/04/07   | UHF_TV_(8x4)_599_H.emf 8               |
| 8923 | 25/10/06   | UHF_TV_(8x4)_631_H.emf 8               |

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| 8924 | 10/04/07   | UHF_TV_(8x4)_735_H.emf                                     | 8    |
| 8925 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_VHF(1x4)_H</b> |  |      |
| 8926 | 02/05/07   | TV_VHF_(1x4)_223_H.emf                                     | 8    |
| 8927 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_VHF_(12x4)</b> |  |      |
| 8928 | 02/05/07   | TV_VHF_(12x4)_183_H.emf                                    | 8    |
| 8929 | 02/05/07   | TV_VHF_(12x4)_199_H.emf                                    | 8    |
| 8930 | 02/05/07   | TV_VHF_(12x4)_199_V.emf                                    | 8    |
| 8931 | 02/05/07   | TV_VHF_(12x4)_223_H.emf                                    | 8    |
| 8932 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_VHF_(16x4)</b> |  |      |
| 8933 | 17/04/07   | TV_VHF_(16x4)_207_H_a.emf                                  | 8    |
| 8934 | 02/05/07   | TV_VHF_(16x4)_207_H_b.emf                                  | 8    |
| 8935 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_VHF_(2x4)</b>  |  |      |
| 8936 | 10/04/07   | TV_VHF_(2x4)_215_H.emf                                     | 8    |
| 8937 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_VHF_(4x4)</b>  |  |      |
| 8938 | 17/04/07   | TV_VHF_(4x4)_215_H_a.emf                                   | 8    |
| 8939 | 25/04/07   | TV_VHF_(4x4)_215_H_b.emf                                   | 8    |
| 8940 | <b>Exposition humaine\Feuilles de calcul et logiciels\Software EMF_estimator_v1_1_0\EMF_estimator_v1_1_0\Library\TV_VHF_(8x4)</b>  |  |      |
| 8941 | 11/04/07   | TV_VHF_(8x4)_191_H.emf                                     | 8    |
| 8942 | <b>Exposition humaine\Hypersensibilité EM</b>  |  |      |
| 8943 | 31/08/06   | 2001 Mobile Health Implication.pdf                         | 57   |
| 8944 | 30/06/07   | 296 Hypersensibilité électromagnétique.pdf                 | 61   |
| 8945 | 08/02/14   | AFSSET - Hypersensibilité électromagnétique.pdf            | 290  |
| 8946 | 06/04/12   | AFSSET Hypersensibilité 2009.pdf                           | 265  |
| 8947 | 07/03/13   | ANFRHypersensibilité.pdf                                   | 151  |
| 8948 | 29/06/12   | Are some people Hypersensitive?.pdf                        | 914  |
| 8949 | 30/09/15   | Australian Electromagnetic Hypersensitivity.pdf            | 287  |
| 8950 | 05/02/16   | Characterizing and identifying electrohypersensitivity.pdf | 1709 |
| 8951 | 27/11/08   | COMAR Hypersensitivity.pdf                                 | 46   |
| 8952 | 01/09/06   | Critique TNO UMTS Suisse.pdf                               | 64   |
| 8953 | 11/05/07   | Dirty Electricity Studies .pdf                             | 455  |
| 8954 | 04/11/07   | Electromagnetic Hypersensitivity WHO.pdf                   | 912  |
| 8955 | 11/05/07   | EMF hypersensitivity Syndrome.pdf                          | 61   |
| 8956 | 16/01/14   | EMHS - Evidence for a Neurological Syndrome.pdf            | 1009 |
| 8957 | 08/02/14   | Hypersensibilité aux champs EM- étude clinique.pdf         | 63   |
| 8958 | 29/06/12   | Hypersensibilité CEM - étude clinique.pdf                  | 53   |



|      |                                  |  |      |
|------|----------------------------------|--|------|
| 8959 | 01/09/06                         | Hypersensitivity Experiment.pdf            | 68   |
| 8960 | 11/05/07                         | Hypersensitivity to electricity.pdf        | 303  |
| 8961 | 01/09/06                         | IET Position Statement - May 2006.pdf      | 57   |
| 8962 | 01/09/06                         | INRS TD88 Médecine du travail.pdf          | 85   |
| 8963 | 09/02/08                         | Ireland HPA-RPD-010.pdf                    | 150  |
| 8964 | 03/08/11                         | Non-specific physical symptoms.pdf         | 550  |
| 8965 | 08/02/14                         | Norwegian EHS study.pdf                    | 201  |
| 8966 | 25/09/07                         | OMS & Hypersensibilité EM.pdf              | 36   |
| 8967 | 29/07/07                         | Perceived EM hypersensitivity.pdf          | 94   |
| 8968 | 01/09/06                         | Possible effects of EMF.pdf                | 60   |
| 8969 | 04/11/07                         | Report on studies on Hypersensitivity.pdf  | 54   |
| 8970 | 31/08/06                         | Review of Hypersensitivity.pdf             | 66   |
| 8971 | 01/09/06                         | Review of Provocation Studies.pdf          | 79   |
| 8972 | 16/01/14                         | RF Radiation Safety and Health.pdf         | 116  |
| 8973 | 31/08/06                         | Self-Reported EM Hypersensitivity.pdf      | 20   |
| 8974 | 21/02/12                         | Self-reported symptoms and terminology.pdf | 1497 |
| 8975 | 11/05/07                         | Stress-Related Symptoms.pdf                | 315  |
| 8976 | 01/09/06                         | Subjective Symptoms and EMF.pdf            | 413  |
| 8977 | 01/09/06                         | Swiss Non-Ionizing Radiation.pdf           | 113  |
| 8978 | 21/02/12                         | The perception of risk from EMFs.pdf       | 91   |
| 8979 | 21/02/12                         | Treatment for EM Hypersensitivity.pdf      | 87   |
| 8980 | 01/09/06                         | UMTS Exposure & Well-Being 2006.pdf        | 189  |
| 8981 | 31/08/06                         | Viewpoint EM Hypersensitivity 2005.pdf     | 41   |
| 8982 | 31/08/06                         | WHO Base stations & wireless.pdf           | 34   |
| 8983 | 01/09/06                         | WHO EM fields & public health page.pdf     | 83   |
| 8984 | <b>Exposition humaine\ICNIRP</b> |  |      |
| 8985 | 24/02/05                         | B de référence BF.pdf                      | 17   |
| 8986 | 02/06/05                         | Champs crête HF.pdf                        | 11   |
| 8987 | 04/12/03                         | Courants de référence.pdf                  | 11   |
| 8988 | 02/06/05                         | Durée de moyennage.pdf                     | 11   |
| 8989 | 02/06/05                         | E de référence BF.pdf                      | 11   |
| 8990 | 27/11/08                         | EMF Emitting New Technologies.pdf          | 159  |
| 8991 | 23/09/09                         | Epidemiology & the Elusive Nobel Prize.pdf | 112  |
| 8992 | 20/11/10                         | Fact Sheet LF EM Fields_2010.pdf           | 101  |
| 8993 | 20/11/10                         | Fact Sheet Static Magnetic Field_2009.pdf  | 81   |

|      |          |   |       |
|------|----------|---|-------|
| 8994 | 04/06/04 | ICNIRP - 2002 REPORT.pdf                      | 165   |
| 8995 | 20/11/10 | ICNIRP 100kHz-300GHz EMF Effects Review.pdf   | 1806  |
| 8996 | 18/06/04 | ICNIRP Aim & Roots.pdf                        | 74    |
| 8997 | 18/06/04 | ICNIRP An independent voice.pdf               | 151   |
| 8998 | 18/06/04 | ICNIRP Commission.pdf                         | 77    |
| 8999 | 31/10/09 | ICNIRP Consultation ELF 0709 (Draft).pdf      | 621   |
| 9000 | 18/06/04 | ICNIRP Consulting Members.pdf                 | 225   |
| 9001 | 22/09/13 | ICNIRP Devices using EM Fields.pdf            | 158   |
| 9002 | 23/02/15 | ICNIRP Draft 2015.pdf                         | 10625 |
| 9003 | 08/03/08 | ICNIRP EAS & Security devices.pdf             | 86    |
| 9004 | 15/02/09 | ICNIRP EM Fields and Cancer.pdf               | 464   |
| 9005 | 30/06/07 | ICNIRP EMF Guidelines 1998.pdf                | 175   |
| 9006 | 26/07/08 | ICNIRP EMF-Emitting New Technologies.pdf      | 170   |
| 9007 | 08/03/08 | ICNIRP Epidemiology literature.pdf            | 228   |
| 9008 | 08/03/08 | ICNIRP Epidemiology of RF Exposure.pdf        | 178   |
| 9009 | 25/03/11 | ICNIRP Fact Sheet LF 2010.pdf                 | 104   |
| 9010 | 08/01/15 | ICNIRP Guidelines 1 Hz to 100 kHz_2010.pdf    | 235   |
| 9011 | 08/01/15 | ICNIRP H field below 1 Hz_2014.pdf            | 264   |
| 9012 | 04/08/11 | ICNIRP IARC Classification of RF Fields.pdf   | 77    |
| 9013 | 09/03/11 | ICNIRP Interphone note.pdf                    | 56    |
| 9014 | 23/01/12 | ICNIRP mm Waves Statement 2012.pdf            | 98    |
| 9015 | 26/07/08 | ICNIRP MRI Patient Protection.pdf             | 230   |
| 9016 | 25/03/11 | ICNIRP note 2010.pdf                          | 65    |
| 9017 | 04/08/11 | ICNIRP note on interphone publication.pdf     | 67    |
| 9018 | 04/06/04 | ICNIRP philosophy.pdf                         | 97    |
| 9019 | 02/06/11 | ICNIRP Point de repère BF.pdf                 | 367   |
| 9020 | 30/07/04 | ICNIRP publist.pdf                            | 249   |
| 9021 | 04/03/04 | ICNIRP pulsed guidance.pdf                    | 79    |
| 9022 | 04/06/04 | ICNIRP radiotelephones.pdf                    | 204   |
| 9023 | 06/01/09 | ICNIRP Report 2004-2008.pdf                   | 52    |
| 9024 | 18/06/04 | ICNIRP Standing Committees.pdf                | 72    |
| 9025 | 04/12/10 | ICNIRP Statement EMF 2009.pdf                 | 41    |
| 9026 | 23/09/09 | ICNIRP Statement on the ICNIRP Guidelines.pdf | 41    |
| 9027 | 26/01/10 | ICNIRP Static Magnetic Field.pdf              | 101   |
| 9028 | 04/06/04 | ICNIRP Use of EMF guidelines.pdf              | 43    |

|      |  |   |      |
|------|--|---|------|
| 9029 | 26/07/08   | ICNIRP Visual Display Units.pdf             | 199  |
| 9030 | 30/07/04   | ICNIRP_Certificate-Scotland.pdf             | 9    |
| 9031 | 30/07/04   | ICNIRP_Certificate-Wales.pdf                | 9    |
| 9032 | 16/04/03   | ICNIRP-Kritik.pdf                           | 389  |
| 9033 | 13/04/11   | LF Fact Sheet 2010.pdf                      | 102  |
| 9034 | 16/04/03   | Limites H.pdf                               | 29   |
| 9035 | 27/01/10   | Magnetic Resonance Amendment.pdf            | 49   |
| 9036 | 25/06/07   | Niveaux de référence complets.pdf           | 20   |
| 9037 | 04/12/03   | Niveaux de référence.pdf                    | 14   |
| 9038 | 25/11/07   | RC-6 RF bases for exposure limits.pdf       | 154  |
| 9039 | 14/02/09   | The View from ICNIRP.pdf                    | 178  |
| 9040 | <b>Exposition humaine\Implants et appareils médicaux</b> |   |      |
| 9041 | 04/11/07   | 30 kHz - 50 MHz Pacemaker Threshold.pdf     | 158  |
| 9042 | 30/03/10   | Absorption by MRI with Pacemaker.pdf        | 358  |
| 9043 | 24/08/09   | Active Implantable Medical Device & MRI.pdf | 608  |
| 9044 | 05/03/13   | Active implants near TETRA-transmitters.pdf | 29   |
| 9045 | 01/09/07   | Alerte AFSS diathermie et implants.pdf      | 6    |
| 9046 | 01/09/07   | Alerte Office suisse de santé publique.pdf  | 100  |
| 9047 | 08/03/09   | Assessment of metallic implants.pdf         | 388  |
| 9048 | 01/09/07   | Base-Station GSM & 373 Pacemakers.pdf       | 537  |
| 9049 | 01/09/07   | Diathermie médicale suisse.pdf              | 31   |
| 9050 | 01/03/12   | EM immunity of medical devices.pdf          | 124  |
| 9051 | 01/03/12   | EMC between Pacemakers and RFID Systems.pdf | 151  |
| 9052 | 17/04/07   | Hearing Aid Research.pdf                    | 38   |
| 9053 | 05/03/13   | Heating of Passive Implants by RF EMF.pdf   | 343  |
| 9054 | 01/03/12   | Implantable Cardiovascular Devices.pdf      | 209  |
| 9055 | 23/12/07   | Implantable Medical Devices & RFID.pdf      | 237  |
| 9056 | 01/09/07   | Implants et GSM.pdf                         | 724  |
| 9057 | 27/06/07   | Implants Rules of Thumb.pdf                 | 406  |
| 9058 | 05/03/13   | Improving RF Safety in MRI.pdf              | 484  |
| 9059 | 01/06/03   | Interférences sur appareils médicaux.pdf    | 248  |
| 9060 | 04/11/07   | Magnetic Resonance Safety.pdf               | 143  |
| 9061 | 23/12/07   | Medical Equipment EMC Immunity.pdf          | 100  |
| 9062 | 17/10/06   | Medical Implants & Transient Overstress.pdf | 3271 |
| 9063 | 14/09/07   | Mobile Phones & Medical Equipment supp1.xls | 27   |

|      |  |   |      |
|------|--|---|------|
| 9064 | 14/09/07   | Mobile Phones & Medical Equipment.pdf                               | 120  |
| 9065 | 10/10/14   | MRI Compatibility of Cardiac Stent.pdf                              | 528  |
| 9066 | 28/08/15   | MRI Heating Reduction Using Absorption Material.pdf                 | 612  |
| 9067 | 28/08/15   | MRI RF Field Induced In Vivo Heating for Small Medical Implants.pdf | 333  |
| 9068 | 05/03/13   | MRI Safety of a Deep Brain Stimulator.pdf                           | 125  |
| 9069 | 05/03/13   | MRI Safety Testing of Implants.pdf                                  | 89   |
| 9070 | 25/11/06   | NF EN 45502-2-1_04 Implants médicaux actifs.pdf                     | 1151 |
| 9071 | 04/06/07   | Pacemaker at 50-60 Hz.pdf   | 291  |
| 9072 | 16/04/08   | Pacemakers and the MRI RF.pdf                                       | 190  |
| 9073 | 15/02/09   | Pacemakers Immunity to 50 MHz.pdf                                   | 158  |
| 9074 | 05/03/13   | Phantoms for assessment of medical implant SAR.pdf                  | 326  |
| 9075 | 02/10/07   | PrANSI-PC63.19-2006 Hearing Aids.pdf                                | 1726 |
| 9076 | 11/05/10   | prEN50527-2-1_10 Stimulateurs cardiaques.pdf                        | 904  |
| 9077 | 15/11/08   | Propagation in 400 MHz MICS Band.pdf                                | 953  |
| 9078 | 05/03/13   | Recording feature of cardiac pacemakers.pdf                         | 196  |
| 9079 | 05/03/13   | RFID Active Implantable Medical Device.pdf                          | 382  |
| 9080 | 09/10/14   | Scaling Approach to Estimate MRI RF Field.pdf                       | 438  |
| 9081 | 05/10/12   | Simulations of magnetocardiographic signals.pdf                     | 410  |
| 9082 | 23/01/14   | Testing of Common EM Environments.pdf                               | 98   |
| 9083 | 05/03/13   | UHF Implanted RFID Antenna for Health-care.pdf                      | 550  |
| 9084 | <b>Exposition humaine\Impulsions ultra courtes</b> |   |      |
| 9085 | 05/03/13   | Electrochemotherapy.pdf   | 38   |
| 9086 | 05/03/13   | Macromolecules in presence of HIRF.pdf                              | 263  |
| 9087 | 05/03/13   | Nano and Microsecond Pulsed Electric Field.pdf                      | 13   |
| 9088 | 05/03/13   | Nanosecond Duration Electric Pulses.pdf                             | 536  |
| 9089 | 05/03/13   | Reactivity inhibition due to H field.pdf                            | 267  |
| 9090 | 05/03/13   | Structure and Electroporation of Lipid Bilayers.pdf                 | 360  |
| 9091 | 05/03/13   | Temperature Changes During Electroporation.pdf                      | 490  |
| 9092 | <b>Exposition humaine\INRS</b>                     |   |      |
| 9093 | 02/05/07   | AFSSET Champs électromagnétiques.pdf                                | 391  |
| 9094 | 14/10/11   | DW28 Les champs électromagnétiques.pdf                              | 425  |
| 9095 | 06/10/07   | ED4200 Téléphonie mobile.pdf  | 233  |
| 9096 | 29/06/07   | ED4201 Généralités champs.pdf                                       | 937  |
| 9097 | 02/05/07   | ED4202 Sources de champs.pdf  | 326  |
| 9098 | 29/06/07   | ED4203 Effets sur l'homme.pdf                                       | 101  |

|      |          |  |      |
|------|----------|--|------|
| 9099 | 29/06/07 | ED4204 Champs EM Pro.pdf                             | 127  |
| 9100 | 06/10/07 | ED4205 Chauffage diélectrique.pdf                    | 277  |
| 9101 | 02/05/07 | ED4206 Stimulateurs cardiaques.pdf                   | 110  |
| 9102 | 07/03/13 | ED4207 Réseaux sans fil de proximité.pdf             | 309  |
| 9103 | 02/05/07 | ED4208 Ecrans visualisation.pdf                      | 187  |
| 9104 | 29/06/07 | ED4209 Imagerie par RMN.pdf                          | 242  |
| 9105 | 14/07/08 | ED4210 Lignes & Transfos.pdf                         | 295  |
| 9106 | 07/03/13 | ED4211 Chauffage par induction.pdf                   | 287  |
| 9107 | 26/07/08 | ED4215 CEM sur le corps humain.pdf                   | 125  |
| 9108 | 14/10/11 | ED4216 Grossesse et champs EM.pdf                    | 105  |
| 9109 | 23/09/10 | ED4217 RFID.pdf                                      | 120  |
| 9110 | 09/11/07 | ED5001 Risques au travail.pdf                        | 203  |
| 9111 | 19/09/04 | ED5004 Champs et ondes.pdf                           | 137  |
| 9112 | 09/11/07 | ED5018 Risques professionnels.pdf                    | 288  |
| 9113 | 07/03/13 | ED6136 Exposition travailleurs - Risques CEM.pdf     | 1890 |
| 9114 | 22/04/07 | ED874 Electricité statique.pdf                       | 3870 |
| 9115 | 09/10/11 | ICNIRP Point de repère BF 2011.pdf                   | 442  |
| 9116 | 30/11/08 | INRS - champs électromagnétiques.pdf                 | 306  |
| 9117 | 27/09/07 | INRS MetA1 Exposition chimique.pdf                   | 200  |
| 9118 | 16/05/09 | Les champs électromagnétiques.pdf                    | 279  |
| 9119 | 16/10/06 | ND2014 Stimulateurs cardiaques.pdf                   | 811  |
| 9120 | 06/10/07 | ND2112 Téléphones portables.pdf                      | 177  |
| 9121 | 06/10/07 | ND2139 Normes de CEM.pdf                             | 482  |
| 9122 | 06/09/04 | ND2143 Limites exposition.pdf                        | 356  |
| 9123 | 27/09/07 | ND2184 Champ H statique.pdf                          | 147  |
| 9124 | 15/02/07 | ND2252 Soudage par résistance.pdf                    | 449  |
| 9125 | 27/09/07 | NS209 Mesurage des champs.pdf                        | 1545 |
| 9126 | 14/10/11 | PR43 Champ magnétique statique.pdf                   | 213  |
| 9127 | 14/10/11 | PR47 Limites d'exposition aux champs BF.pdf          | 356  |
| 9128 | 15/02/08 | Protection contre le courant électrique.pdf          | 6215 |
| 9129 | 14/10/11 | R218 Machines RF de 3kHz ... 300MHz.pdf              | 1203 |
| 9130 | 04/07/13 | Réduire les risques liés aux champs EM.pdf           | 129  |
| 9131 | 23/11/13 | TC145 Intolérance idiopathique attribuée aux CEM.pdf | 204  |
| 9132 | 29/06/07 | TD141 Exposition Pro aux CEM.pdf                     | 484  |
| 9133 | 14/10/11 | TD178 Effets des rayonnements non ionisants.pdf      | 98   |

|      |   |  |      |
|------|---|--|------|
| 9134 | 23/11/13  | TD196 Effets biologiques des rayonnements EM.pdf       | 127  |
| 9135 | 27/09/07  | TD88 Effets des CEM 1997.pdf                           | 84   |
| 9136 | 06/10/07  | TF80 Téléphonie cellulaire.pdf                         | 185  |
| 9137 | 14/10/11  | TS684 Champs EM invisibles mais présents.pdf           | 852  |
| 9138 | <b>Exposition humaine\Logiciels\UIT K91_soft</b>                        |  |      |
| 9139 | 12/02/13  | Copyright Notice ITU-T K.91 Uncertainty calculator.txt | 2    |
| 9140 | 18/02/13  | Copyright Notice ITU-T K.91 Wattguard.txt              | 2    |
| 9141 | <b>Exposition humaine\Logiciels\UIT K91_soft\Uncertainty calculator</b> |  |      |
| 9142 | 05/03/13  | EN50413C.2.1.xls                                       | 10   |
| 9143 | 05/03/13  | EN50413C.2.2.xls                                       | 19   |
| 9144 | 05/03/13  | Example(step by step).doc                              | 324  |
| 9145 | 05/03/13  | measurement_results.xls                                | 10   |
| 9146 | 30/12/08  | OleDB.ApplicationBlocks.Data.dll                       | 29   |
| 9147 | 01/03/08  | org.in2bits.MyXls.dll                                  | 123  |
| 9148 | 16/04/12  | readme.chm   | 171  |
| 9149 | 05/03/13  | TYPE-A EXAMPLE.xls                                     | 10   |
| 9150 | 05/03/13  | TYPE-A EXAMPLE_2.1.xls                                 | 10   |
| 9151 | 17/04/12  | Uncertaintycalculator_v5.exe                           | 133  |
| 9152 | <b>Exposition humaine\Logiciels\UIT K91_soft\Watt_Guard</b>             |  |      |
| 9153 | 04/04/11  | Watt_Guard.jar   | 3045 |
| 9154 | <b>Exposition humaine\Logiciels\UIT K91_soft\Watt_Guard\NECData</b>     |  |      |
| 9155 | 14/12/10  | 10m_1_85MHz_11DD00BD2225326FDA99867008F2ED57.field     | 726  |
| 9156 | 14/12/10  | 10m_10_125MHz_57245F86DE03428000E54142B9D2C52C.field   | 724  |
| 9157 | 14/12/10  | 10m_14_175MHz_0E1888A31E40F3867409590354156049.field   | 721  |
| 9158 | 14/12/10  | 10m_18_118MHz_CF4106F1AFFD49AEEA7775648056E632.field   | 773  |
| 9159 | 14/12/10  | 10m_21_225MHz_900C708EBC25FA5B405F58130D726645.field   | 723  |
| 9160 | 14/12/10  | 10m_24_94MHz_1ACC9253457F8D5E85DAB597F5F9FDAA.field    | 724  |
| 9161 | 14/12/10  | 10m_28_85MHz_A8F08DBE1FD24A276EC007C64D64165D.field    | 725  |
| 9162 | 14/12/10  | 10m_3_65MHz_3D557017469F93DE737345388E4FD6CC.field     | 726  |
| 9163 | 14/12/10  | 10m_50_54MHz_3119649AB06F5D722EC27455DC8217E9.field    | 730  |
| 9164 | 14/12/10  | 10m_7_05MHz_8B166457E3A3AD32811559EC030C71B4.field     | 725  |
| 9165 | 14/12/10  | 12m_1_85MHz_AC98CD8394F83E87D116140B341D2FF4.field     | 725  |
| 9166 | 14/12/10  | 12m_3_65MHz_33639B85EA1F13C7AD2F4D34A9CC1C7E.field     | 725  |
| 9167 | 14/12/10  | 12m_7_05MHz_2ACEE9149EA5D3FE505D7D59A1ABFF09.field     | 722  |
| 9168 | 14/12/10  | 14m_1_85MHz_C675F528CE6A67B6CDD20D6F8C5E25A4.field     | 725  |

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| 9169 | 14/12/10 | 14m_3_65MHz_4809346317379CB6C599F887683FC282.field                        | 723 |
| 9170 | 14/12/10 | 14m_7_05MHz_DA67362AAA5EE140F2FDE43BF2738461.field                        | 722 |
| 9171 | 14/12/10 | 16m_1_85MHz_7061D74425EEF87C0631C53DEF461D52.field                        | 724 |
| 9172 | 14/12/10 | 16m_3_65MHz_66DCEFAB4AC919271130C6326B9EC037.field                        | 723 |
| 9173 | 14/12/10 | 16m_7_05MHz_B571FE202B4C60F78BF57EC24F30DE5D.field                        | 724 |
| 9174 | 14/12/10 | 18m_1_85MHz_6CB11E17B78A92A7B970AFB34212C83B.field                        | 724 |
| 9175 | 14/12/10 | 18m_3_65MHz_397FB3456DC34A38659CCF741C2ECE66.field                        | 723 |
| 9176 | 14/12/10 | 18m_7_1MHz_293816C4EB698DAAA5274C2FDD1736F0.field                         | 723 |
| 9177 | 14/12/10 | 20m_1_85MHz_EB8C7DFF30FDE2A157185F59DE12DBCB.field                        | 725 |
| 9178 | 14/12/10 | 20m_3_65MHz_E9DF3AF1353E68988043F2DFC51C451E.field                        | 724 |
| 9179 | 14/12/10 | 20m_7_05MHz_6D8CE56ABE9B18EEFC5E5DEBCB284C93.field                        | 724 |
| 9180 | 14/12/10 | 25m_1_85MHz_CDC5BD0FE21AE835F0A1FDE71E1409B8.field                        | 725 |
| 9181 | 14/12/10 | 25m_3_65MHz_1E3D506D234970B0554C8AB09FB59A2F.field                        | 726 |
| 9182 | 14/12/10 | 25m_7_05MHz_D22037F3E8A4584F62FA162615AC7837.field                        | 725 |
| 9183 | 14/12/10 | 2m-9El-X-Yagi_145MHz_B928AC77AA317A03DFA47E5D060376CB.field               | 648 |
| 9184 | 14/12/10 | 2m-9El-Yagi_145MHz_7ECD3524DA709A7CF1C29D4165BFABF9.field                 | 477 |
| 9185 | 14/12/10 | 30m_1_85MHz_AFA304B684BE4BF56D1B331691CCC68F.field                        | 725 |
| 9186 | 14/12/10 | 30m_3_65MHz_B793F66677AAE26A5F3076309AC8CC81.field                        | 723 |
| 9187 | 14/12/10 | 30m_7_05MHz_DF7FDCD699671E770AB36FE7FE3D5B49.field                        | 725 |
| 9188 | 14/12/10 | 3-6-2819_50_54MHz_CF4C91B1A8276AAE1E3D57F938A98435.field                  | 519 |
| 9189 | 14/12/10 | 4-El-12Ohm-285cm-10mm_50_54MHz_D8ACD737F47242C5F8C35B45EDFCC8E4.field     | 518 |
| 9190 | 14/12/10 | 4-El-12Ohm-360_50_54MHz_5A4392B70F9055B53ECAC7AAB4134F6C.field            | 519 |
| 9191 | 14/12/10 | 5el_50_LFA_low_noise_Yagi_50_54MHz_2BAAE56F2D0AB01A92F9634669251CD6.field | 984 |
| 9192 | 14/12/10 | 6m-HB9CV_50_54MHz_5370083010A5793D27C41D675764BCD4.field                  | 513 |
| 9193 | 14/12/10 | 8m_1_85MHz_18B15EB0BC32CE9237E269EA31AF9C00.field                         | 725 |
| 9194 | 14/12/10 | 8m_3_65MHz_94677133D2C8906A4422022DF4B75815.field                         | 726 |
| 9195 | 14/12/10 | 8m_7_05MHz_1CF3198DD2962C9D63869D2AE3BB0913.field                         | 725 |
| 9196 | 14/12/10 | Dipol_DIP_7_7_05MHz_B91D764C6B3E32CAFFA8313C772FF30A.field                | 421 |
| 9197 | 14/12/10 | Dipol_halfwelle_1_83MHz_COAEFB8DE7E12DD5A66B9B8A1790593B.field            | 592 |
| 9198 | 14/12/10 | Dipol_halfwelle_1_87MHz_650B84B4A7740D0ECA49694C62EA6BF7.field            | 482 |
| 9199 | 14/12/10 | Dipol_halfwelle_1_895MHz_2DAFB6BD3032744B0D5828E24CCDB4BB.field           | 482 |
| 9200 | 14/12/10 | Dipol_halfwelle_10_125MHz_E291B6818E9DC2889E219C9610BF7478.field          | 484 |
| 9201 | 14/12/10 | Dipol_halfwelle_14_175MHz_A7AF22D1CEDDFD21C7D2B3B26B525390.field          | 485 |
| 9202 | 14/12/10 | Dipol_halfwelle_145MHz_71B30E8AF0B38726E8B12C2C4329EC5C.field             | 237 |
| 9203 | 14/12/10 | Dipol_halfwelle_18_118MHz_4C8E95CC3DED91AF17319322AA8C7AB3.field          | 545 |

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|------|----------|--|------|
| 9204 | 14/12/10 | Dipol_halfwelle_21_225MHz_6C152A89F7D4408B2ED81BB2F68FCBAD.field         | 485  |
| 9205 | 14/12/10 | Dipol_halfwelle_24_94MHz_65D5634247D0016065ADC12FBDFED33C.field          | 486  |
| 9206 | 14/12/10 | Dipol_halfwelle_28_85MHz_79113ACC35E005591CA83669F595383E.field          | 486  |
| 9207 | 14/12/10 | Dipol_halfwelle_3_65MHz_BF2A71760417D0C8B6784F289AC53955.field           | 483  |
| 9208 | 14/12/10 | Dipol_halfwelle_435MHz_F3E5519574FF1BB7C3E355248862A936.field            | 177  |
| 9209 | 14/12/10 | Dipol_halfwelle_50_54MHz_0925CEEB4F66D255187474D336916F8C.field          | 487  |
| 9210 | 14/12/10 | Dipol_halfwelle_7_05MHz_8F28C210EAA72C9869D40A088F1EDDEC.field           | 482  |
| 9211 | 14/12/10 | DL6WU_145MHz_CAE99F6105BF3700A9779C4F1309C639.field                      | 479  |
| 9212 | 14/12/10 | OB1-30_10_125MHz_D6B80339979FDAC1C87CB28D8A7B3D0F.field                  | 420  |
| 9213 | 14/12/10 | OB1-40S2_7_05MHz_CDEEE01642FD7897F3D05506E78876C3.field                  | 422  |
| 9214 | 14/12/10 | OB1-80_3_65MHz_6CD352BB81FEB1BC1B9FB392F39B323A.field                    | 943  |
| 9215 | 14/12/10 | OB2-30S2_10_125MHz_310DD0F5EAADF050E8283431D34AA292.field                | 517  |
| 9216 | 14/12/10 | OB2-80_neu2_SSB_3_65MHz_C24864C88BE782539F46A77552C36E2B.field           | 517  |
| 9217 | 14/12/10 | OB3-30_10_125MHz_49C466C68A6BF5B85E4E706154BDC1FF.field                  | 518  |
| 9218 | 14/12/10 | OB3-80+_SSB_neu_3_65MHz_ECEFFF961D50B470C40CD95183B95778.field           | 518  |
| 9219 | 14/12/10 | OB5-10_28_85MHz_E08E593BBC11F822A2AE82CFDD3B08C9.field                   | 196  |
| 9220 | 14/12/10 | OB5-12_24_94MHz_87D70ECF72587F779005D454A6D3D319.field                   | 521  |
| 9221 | 14/12/10 | OB5-15_21_225MHz_26162B0971BD68B7D7AE091FD4E407E8.field                  | 520  |
| 9222 | 14/12/10 | OB5-17_18_118MHz_C15EFBD84B102A4952DA96E7E6144D3F.field                  | 581  |
| 9223 | 14/12/10 | OB5-20_14_175MHz_A62E1F727CCE7E43F87C4C2FD18EC530.field                  | 519  |
| 9224 | 14/12/10 | OB6-10_28_85MHz_B036D35DF8BD54FE1D2D656D7AED249D.field                   | 518  |
| 9225 | 14/12/10 | spiderbeam_3band_201510_14_175MHz_98D2191A522CAAEA0C8479184F08D99E.field | 1244 |
| 9226 | 14/12/10 | spiderbeam_3band_201510_21_225MHz_EF94085E951E606990F05D619CE91DD2.field | 494  |
| 9227 | 14/12/10 | spiderbeam_3band_201510_28_85MHz_5AED13167DC96DD4F5514BE308669ACC.field  | 501  |
| 9228 | 14/12/10 | ww_dipol_40m_07664F73F02BAA60A172926B5DBAF7F6.field                      | 426  |
| 9229 | 14/12/10 | ww_dipol_40m_202A6062145048D1745E8371AB6B7EA6.field                      | 414  |
| 9230 | 05/01/11 | ww_quad_20m_n_AD023A626D81B670097EA5BBE4D7E0BC.field                     | 437  |
| 9231 | 14/12/10 | Yagi_DK7ZB_3-2-2870_145MHz_8D52AE7A535B3F16DD78C1E92B68F4ED.field        | 478  |
| 9232 | 14/12/10 | Yagi_DK7ZB_3-2-2882_145MHz_2F64FD5FE52FA37FE15F1CD7F9553B66.field        | 479  |
| 9233 | 14/12/10 | Yagi_DK7ZB_3-6-5018_50_54MHz_85B9A476DF6C09E834F7C9D153B4FB10.field      | 512  |
| 9234 | 14/12/10 | Yagi_DK7ZB_4-2-2812_145MHz_10mm_C978E21D0CA6783D07949728BEC03034.field   | 256  |
| 9235 | 14/12/10 | ZX10-2a_28_85MHz_E3A20870362FD9A5888DDEB749968FA9.field                  | 514  |
| 9236 | 14/12/10 | ZX10-3CL_28_85MHz_0AB1F5E86D5756E95756CC71D85FCC98.field                 | 519  |
| 9237 | 14/12/10 | ZX10-3DX_28_85MHz_66D00363519C7CA8ACB4F9E9800AAD77.field                 | 519  |
| 9238 | 14/12/10 | ZX10-4CL_28_85MHz_5A35BA8E85A9FA04B9B874DAAD31B0F1.field                 | 516  |



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| 9239 | 14/12/10 | ZX10-4DX_28_85MHz_272FFB6E2C02F75D94559A108EE3BDC1.field | 517  |
| 9240 | 14/12/10 | ZX10-5DXa_28_85_5CB75C5461B008BAA759881E0B9E2141.field   | 518  |
| 9241 | 14/12/10 | ZX10-6a_28_85MHz_5A5047BBBD20BECC25B27F1687B243A25.field | 519  |
| 9242 | 14/12/10 | ZX10-7a_28_85MHz_C4610CFA7B748E7B5F91BAD6DE86DCA6.field  | 518  |
| 9243 | 14/12/10 | ZX11-2_27_2_3F8F4F9D6ADDC3F8CE9BD7F9FACB5326.field       | 515  |
| 9244 | 14/12/10 | ZX11-3CL_27_2MHz_8CAECC803E83D1A614AEC75F15475AD8.field  | 515  |
| 9245 | 14/12/10 | ZX11-3DX_27_2MHz_F195F29F4954C919657375DC5D90B208.field  | 517  |
| 9246 | 14/12/10 | ZX11-4CL_27_2MHz_8246CC12092734B9F48CA108099E008E.field  | 518  |
| 9247 | 14/12/10 | ZX11-4DX_27_2MHz_951F07F8CEC372A476BAEBBB2D678F5D.field  | 517  |
| 9248 | 14/12/10 | ZX11-5DX_27_2MHz_C7C01296B8B80098C9BBDD0AEDC8B5FC7.field | 517  |
| 9249 | 14/12/10 | ZX11-5itb_27_2MHz_62A10655433E5A086E1A3D7B3F64876E.field | 517  |
| 9250 | 14/12/10 | ZX11-6DX_27_2MHz_D76320BA7416B69059A8510D79F95D71.field  | 515  |
| 9251 | 14/12/10 | ZX12-2a_24_94MHz_2C7DFBB1427FB50DB72A6DEBF9F4651F.field  | 513  |
| 9252 | 14/12/10 | ZX12-3_24_94MHz_7DCACFD684AB64658F483DD7E2E38A33.field   | 518  |
| 9253 | 14/12/10 | ZX12-4_24_94MHz_879D90DD560394B02AE2F9D51BACAAE9.field   | 517  |
| 9254 | 14/12/10 | ZX12-5a_24_94MHz_25D2361752353C8D440F4C5AFBDCF9C0.field  | 978  |
| 9255 | 14/12/10 | ZX15-2_21_225MHz_89519F3B1C5174D3B30DD1669E19ACC0.field  | 968  |
| 9256 | 14/12/10 | ZX15-3_21_225MHz_35DF38B86E091D93E6DC1EBB76DA2FA6.field  | 514  |
| 9257 | 14/12/10 | ZX15-4_21_225MHz_258191DDEC88C5AA9E58508C8E3207DC.field  | 517  |
| 9258 | 14/12/10 | ZX15-5_21_225MHz_74C98BC0D0F97F691F68934FCE9C5858.field  | 518  |
| 9259 | 14/12/10 | ZX15-6a_21_225MHz_44FC5376AC4C113675D44BB60D5315FA.field | 521  |
| 9260 | 14/12/10 | ZX17-3_18_118MHz_F11873DE308382F20DCAD0D58C3C30BD.field  | 1049 |
| 9261 | 14/12/10 | ZX17-4_18_118MHz_E721B46E0738834BD0188E4DF5A4149F.field  | 1088 |
| 9262 | 14/12/10 | ZX17-5_18_118MHz_E63EE0A71C5A6FFB051ACAAB87E5C21F.field  | 1059 |
| 9263 | 14/12/10 | ZX17-6_18_118MHz_E4ADB7C04DCC5036DC9130072ACF498F.field  | 1088 |
| 9264 | 14/12/10 | ZX20-3_14_175MHz_45FC22A8B9936B6FB5F05844543D6E10.field  | 945  |
| 9265 | 14/12/10 | ZX20-5_14_175MHz_84E4442CA0A135E8375E812AF0D34880.field  | 970  |
| 9266 | 14/12/10 | ZX20-6_14_175MHz_C51B7C07DB4AA36811A6201B2F355D2A.field  | 961  |
| 9267 | 14/12/10 | ZX30-1_10_125MHz_E2B4B0BE46BEB69A8728CE51B42B1699.field  | 465  |
| 9268 | 14/12/10 | ZX30-2_10_125MHz_38231210C17D654E8CE0BDC27A2F9D50.field  | 735  |
| 9269 | 14/12/10 | ZX30-3_10_125MHz_2F3EECC87F2A9DA753ABB1FA5AA0A1B0.field  | 515  |
| 9270 | 14/12/10 | ZX40-1_7_05MHz_52BC21F7D12F92EF8361EC8ECBD23F5A.field    | 300  |
| 9271 | 14/12/10 | ZX40-2a_7_05MHz_16DC4D8193D0076B7C58089C3A17308A.field   | 972  |
| 9272 | 14/12/10 | ZX40-3_7_05MHz_734E8758E044A5493FEF2A9D2F7C72AC.field    | 748  |
| 9273 | 14/12/10 | ZX4-3_70_2MHz_16A710520D57EA6F9A64FF7DAD544D87.field     | 366  |

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| 9274 | 14/12/10  | ZX4-6a_70_2MHz_8378D6C462E6710C1916DF9ED1E247D9.field  | 367 |
| 9275 | 14/12/10  | ZX6-2a_50_54MHz_31EDF32AC4C4D1255BB8B6F934CB3BAA.field | 517 |
| 9276 | 14/12/10  | ZX6-3_50_54MHz_DD23C4C7FE6103B0F0743A4DEA7C3A65.field  | 519 |
| 9277 | 14/12/10  | ZX6-4a_50_54MHz_967EB068C4602CA0D1A26495C164AE61.field | 517 |
| 9278 | 14/12/10  | ZX6-6a_50_54MHz_F2FAAE75379586AB538C793FE6F7DBC8.field | 519 |
| 9279 | <b>Exposition humaine\Magnétoscopie EDF - RTE</b> |  |     |
| 9280 | 10/04/12  | La lettre du SEM 2012 - n°23.pdf                       | 462 |
| 9281 | 06/12/08  | La lettre du SEM-2008-3.pdf                            | 158 |
| 9282 | 09/06/08  | Magnétoscopie-2006-1.pdf                               | 115 |
| 9283 | 09/06/08  | Magnétoscopie-2006-2.pdf                               | 163 |
| 9284 | 09/06/08  | Magnétoscopie-2006-3.pdf                               | 121 |
| 9285 | 09/06/08  | Magnétoscopie-2006-4.pdf                               | 120 |
| 9286 | 09/06/08  | Magnétoscopie-2006-5.pdf                               | 119 |
| 9287 | 09/06/08  | Magnétoscopie-2006-6.pdf                               | 139 |
| 9288 | 09/06/08  | Magnétoscopie-2007-1.pdf                               | 138 |
| 9289 | 09/06/08  | Magnétoscopie-2007-2.pdf                               | 139 |
| 9290 | 09/06/08  | Magnétoscopie-2007-3.pdf                               | 138 |
| 9291 | 24/07/07  | Magnétoscopie-2007-3bis.pdf                            | 147 |
| 9292 | 09/06/08  | Magnétoscopie-2007-4.pdf                               | 137 |
| 9293 | 09/06/08  | Magnétoscopie-2007-5.pdf                               | 156 |
| 9294 | 09/06/08  | Magnétoscopie-2007-6.pdf                               | 167 |
| 9295 | 09/06/08  | Magnétoscopie-2008-1.pdf                               | 151 |
| 9296 | 09/06/08  | Magnétoscopie-2008-2.pdf                               | 153 |
| 9297 | 03/04/09  | Magnetoscopie-2009-1.pdf                               | 83  |
| 9298 | 22/05/09  | Magnetoscopie-2009-2.pdf                               | 129 |
| 9299 | 02/07/09  | Magnetoscopie-2009-3 spécial.pdf                       | 137 |
| 9300 | 31/10/09  | Magnetoscopie-2009-4.pdf                               | 78  |
| 9301 | 26/01/10  | Magnetoscopie-2009-5.pdf                               | 79  |
| 9302 | 15/05/10  | Magnetoscopie-2010-1 Spécial.pdf                       | 91  |
| 9303 | 31/03/10  | Magnetoscopie-2010-1.pdf                               | 78  |
| 9304 | 24/08/10  | Magnetoscopie-2010-2&3.pdf                             | 59  |
| 9305 | 19/10/10  | Magnetoscopie-2010-4.pdf                               | 77  |
| 9306 | 02/06/11  | Magnetoscopie-2010-6.pdf                               | 248 |
| 9307 | 02/06/11  | Magnetoscopie-2011-1.pdf                               | 219 |
| 9308 | 02/06/11  | Magnetoscopie-2011-2.pdf                               | 223 |

|      |  |  |     |
|------|--|--|-----|
| 9309 | 03/08/11                                       | Magnetoscopie-2011-3.pdf                       | 212 |
| 9310 | 01/10/11                                       | Magnetoscopie-2011-4.pdf                       | 182 |
| 9311 | 20/02/12                                       | Magnétoscopie-2011-6.pdf                       | 226 |
| 9312 | 06/04/12                                       | Magnétoscopie-2012-1.pdf                       | 198 |
| 9313 | 29/06/12                                       | Magnétoscopie-2012-2.pdf                       | 225 |
| 9314 | 07/08/12                                       | Magnétoscopie-2012-3.pdf                       | 219 |
| 9315 | 23/10/12                                       | Magnétoscopie-2012-4.pdf                       | 262 |
| 9316 | 18/02/13                                       | Magnétoscopie-2012-5.pdf                       | 159 |
| 9317 | 22/02/13                                       | Magnétoscopie-2012-6.pdf                       | 181 |
| 9318 | 16/04/13                                       | Magnétoscopie-2013-1.pdf                       | 161 |
| 9319 | 13/05/13                                       | Magnétoscopie-2013-2.pdf                       | 175 |
| 9320 | 08/08/13                                       | Magnétoscopie-2013-3.pdf                       | 173 |
| 9321 | 23/11/13                                       | Magnétoscopie-2013-4.pdf                       | 202 |
| 9322 | 23/01/14                                       | Magnétoscopie-2013-5.pdf                       | 243 |
| 9323 | 29/04/14                                       | Magnetoscopie-2014-1.pdf                       | 690 |
| 9324 | 10/07/14                                       | magnetoscopie-2014-2-3.pdf                     | 817 |
| 9325 | 24/10/14                                       | magnetoscopie-2014-4.pdf                       | 696 |
| 9326 | 12/12/14                                       | magnetoscopie-2014-5.pdf                       | 648 |
| 9327 | 24/03/15                                       | magnetoscopie-2015-1.pdf                       | 693 |
| 9328 | 08/06/15                                       | magnetoscopie-2015-2.pdf                       | 737 |
| 9329 | 23/09/15                                       | magnetoscopie-2015-3.pdf                       | 660 |
| 9330 | 18/12/15                                       | magnetoscopie-2015-5.pdf                       | 872 |
| 9331 | 05/02/16                                       | magnetoscopie-2015-6.pdf                       | 367 |
| 9332 | 24/08/10                                       | Magnetoscopie-Nøspecial 2010.pdf               | 62  |
| 9333 | 09/06/08                                       | Magntoscopie-n1.pdf                            | 84  |
| 9334 | 09/06/08                                       | Magntoscopie-n2.pdf                            | 125 |
| 9335 | 09/06/08                                       | Magntoscopie-n3.pdf                            | 39  |
| 9336 | 09/06/08                                       | Magntoscopie-n4.pdf                            | 112 |
| 9337 | 09/06/08                                       | Magntoscopie-n5.pdf                            | 118 |
| 9338 | 09/06/08                                       | Magntoscopie-n6.pdf                            | 122 |
| 9339 | 03/08/11                                       | RTE La clefs des champs.pdf                    | 91  |
| 9340 | 19/04/10                                       | RTE-LETTRE-PERFORMANCE-22.pdf                  | 126 |
| 9341 | <b>Exposition humaine\Mesures de DAS (SAR)</b> |  |     |
| 9342 | 01/09/07                                       | 900 MHz Base-Station Safety Distance.pdf       | 286 |
| 9343 | 13/01/14                                       | Absorption Cross Section of the Human Body.pdf | 418 |

|      |          |  |      |
|------|----------|--|------|
| 9344 | 16/06/07 | Antennas of Body-Mounted Devices.pdf               | 50   |
| 9345 | 01/11/07 | Automated SAR Measurement System.pdf               | 387  |
| 9346 | 03/06/07 | Base Station Exposure Measurement.pdf              | 510  |
| 9347 | 03/09/07 | CDMA IS-95 Signal & SAR Measurements.pdf           | 264  |
| 9348 | 03/04/04 | Conférence SAR.pdf                                 | 201  |
| 9349 | 25/11/07 | Contactless Smartcard Readers SAR.pdf              | 211  |
| 9350 | 29/06/07 | Dosimétrie adulte enfant.pdf                       | 142  |
| 9351 | 07/07/07 | Dosimétrie radiotéléphones.pdf                     | 1655 |
| 9352 | 02/03/09 | Dosimetry Models of Human Head.pdf                 | 292  |
| 9353 | 16/12/07 | Dry Phantom Material.pdf                           | 124  |
| 9354 | 11/10/13 | Effect of Head Heterogeneity on Cellular Phone.pdf | 682  |
| 9355 | 26/02/09 | Effects of Ear-Connection Modeling.pdf             | 226  |
| 9356 | 25/08/04 | Effets telephone cellulaire.pdf                    | 138  |
| 9357 | 15/11/08 | EM Simulations and Measurements.pdf                | 1000 |
| 9358 | 17/12/07 | EM Waves & Uncertainties Management.pdf            | 79   |
| 9359 | 22/09/07 | EMF Dosimetry Handbook.pdf                         | 206  |
| 9360 | 04/06/07 | EMF Uncertainty Estimation.pdf                     | 68   |
| 9361 | 27/02/13 | Error by an incorrect position of handset.pdf      | 253  |
| 9362 | 30/11/11 | Evaluating RF field strength and SAR.pdf           | 1059 |
| 9363 | 25/12/07 | Fractional Spherical Phantom.pdf                   | 140  |
| 9364 | 29/06/07 | Gel phantom.pdf                                    | 117  |
| 9365 | 08/12/07 | Head Temperature Rise by Mobile Phone.pdf          | 157  |
| 9366 | 02/07/09 | Human Phantom & Complex Permittivity.pdf           | 495  |
| 9367 | 02/09/06 | INERIS Rapport Charpentier.pdf                     | 606  |
| 9368 | 27/02/13 | Influence of hand on Mobile Phone SAR.pdf          | 319  |
| 9369 | 02/07/09 | Intercomparison of SAR Measurements.pdf            | 434  |
| 9370 | 28/06/07 | Maximum Temperature in the Head.pdf                | 104  |
| 9371 | 06/05/14 | Measuring the SAR of a MIMO Transmitter.pdf        | 1910 |
| 9372 | 17/06/10 | Mesure et simulation du DAS.pdf                    | 1831 |
| 9373 | 29/07/07 | Modulation Influence on RF Fields.pdf              | 239  |
| 9374 | 24/03/08 | Occupational Exposure to Transmitters.pdf          | 659  |
| 9375 | 07/07/07 | Overview of RF Exposure.pdf                        | 730  |
| 9376 | 30/09/07 | Peak Spatial versus Average SAR.pdf                | 68   |
| 9377 | 13/09/07 | Personal Dosimetry of RF Radiation.pdf             | 743  |
| 9378 | 09/09/05 | Phantom Boundary Shell and SAR.pdf                 | 255  |

|      |          |   |     |
|------|----------|---|-----|
| 9379 | 02/09/07 | Plane wave exposure for animals.pdf           | 126 |
| 9380 | 28/10/07 | Power Control of GSM Mobile Phones.pdf        | 248 |
| 9381 | 17/06/07 | Proximity Effects on Measurements.pdf         | 89  |
| 9382 | 16/10/04 | RF Hazard Measurement.pdf                     | 401 |
| 9383 | 03/06/07 | RF Hyperthermia.pdf                           | 355 |
| 9384 | 03/01/11 | RF Safety Limits in Heterogeneous Field.pdf   | 355 |
| 9385 | 22/09/07 | RF Uncertainty of Exposure.pdf                | 416 |
| 9386 | 29/06/07 | RNI en CRBM.pdf                               | 100 |
| 9387 | 31/08/07 | Safety Limits of Wireless Devices.pdf         | 175 |
| 9388 | 18/12/04 | SAR & Temperature Rise.pdf                    | 199 |
| 9389 | 30/09/07 | SAR & Walkie-Talkie Set-up.pdf                | 258 |
| 9390 | 02/09/07 | SAR Assessment of Mobile Phones.pdf           | 196 |
| 9391 | 28/06/14 | SAR Assessments & Scan Measurements.pdf       | 970 |
| 9392 | 26/12/08 | SAR Based & 2-D Scanned E Field.pdf           | 243 |
| 9393 | 03/06/07 | SAR Compliance Testing.pdf                    | 210 |
| 9394 | 27/02/13 | SAR distributions in a child head phantom.pdf | 217 |
| 9395 | 14/08/14 | SAR Estimation for MRI.pdf                    | 656 |
| 9396 | 30/09/07 | SAR from WLAN Assessment.pdf                  | 52  |
| 9397 | 05/12/04 | SAR in Human Head.pdf                         | 143 |
| 9398 | 30/09/07 | SAR in Reverberation Chamber.pdf              | 213 |
| 9399 | 25/11/07 | SAR in the Human Eye.pdf                      | 136 |
| 9400 | 31/08/07 | SAR Limits in 300-3000 MHz Range.pdf          | 252 |
| 9401 | 13/03/12 | SAR Measurement Using Lightweight Phantom.pdf | 400 |
| 9402 | 13/10/08 | SAR Measurements at 3-6 GHz.pdf               | 508 |
| 9403 | 21/02/09 | SAR Measurements in Dosimetric Exp.pdf        | 198 |
| 9404 | 18/12/04 | SAR of an Internal Antenna.pdf                | 166 |
| 9405 | 30/09/07 | SAR of Radio Glasses Radiation.pdf            | 152 |
| 9406 | 04/06/07 | SAR Phantom Problems.pdf                      | 83  |
| 9407 | 29/06/07 | SAR power measurement.pdf                     | 192 |
| 9408 | 30/03/10 | SAR Time-Averaging of Pulsed Radio.pdf        | 397 |
| 9409 | 17/12/07 | SAR Uncertainties Estimation.pdf              | 193 |
| 9410 | 27/03/08 | SAR Using a Flat Solid Phantom.pdf            | 260 |
| 9411 | 16/10/12 | SAR Using a Reverberation Chamber.pdf         | 200 |
| 9412 | 30/09/07 | SAR-Probe Calibration at HF.pdf               | 71  |
| 9413 | 16/06/07 | SAR-PROBE CALIBRATION.pdf                     | 73  |

|      |  |  |      |
|------|--|--|------|
| 9414 | 13/03/08   | Scattering Near a Flat Phantom.pdf                 | 203  |
| 9415 | 16/06/07   | Talkie-Walkie SAR Setup.pdf                        | 258  |
| 9416 | 29/06/07   | Température des tissus.pdf                         | 60   |
| 9417 | 03/09/07   | Temperature Increase in Human Eyes.pdf             | 241  |
| 9418 | 09/12/07   | Temperature of Human Eyes.pdf                      | 352  |
| 9419 | 13/10/08   | Tissue Equivalent Liquid 0.03 to 6 GHz.pdf         | 72   |
| 9420 | 25/12/07   | Tissue Equivalent Liquids for SAR.pdf              | 218  |
| 9421 | 22/09/07   | Tissue-Equivalent Broadband Phantoms.pdf           | 371  |
| 9422 | 16/06/07   | Uncertainties of SAR Measurement.pdf               | 33   |
| 9423 | 30/09/07   | Uncertainty of EM Field Measurement.pdf            | 69   |
| 9424 | 12/03/15   | Whole-Body Absorption Cross Section in RC.pdf      | 776  |
| 9425 | 04/03/04   | Why Measure SAR.pdf                                | 558  |
| 9426 | 31/03/11   | Wi-Fi Systems - Measurements & Simulations.pdf     | 324  |
| 9427 | 29/06/07   | Wireless handset SAR.pdf                           | 119  |
| 9428 | <b>Exposition humaine\Méthodes de protection</b> |  |      |
| 9429 | 25/09/08   | Combi KW GUARD.pdf                                 | 134  |
| 9430 | 13/09/07   | DIN 32780 Vêtements de protection.pdf              | 158  |
| 9431 | 05/10/06   | EGIS Fiche produit 403 v1.doc                      | 48   |
| 9432 | 05/10/06   | EGIS Fiche produit 503 v1.doc                      | 48   |
| 9433 | 24/08/08   | EGIS Fiche produit EPI403.pdf                      | 42   |
| 9434 | 24/08/08   | EGIS Fiche produit EPI503.pdf                      | 42   |
| 9435 | 07/07/07   | EPI EGIS Fiche produit 403246.pdf                  | 60   |
| 9436 | 07/07/07   | EPI EGIS Fiche produit 503246.pdf                  | 61   |
| 9437 | 27/07/11   | ITU K83_11 Monitoring EMF Strengths.pdf            | 214  |
| 9438 | 03/08/11   | Optimum Phasing of Double Power Lines.pdf          | 93   |
| 9439 | 01/04/09   | Personal Protective Grounding.pdf                  | 1419 |
| 9440 | 26/02/16   | Rod Reflectors for SAR Reduction in Human Head.pdf | 265  |
| 9441 | 21/03/04   | SAR et vêtement de protection.pdf                  | 446  |
| 9442 | 05/06/11   | SAR Reduction in Mobile Applications.pdf           | 435  |
| 9443 | <b>Exposition humaine\Microwaves News</b>        |  |      |
| 9444 | 07/03/09   | MWN 1994-1.pdf                                     | 180  |
| 9445 | 07/03/09   | MWN 1994-2.pdf                                     | 168  |
| 9446 | 07/03/09   | MWN 1994-3.pdf                                     | 209  |
| 9447 | 07/03/09   | MWN 1994-4.pdf                                     | 172  |
| 9448 | 07/03/09   | MWN 1994-5.pdf                                     | 178  |

|      |          |                |     |
|------|----------|----------------|-----|
| 9449 | 07/03/09 | MWN 1994-6.pdf | 198 |
| 9450 | 07/03/09 | MWN 1995-1.pdf | 188 |
| 9451 | 07/03/09 | MWN 1995-2.pdf | 202 |
| 9452 | 07/03/09 | MWN 1995-3.pdf | 203 |
| 9453 | 07/03/09 | MWN 1995-4.pdf | 208 |
| 9454 | 07/03/09 | MWN 1995-5.pdf | 188 |
| 9455 | 07/03/09 | MWN 1995-6.pdf | 201 |
| 9456 | 07/03/09 | MWN 1996-1.pdf | 216 |
| 9457 | 07/03/09 | MWN 1996-2.pdf | 204 |
| 9458 | 07/03/09 | MWN 1996-3.pdf | 211 |
| 9459 | 07/03/09 | MWN 1996-4.pdf | 207 |
| 9460 | 07/03/09 | MWN 1996-5.pdf | 191 |
| 9461 | 07/03/09 | MWN 1996-6.pdf | 190 |
| 9462 | 07/03/09 | MWN 1997-1.pdf | 204 |
| 9463 | 07/03/09 | MWN 1997-2.pdf | 199 |
| 9464 | 07/03/09 | MWN 1997-3.pdf | 198 |
| 9465 | 07/03/09 | MWN 1997-4.pdf | 196 |
| 9466 | 07/03/09 | MWN 1997-5.pdf | 220 |
| 9467 | 07/03/09 | MWN 1997-6.pdf | 199 |
| 9468 | 07/03/09 | MWN 1998-1.pdf | 193 |
| 9469 | 07/03/09 | MWN 1998-2.pdf | 198 |
| 9470 | 07/03/09 | MWN 1998-3.pdf | 192 |
| 9471 | 07/03/09 | MWN 1998-4.pdf | 207 |
| 9472 | 07/03/09 | MWN 1998-5.pdf | 195 |
| 9473 | 07/03/09 | MWN 1998-6.pdf | 210 |
| 9474 | 07/03/09 | MWN 1999-1.pdf | 137 |
| 9475 | 07/03/09 | MWN 1999-2.pdf | 224 |
| 9476 | 07/03/09 | MWN 1999-3.pdf | 154 |
| 9477 | 07/03/09 | MWN 1999-4.pdf | 203 |
| 9478 | 07/03/09 | MWN 1999-5.pdf | 132 |
| 9479 | 07/03/09 | MWN 1999-6.pdf | 139 |
| 9480 | 07/03/09 | MWN 2000-1.pdf | 145 |
| 9481 | 07/03/09 | MWN 2000-2.pdf | 240 |
| 9482 | 07/03/09 | MWN 2000-3.pdf | 154 |
| 9483 | 07/03/09 | MWN 2000-4.pdf | 135 |

|      |  |  |      |
|------|--|--|------|
| 9484 | 07/03/09                               | MWN 2000-5.pdf                             | 141  |
| 9485 | 07/03/09                               | MWN 2000-6.pdf                             | 139  |
| 9486 | 07/03/09                               | MWN 2001-1.pdf                             | 196  |
| 9487 | 07/03/09                               | MWN 2001-2.pdf                             | 225  |
| 9488 | 07/03/09                               | MWN 2001-3.pdf                             | 202  |
| 9489 | 07/03/09                               | MWN 2001-4.pdf                             | 142  |
| 9490 | 07/03/09                               | MWN 2001-5.pdf                             | 196  |
| 9491 | 07/03/09                               | MWN 2001-6.pdf                             | 139  |
| 9492 | 07/03/09                               | MWN 2002-1.pdf                             | 200  |
| 9493 | 07/03/09                               | MWN 2002-2.pdf                             | 214  |
| 9494 | 07/03/09                               | MWN 2002-3.pdf                             | 265  |
| 9495 | 07/03/09                               | MWN 2002-4.pdf                             | 185  |
| 9496 | 07/03/09                               | MWN 2002-5.pdf                             | 201  |
| 9497 | 07/03/09                               | MWN 2002-6.pdf                             | 660  |
| 9498 | 07/03/09                               | MWN 2003-1.pdf                             | 128  |
| 9499 | 07/03/09                               | MWN 2003-2.pdf                             | 145  |
| 9500 | 07/03/09                               | MWN 2003-3.pdf                             | 139  |
| 9501 | <b>Exposition humaine\Modélisation</b> |  |      |
| 9502 | 30/09/07                               | 1D Tissue Model exposed to RF.pdf          | 202  |
| 9503 | 25/12/07                               | 3-D Model of the Human Eye.pdf             | 230  |
| 9504 | 30/09/07                               | 3D SAR & Mobile Phone Compliance.pdf       | 218  |
| 9505 | 04/02/15                               | 900MHz SAR in Inhomogeneous Head Model.pdf | 596  |
| 9506 | 30/09/07                               | ADI-FDTD & MoMTD Hybrid Method.pdf         | 115  |
| 9507 | 26/09/10                               | ADI-FDTD Method for Induced Current.pdf    | 344  |
| 9508 | 13/10/08                               | Approche hybride de la Dosimétrie.pdf      | 1258 |
| 9509 | 25/12/07                               | Average SAR in Human Head.pdf              | 765  |
| 9510 | 16/12/07                               | Body Currents Induced by UWB Pulses.pdf    | 196  |
| 9511 | 16/08/06                               | Calculating SAR in Two Models.pdf          | 207  |
| 9512 | 03/09/07                               | Cellular Handset Power Absorption.pdf      | 388  |
| 9513 | 21/03/11                               | Child Exposure at Mobile Communication.pdf | 471  |
| 9514 | 14/04/09                               | CIGRE Calcul des champs des lignes.pdf     | 4914 |
| 9515 | 30/09/07                               | Computation of Base-Station SAR.pdf        | 111  |
| 9516 | 06/10/07                               | Computation of ELF Electric Fields.pdf     | 157  |
| 9517 | 17/10/08                               | Dosimetry Wiart.pdf                        | 1590 |
| 9518 | 31/08/07                               | ELF by the Use of a GSM Phone?.pdf         | 233  |



|      |          |  |      |
|------|----------|--|------|
| 9519 | 02/09/07 | EM Field Polarization Ellipse & SAR.pdf                      | 264  |
| 9520 | 28/06/07 | EM Simulation for SAR 1.pdf                                  | 209  |
| 9521 | 28/06/07 | EM Simulation for SAR 2.pdf                                  | 629  |
| 9522 | 19/08/09 | Exposure Assessment to Distributed Antennas.pdf              | 265  |
| 9523 | 27/02/13 | Fast Interpolation Based Morphing.pdf                        | 370  |
| 9524 | 27/02/13 | FEM Based Morphing of Whole Body Models.pdf                  | 340  |
| 9525 | 27/02/13 | Fetus RF exposure analysis.pdf                               | 442  |
| 9526 | 31/08/07 | Head Exposure to a Cellular Phone.pdf                        | 282  |
| 9527 | 23/04/13 | High-Resolution Human Head Model.pdf                         | 604  |
| 9528 | 31/08/07 | Human Body Exposed to ELF.pdf                                | 364  |
| 9529 | 10/12/07 | Human Far-Field Exposure at GHz.pdf                          | 191  |
| 9530 | 23/10/07 | Human Model for Transient Exposure.pdf                       | 178  |
| 9531 | 27/02/13 | Human Models Exposed to Nearby Monopole Antennas.pdf         | 241  |
| 9532 | 30/03/10 | Human Whole-Body SAR at Resonance F.pdf                      | 314  |
| 9533 | 30/09/07 | Influence of Human Body Shape.pdf                            | 132  |
| 9534 | 29/09/07 | International Averaging Comparison.pdf                       | 245  |
| 9535 | 27/02/13 | Japanese Voxel-based Computational Models.pdf                | 156  |
| 9536 | 22/02/11 | LF EMF with Posable Human Body Model.pdf                     | 395  |
| 9537 | 12/07/12 | Liquid-Type Human-Body Equivalent Antennas.pdf               | 502  |
| 9538 | 03/06/07 | Mobile Phone Prediction.pdf                                  | 300  |
| 9539 | 03/01/11 | Mobile Phone SAR Calculation.pdf                             | 348  |
| 9540 | 28/06/14 | MoM-FDTD Dosimetry of Small Animal in RC.pdf                 | 547  |
| 9541 | 19/10/07 | Peak Mass-Averaged SAR Evaluation.pdf                        | 225  |
| 9542 | 14/10/13 | Postured human model for SAR measurements.pdf                | 322  |
| 9543 | 16/11/05 | Rapid SAR Measurement - DUCHENE.pdf                          | 75   |
| 9544 | 15/08/06 | RF Exposure Limits 3 Moddels.pdf                             | 24   |
| 9545 | 22/09/07 | Rigorous Method of SAR Distribution.pdf                      | 131  |
| 9546 | 25/12/07 | SA & SAR Analysis for UWB Pulse.pdf                          | 163  |
| 9547 | 27/08/11 | SAM Phantom and Child Head Models.pdf                        | 835  |
| 9548 | 20/08/09 | SAR Analysis of the Whole Human Body.pdf                     | 325  |
| 9549 | 19/10/15 | SAR Comparison of SAM Phantom and Anatomical Head Models.pdf | 220  |
| 9550 | 03/09/07 | SAR due to Base-Station Antennas.pdf                         | 1887 |
| 9551 | 27/08/11 | SAR for Multiantenna Systems.pdf                             | 787  |
| 9552 | 28/02/09 | SAR in a Spherical Head Model.pdf                            | 261  |
| 9553 | 03/09/07 | SAR in Child and Adult Head Models.pdf                       | 214  |

|      |   |   |       |
|------|---|---|-------|
| 9554 | 02/09/07  | SAR in the SAM Phantom.pdf                    | 335   |
| 9555 | 30/09/07  | SAR Induced in a Child Head.pdf               | 225   |
| 9556 | 07/11/08  | SAR simulations with SEMCAD.pdf               | 1250  |
| 9557 | 27/02/13  | SAR with Chinese Female Anatomical Model.pdf  | 91    |
| 9558 | 31/08/07  | SARs in Head Models at 835 MHz.pdf            | 433   |
| 9559 | 24/11/07  | Spatial-Peak Mass-Averaged SAR.pdf            | 205   |
| 9560 | 17/04/09  | Statistics in Cancer Research.pdf             | 13360 |
| 9561 | 01/09/07  | Stochastically-Varying EM Fields.pdf          | 246   |
| 9562 | 29/09/07  | Uncertainty in RF Numerical Dosimetry.pdf     | 807   |
| 9563 | 13/10/08  | Uncertainty of Exposure Assessment.pdf        | 408   |
| 9564 | 10/03/11  | Whole Body and Local Exposure at 2100 MHz.pdf | 195   |
| 9565 | 27/02/13  | Whole Body SAR by Wheeler Cap method.pdf      | 189   |
| 9566 | 27/02/13  | Whole-Body SARs in Korean Male Models.pdf     | 359   |
| 9567 | 22/02/11  | Wireless Communication in Vehicle SAR.pdf     | 431   |
| 9568 | <b>Exposition humaine\Normes et guides internationaux</b> |   |       |
| 9569 | 24/11/07  | 5100.23G-2005 Navy Safety & Health.pdf        | 1634  |
| 9570 | 30/07/11  | An overview of IEEE Std C95.1_2005.pdf        | 131   |
| 9571 | 14/10/08  | ANSI-RF Signs.pdf                             | 298   |
| 9572 | 29/04/07  | Army RF & Microwave Safety.pdf                | 15    |
| 9573 | 29/09/07  | Australia Questions & Answers.pdf             | 268   |
| 9574 | 29/09/07  | Australia RF Exposure Standard 2002.pdf       | 1185  |
| 9575 | 14/11/04  | Australia SAR Testing and Approval.pdf        | 114   |
| 9576 | 22/09/07  | Australia Standard 2003.pdf                   | 175   |
| 9577 | 22/09/07  | Australia Standard Amendment 2007.pdf         | 59    |
| 9578 | 04/06/04  | Australian exposure levels.pdf                | 247   |
| 9579 | 16/08/06  | Australian facts.pdf                          | 70    |
| 9580 | 07/09/03  | Australian RF exposure summary.pdf            | 113   |
| 9581 | 24/10/14  | Australian TR170 Measurement of ELF EMF.pdf   | 2196  |
| 9582 | 15/03/08  | Base Station Antennas & Mobile Phones.pdf     | 59    |
| 9583 | 07/09/03  | Berkeley NIR Safety Manual.pdf                | 373   |
| 9584 | 14/04/15  | Canada - Champ H des lignes électriques.pdf   | 949   |
| 9585 | 01/09/07  | Canada Directive diathermie.pdf               | 169   |
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| 9587 | 14/10/11  | Canada Public Health & EMF.pdf                | 865   |
| 9588 | 29/06/07  | Canada RF report.pdf                          | 149   |

|      |          |   |      |
|------|----------|---|------|
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| 9590 | 22/10/04 | Canadian N.I. Radiation protection.pdf            | 163  |
| 9591 | 18/12/04 | Canadian SAR.pdf                                  | 45   |
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| 9593 | 16/10/04 | Chine RP2002.pdf                                  | 153  |
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| 9595 | 07/07/07 | COMAR IEEE RF & Microwave Limits.pdf              | 78   |
| 9596 | 29/04/14 | Compteurs intelligents Canada.pdf                 | 398  |
| 9597 | 11/09/07 | Connecticut Power-Line Report.pdf                 | 1125 |
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| 9601 | 25/02/09 | EMF Guidelines & Standards.pdf                    | 424  |
| 9602 | 22/09/13 | EMR Exposure to Mobile Phones.pdf                 | 147  |
| 9603 | 29/06/07 | EURELECTRIC Field Standard.pdf                    | 119  |
| 9604 | 03/01/14 | FCC 2013-26255.pdf                                | 58   |
| 9605 | 17/08/06 | FCC 96-326 Guidelines.pdf                         | 290  |
| 9606 | 18/12/04 | FCC Exposure Guidelines.pdf                       | 131  |
| 9607 | 01/10/07 | FCC OET56e4 Questions-Answers.pdf                 | 173  |
| 9608 | 29/06/07 | FCC OET65 A-B-C Guidelines.pdf                    | 1039 |
| 9609 | 03/07/13 | FCC OET73 Predicting DTV Signal Strength.pdf      | 205  |
| 9610 | 29/06/07 | FCC RF Emission Safety Guide.pdf                  | 333  |
| 9611 | 29/06/07 | FCC RFR Guidelines.pdf                            | 97   |
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| 9613 | 04/06/04 | Fermilab static H field.pdf                       | 50   |
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| 9615 | 18/11/11 | ICNIRP pulsed guidance.pdf                        | 66   |
| 9616 | 11/09/07 | IEC EMF Standards.pdf                             | 158  |
| 9617 | 01/05/09 | IEEE 1460_96 Quasi-Static EM Fields.pdf           | 166  |
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| 9622 | 11/02/16 | IEEE C95.1_14 Military Workplaces 0 to 300GHz.pdf | 1235 |
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|      |          |  |      |
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| 9630 | 30/09/07 | IEEE ICES Safety Standards.pdf                           | 33   |
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| 9632 | 29/03/11 | ITU K61_08 Human exposure.pdf                            | 513  |
| 9633 | 29/03/11 | ITU K70_08 Techniques to limit exposure.pdf              | 594  |
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| 9635 | 05/03/13 | ITU K91_12 Human Exposure to EMF.pdf                     | 2131 |
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| 9641 | 15/02/09 | Non-Ionizing Radiation Standards.pdf                     | 997  |
| 9642 | 19/09/04 | NRPB Limiting exposure.pdf                               | 311  |
| 9643 | 26/09/05 | Office fédéral de santé champs EM.pdf                    | 69   |
| 9644 | 18/12/14 | ORNI - La loi et son application.pdf                     | 605  |
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| 9646 | 24/11/07 | Outdoor HIRF Personnel Safety.pdf                        | 1286 |
| 9647 | 18/12/14 | Politique champs EM - Suisse.pdf                         | 63   |
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| 9657 | 01/07/07 | RF Exposure Assessment.pdf                               | 293  |
| 9658 | 22/09/07 | RF Exposure Standard Update.pdf                          | 296  |

|      |   |  |      |
|------|---|--|------|
| 9659 | 14/10/08  | RF Protection of DoD Personnel.pdf               | 311  |
| 9660 | 14/09/07  | RFR Safety Fads & Fallacies.pdf                  | 391  |
| 9661 | 16/09/04  | Russie 040703fr.pdf                              | 25   |
| 9662 | 08/06/15  | SETIL Italian Multicentric Study.pdf             | 237  |
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| 9664 | 27/05/07  | STANAG 2345f (Ed3) Exposition champs.pdf         | 792  |
| 9665 | 01/06/03  | Suisse ETEC.pdf                                  | 65   |
| 9666 | 28/09/07  | Suisse Mesure des champs RF.pdf                  | 2142 |
| 9667 | 05/07/07  | Suisse Politique Champs EM.pdf                   | 44   |
| 9668 | 30/06/07  | Suisse RNI et santé 2006.pdf                     | 153  |
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| 9671 | 03/04/15  | UIT K100_14 Human Exposure to Base Station.pdf   | 443  |
| 9672 | 12/09/07  | UIT K33_1996 Sécurité sur défaut.pdf             | 153  |
| 9673 | 12/09/07  | UIT K52_2004 Exposition humaine.pdf              | 472  |
| 9674 | 12/09/07  | UIT K61_2003 Exposition humaine.pdf              | 153  |
| 9675 | 12/09/07  | UIT K64_2004 Sécurité du personnel.pdf           | 217  |
| 9676 | 23/11/12  | UIT K90_12 Working exposure to VLF EMF.pdf       | 484  |
| 9677 | 29/09/07  | USAF RF Dosimetry Handbook.pdf                   | 3096 |
| 9678 | 13/10/08  | World-Wide Standards.pdf                         | 401  |
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| 9680 | 04/03/04  | 50360_2001 SAR GSM.pdf                           | 94   |
| 9681 | 07/01/05  | 50364_2001 SAR EAS & RFID.pdf                    | 112  |
| 9682 | 23/11/08  | 50366_2004 Electrodomestique.pdf                 | 268  |
| 9683 | 23/12/12  | 60479-1 {Ed4.0+Cor1}_05 Effets du courant BF.pdf | 913  |
| 9684 | 11/09/07  | 62110 {PrEd1}07 AC Power Exposure.pdf            | 645  |
| 9685 | 11/09/07  | 62209-2 {PrEd1}07 Mobile SAR.pdf                 | 1060 |
| 9686 | 12/03/04  | 62226-1 {CDV}02 Evaluation champs.pdf            | 56   |
| 9687 | 07/12/03  | 62226-2-1 {CDV}03 Exposition champs.pdf          | 768  |
| 9688 | 30/09/07  | 62232 {PrEd1}07 Base Station.pdf                 | 108  |
| 9689 | 11/09/07  | 62271-208 {PrEd1}07 Switchgear EMF.pdf           | 141  |
| 9690 | 21/04/09  | 62311_08 Exposition humaine.pdf                  | 1190 |
| 9691 | 13/09/07  | 62369-1 {PrEd1}06 Article Surveillance.pdf       | 1545 |
| 9692 | 30/09/07  | 62369-2 {PrEd1}06 RF Surveillance.pdf            | 718  |
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|      |          |   |      |
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| 9695 | 22/02/11 | Application of the Generic Standard IEC 62311.pdf | 152  |
| 9696 | 05/07/07 | CENELEC 50499 Assessment.pdf                      | 316  |
| 9697 | 12/03/04 | CENELEC EAS RFID.pdf                              | 73   |
| 9698 | 02/05/07 | CENELEC Standards & EMF.pdf                       | 316  |
| 9699 | 05/09/07 | ECC RECOMMENDATION (02)04_2007.pdf                | 183  |
| 9700 | 26/05/04 | EN 300 718-1 {V121} Avalanche beacon.pdf          | 172  |
| 9701 | 26/05/04 | EN 300 718-2 {V111} Avalanche beacon.pdf          | 64   |
| 9702 | 26/05/04 | EN 300 718-3 {V121} Avalanche beacon.pdf          | 63   |
| 9703 | 26/05/04 | EN 300 761-1 {v121}E01 SRD.pdf                    | 358  |
| 9704 | 26/05/04 | EN 300 761-2 {v111}E01 Railway AVI.pdf            | 120  |
| 9705 | 26/05/04 | EN 301 839-2 {V111}E02 ULP-AMI.pdf                | 92   |
| 9706 | 26/05/04 | EN 302 195-1 {V111}E04 ULP-AMI.pdf                | 189  |
| 9707 | 26/05/04 | EN 302 195-2 {V111}E04 ULP-AMI.pdf                | 58   |
| 9708 | 26/05/04 | EN 302 208-1 {Dr111}E03.pdf                       | 510  |
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| 9715 | 16/10/04 | ETSI TR 101 870 {V111} 2001.pdf                   | 66   |
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| 9717 | 15/03/08 | IEC Human Exposure Standards.ppt                  | 225  |
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| 9719 | 12/09/07 | info_iec60479-1 Effet courant BF.pdf              | 162  |
| 9720 | 12/09/07 | info_iec60479-2 Courant impulsif.pdf              | 97   |
| 9721 | 12/09/07 | info_iec60479-3 Animaux domestiques.pdf           | 61   |
| 9722 | 11/09/07 | info_iec61786 procédures de mesure.pdf            | 40   |
| 9723 | 12/09/07 | info_iec62209-1 DAS portables.pdf                 | 99   |
| 9724 | 22/09/07 | info_iec62226-1 Densité de courant.pdf            | 89   |
| 9725 | 11/09/07 | info_iec62226-3-1 LF Fields.pdf                   | 107  |
| 9726 | 30/11/11 | info_iec62232 SAR Stations de base.pdf            | 192  |
| 9727 | 15/03/08 | info_iec62233 Méthodes de mesures.pdf             | 102  |
| 9728 | 22/09/07 | info_iec62311 Evaluation équipements.pdf          | 90   |

|      |  |  |      |
|------|--|--|------|
| 9729 | 26/02/13                                   | NF EN 12198-1 E_00 Machinery.pdf                   | 171  |
| 9730 | 17/11/06                                   | NF EN 50401_2006 Transmissions radio.pdf           | 118  |
| 9731 | 17/11/06                                   | NF EN 50421_2006 Radiodiffusion.pdf                | 128  |
| 9732 | 12/07/13                                   | NF EN 62479_10 Exposition 10MHz-300GHz.pdf         | 129  |
| 9733 | 12/09/07                                   | Normes dispositifs médicaux.pdf                    | 74   |
| 9734 | 23/08/08                                   | NRPB Limiting Exposure to EM Fields.pdf            | 1052 |
| 9735 | 19/01/10                                   | pr50519_08 Chauffage a induction.pdf               | 127  |
| 9736 | 11/05/10                                   | prEN50527-2-1_10 Workers pacemakers.pdf            | 852  |
| 9737 | 29/01/10                                   | Project IEC 60601-2-33 {Ed3.0}.pdf                 | 174  |
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| 9739 | 28/01/08                                   | Structure normes sécurité machines.pdf             | 40   |
| 9740 | 17/09/04                                   | TR 134 925 {300}00 UMTS SAR.pdf                    | 132  |
| 9741 | <b>Exposition humaine\Normes obsolètes</b> |  |      |
| 9742 | 08/01/05                                   | ENV 50166-1_1995 Expo BF.pdf                       | 263  |
| 9743 | 08/01/05                                   | ENV 50166-2_1995 Expo HF.pdf                       | 494  |
| 9744 | 15/02/09                                   | The European Pre-Standard ENV 50166.pdf            | 158  |
| 9745 | <b>Exposition humaine\OMS (WHO)</b>        |  |      |
| 9746 | 24/10/14                                   | 0-Search strategy study evaluation.pdf             | 141  |
| 9747 | 18/02/13                                   | 1 in 2 Countries Unprepared to Prevent Cancers.pdf | 47   |
| 9748 | 24/10/14                                   | 10-Immune system and haematology.pdf               | 367  |
| 9749 | 24/10/14                                   | 11-Fertility, reproduction and development.pdf     | 629  |
| 9750 | 05/02/16                                   | 12 conseils contre le risque de cancer.pdf         | 122  |
| 9751 | 24/10/14                                   | 12-Cancer.pdf                                      | 1868 |
| 9752 | 09/02/08                                   | 181 International EMF Project.pdf                  | 50   |
| 9753 | 05/11/07                                   | 182 Effects on Biological Systems.pdf              | 54   |
| 9754 | 05/11/07                                   | 183 Health Effects of RF Fields.pdf                | 59   |
| 9755 | 05/11/07                                   | 184 EM Fields and Public Health.pdf                | 49   |
| 9756 | 05/11/07                                   | 193 Mobile Phones & Base Stations.pdf              | 82   |
| 9757 | 02/02/09                                   | 2006 RF Research Agenda for RFF.pdf                | 101  |
| 9758 | 05/11/07                                   | 201 EMF from Video Display Units.pdf               | 52   |
| 9759 | 05/11/07                                   | 205 Extremely Low Frequency EMF.pdf                | 66   |
| 9760 | 05/11/07                                   | 226 Radars and Public Health.pdf                   | 59   |
| 9761 | 30/06/07                                   | 232 Static Fields.pdf                              | 1524 |
| 9762 | 02/02/09                                   | 238 Extremely Low-Frequency Fields.pdf             | 2238 |
| 9763 | 07/02/08                                   | 263 ELF fields and cancer.pdf                      | 74   |

|      |          |  |      |
|------|----------|--|------|
| 9764 | 30/06/07 | 296 Hypersensibilité électromagnétique.pdf       | 61   |
| 9765 | 30/06/07 | 299 Champs E et H statiques.pdf                  | 64   |
| 9766 | 29/09/07 | 299 Champs EM et santé publique.pdf              | 58   |
| 9767 | 24/10/14 | 2-Sources, measurements and exposures.pdf        | 1389 |
| 9768 | 30/06/07 | 304 Stations de base.pdf                         | 62   |
| 9769 | 30/06/07 | 322 Exposure to ELF.pdf                          | 57   |
| 9770 | 24/10/14 | 3-RF EMF inside the body.pdf                     | 1010 |
| 9771 | 24/10/14 | 4-Biophysical mechanisms.pdf                     | 327  |
| 9772 | 24/10/14 | 5-Brain physiology and function.pdf              | 2231 |
| 9773 | 24/10/14 | 6-Auditory vestibular and ocular function.pdf    | 377  |
| 9774 | 24/10/14 | 7-Neuroendocrine system.pdf                      | 845  |
| 9775 | 24/10/14 | 8-Neurodegeneration Diseases.pdf                 | 202  |
| 9776 | 24/10/14 | 9-Cardiovascular system and thermoregulation.pdf | 1575 |
| 9777 | 18/08/11 | Champs et santé - téléphones portables.pdf       | 175  |
| 9778 | 08/03/09 | Dialogue on Risks from EMF.pdf                   | 1741 |
| 9779 | 30/06/07 | Effets des CEM sur l'environnement.pdf           | 97   |
| 9780 | 30/06/07 | Electromagnetic Fields.pdf                       | 115  |
| 9781 | 04/11/07 | Electromagnetic Hypersensitivity WHO.pdf         | 912  |
| 9782 | 06/01/08 | ELF 2007 WHO Research Agenda.pdf                 | 87   |
| 9783 | 26/11/08 | ELF EMF Nø238.pdf                                | 3491 |
| 9784 | 07/02/08 | EMF & Cautionary Policies.pdf                    | 81   |
| 9785 | 25/01/09 | EMF Progress Report 2007-2008.pdf                | 233  |
| 9786 | 29/06/07 | EMF Progress Report 97-98.pdf                    | 59   |
| 9787 | 05/11/07 | EMF standards framework.pdf                      | 329  |
| 9788 | 07/09/03 | EMF_Risk_glossary.pdf                            | 57   |
| 9789 | 15/03/08 | Espérance de vie en Europe.pdf                   | 119  |
| 9790 | 28/02/09 | Etudes ... mener.pdf                             | 120  |
| 9791 | 30/06/07 | Fours ... micro-ondes.pdf                        | 85   |
| 9792 | 30/06/07 | Fréquences intermédiaires.pdf                    | 91   |
| 9793 | 22/07/09 | GBD F 2001.pdf                                   | 128  |
| 9794 | 22/07/09 | GBD Operations Manual Draft 2008.pdf             | 725  |
| 9795 | 09/08/09 | Global burden of disease 2000.pdf                | 88   |
| 9796 | 20/07/09 | Global Burden of Disease 2006.pdf                | 2161 |
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| 9798 | 05/08/08 | Hypersensitivity summary_2004.pdf                | 37   |



|      |   |   |      |
|------|---|---|------|
| 9799 | 28/06/07  | IAC EMF Report 2005-2006.pdf                            | 339  |
| 9800 | 05/08/11  | IAC minutes 2010.pdf                                    | 36   |
| 9801 | 04/08/11  | IARC Carcinogenic Risks 2002.pdf                        | 1712 |
| 9802 | 18/08/11  | IARC classifies Radiofrequency EMF as 2B.pdf            | 199  |
| 9803 | 27/09/07  | International EMF Project.pdf                           | 51   |
| 9804 | 05/08/11  | Mobile phone use and brain cancer risk.pdf              | 163  |
| 9805 | 02/02/09  | Model Legislation for EMF Protection.pdf                | 156  |
| 9806 | 22/07/09  | Mortality and burden of disease.pdf                     | 175  |
| 9807 | 26/02/14  | OMS - Principales causes de mortalité dans le monde.pdf | 404  |
| 9808 | 25/09/07  | OMS & Hypersensibilité EM.pdf                           | 36   |
| 9809 | 16/09/04  | OMS ELF et cancer.pdf                                   | 105  |
| 9810 | 27/02/09  | Protective Measures for ELF EMF.pdf                     | 35   |
| 9811 | 08/03/09  | Risques dus aux CEM.pdf                                 | 2406 |
| 9812 | 29/09/07  | Santé dans le monde 2007.pdf                            | 3563 |
| 9813 | 05/11/07  | Static and ELF Fields.pdf                               | 745  |
| 9814 | 29/06/07  | Too much sun.pdf  | 90   |
| 9815 | 08/08/11  | WHO - EMF Project Scientific Articles.pdf               | 158  |
| 9816 | 27/09/07  | WHO EMF Project.pdf                                     | 17   |
| 9817 | 08/02/14  | WHO Health & environment.pdf                            | 923  |
| 9818 | 27/09/07  | WHO Health & Radiofrequency Exposure.pdf                | 182  |
| 9819 | 13/04/11  | WHO Research Agenda for RF Fields 2010.pdf              | 704  |
| 9820 | 30/06/07  | WHO Research Agenda.pdf                                 | 138  |
| 9821 | <b>Exposition humaine\OMS (WHO)\OMS Rapport santé et statistiques</b> |   |      |
| 9822 | 27/08/07  | Agents de santé OMS 2006.pdf                            | 158  |
| 9823 | 06/04/06  | annex1.xls  | 138  |
| 9824 | 06/04/06  | annex2.xls  | 268  |
| 9825 | 06/04/06  | annex3.xls  | 211  |
| 9826 | 06/04/06  | annex4.xls  | 84   |
| 9827 | 27/08/07  | Comptes nationaux OMS 2006.pdf                          | 145  |
| 9828 | 27/08/07  | Indicateurs de base OMS 2006.pdf                        | 217  |
| 9829 | 27/08/07  | Notes explicatives OMS 2006.pdf                         | 154  |
| 9830 | 01/07/07  | OMS Rapport santé mondiale 2006.pdf                     | 505  |
| 9831 | 27/08/07  | Sélection d'indicateurs OMS 2006.pdf                    | 267  |
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| 9833 | 18/11/11  | Affiche JS URSI_2012.pdf                                | 657  |

|      |          |   |      |
|------|----------|---|------|
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| 9835 | 31/08/06 | AFSSE Téléphonie mobile & santé.pdf             | 1789 |
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| 9837 | 22/09/06 | Agence nationale des fréquences.pdf             | 153  |
| 9838 | 29/06/07 | ANFR Rayonnements et santé.pdf                  | 1311 |
| 9839 | 23/01/14 | Antennes-relais - Qui fait quoi.pdf             | 405  |
| 9840 | 23/01/14 | Antennes-relais de téléphonie mobile.pdf        | 224  |
| 9841 | 27/01/06 | Brochure_Champs_EM_TBF.pdf                      | 2544 |
| 9842 | 04/04/12 | Bulletin commande Champs_electromagnetiques.pdf | 71   |
| 9843 | 22/11/10 | Champs EM environnement et santé.pdf            | 211  |
| 9844 | 29/06/07 | CRAM Exposition pro aux CEM.pdf                 | 211  |
| 9845 | 23/01/14 | Des travaux experimentaux a information.pdf     | 234  |
| 9846 | 23/01/14 | Dix_orientations_Gouvernement_RF.pdf            | 95   |
| 9847 | 31/08/06 | Doc RTE Elevage.pdf                             | 4798 |
| 9848 | 04/03/04 | Dossier santé.pdf                               | 232  |
| 9849 | 08/10/09 | DREP BF_Pbs Soudure... l'arc.pdf                | 350  |
| 9850 | 20/02/14 | ECMA TR-097 Guide for EN 62311.pdf              | 1245 |
| 9851 | 23/01/14 | Effet sanitaires et valeurs limites.pdf         | 343  |
| 9852 | 25/03/06 | Electromagnétisme et santé.pdf                  | 156  |
| 9853 | 02/05/07 | Electrosmog-Exposition champs EM.pdf            | 2644 |
| 9854 | 21/01/08 | EM Fields in Swiss Working Environment.pdf      | 1074 |
| 9855 | 18/12/13 | EMF brochure webversion.pdf                     | 958  |
| 9856 | 27/06/07 | EMF Directive - Case Studies.pdf                | 416  |
| 9857 | 07/09/03 | Etude ART.pdf                                   | 307  |
| 9858 | 06/02/08 | Eurobarometer Report 2007.pdf                   | 1097 |
| 9859 | 05/08/11 | Eurobarometer Report 2010.pdf                   | 4134 |
| 9860 | 11/05/07 | European Information on EMF.pdf                 | 2330 |
| 9861 | 02/02/09 | Europeean Health & EM Fields.pdf                | 786  |
| 9862 | 29/06/07 | FCC UTC Journal, March-April'02.pdf             | 161  |
| 9863 | 06/04/12 | Fiche Antennes-relais 2011.pdf                  | 214  |
| 9864 | 29/06/12 | Fiche antennes-relais téléphone mobile 2012.pdf | 231  |
| 9865 | 02/02/09 | Green Facts ElectroMagnetic Fields.pdf          | 132  |
| 9866 | 06/01/08 | Guide UTE C 99-111.pdf                          | 266  |
| 9867 | 27/06/07 | Health Effects of EMF.pdf                       | 423  |
| 9868 | 14/02/09 | Health Effects of Exposure to EMF.pdf           | 589  |

|      |          |   |      |
|------|----------|---|------|
| 9869 | 29/06/07 | HID25 Radiofrequence.pdf                            | 84   |
| 9870 | 24/03/08 | HPA Power Frequency EM Fields.pdf                   | 1202 |
| 9871 | 23/01/14 | ICOH 2014 Les professionnels de santé.pdf           | 815  |
| 9872 | 23/01/14 | Implantation des antennes-relais.pdf                | 363  |
| 9873 | 27/09/07 | Maires & Téléphonie mobile.pdf                      | 364  |
| 9874 | 14/09/07 | Mobile Telecom Health Research.pdf                  | 590  |
| 9875 | 04/12/10 | Non-ionising radiation.pdf                          | 74   |
| 9876 | 23/01/14 | Obligations des operateurs de telephonie mobile.pdf | 406  |
| 9877 | 28/06/07 | OHS Employer Guide.pdf                              | 853  |
| 9878 | 31/08/06 | Perspective Electrique Magnetique.pdf               | 122  |
| 9879 | 21/01/08 | Plaquette NF EN 12198 Parties 2 et 3.pdf            | 42   |
| 9880 | 24/08/04 | Plaquette sante.pdf                                 | 120  |
| 9881 | 03/08/11 | Power Line & Public Exposure Guidelines.pdf         | 81   |
| 9882 | 15/05/10 | Precautionary approaches to ELF EMFs.pdf            | 818  |
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| 9884 | 01/06/03 | Pub Geneve.pdf                                      | 125  |
| 9885 | 23/01/14 | Que sont les ondes.pdf                              | 366  |
| 9886 | 23/01/14 | Questions-réponses sur les antennes relais.pdf      | 229  |
| 9887 | 29/06/07 | R. non-ionisants.pdf                                | 470  |
| 9888 | 29/09/07 | Radiation Safety Manual.pdf                         | 123  |
| 9889 | 29/01/10 | Rapport 2009 champs et santé.pdf                    | 100  |
| 9890 | 23/01/14 | Rapport COMOP - Expérimentations.pdf                | 1397 |
| 9891 | 01/06/03 | Rayonnement et santé-mobiles.pdf                    | 129  |
| 9892 | 07/03/13 | RCE-20 Health Effects RF Electromagnetic fields.pdf | 3562 |
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| 9894 | 23/01/14 | Ressources documentaires de l Etat.pdf              | 176  |
| 9895 | 16/10/04 | RF Safety.pdf                                       | 763  |
| 9896 | 15/02/08 | RNI Fribourg_2006.pdf                               | 265  |
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| 9903 | 23/01/14 | Téléphones mobiles.pdf                              | 768  |

|      |  |  |      |
|------|--|--|------|
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| 9908 | 25/02/09   | Directive 89-391-EEC rules in Poland.pdf                         | 40   |
| 9909 | 06/04/12   | Dix_orientations_Gouvernement_RF.pdf                             | 99   |
| 9910 | 07/03/13   | Electromagnetic Fields.pdf                                       | 209  |
| 9911 | 02/02/09   | EMF Exposure Risk Commission of EC.pdf                           | 74   |
| 9912 | 27/02/09   | EMF Issues Management.pdf  | 269  |
| 9913 | 25/02/09   | EMF Italian Policy.pdf   | 346  |
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| 9917 | 04/11/07   | EMF-NET Brochure.pdf   | 314  |
| 9918 | 14/02/09   | EU precautionary approach on EMF.pdf                             | 362  |
| 9919 | 25/02/09   | European EMF- policy options.pdf                                 | 27   |
| 9920 | 05/02/10   | European EMF Policy Revision.pdf                                 | 76   |
| 9921 | 05/08/11   | European Health and Consumer Protection.pdf                      | 98   |
| 9922 | 01/06/03   | European opinions.pdf  | 57   |
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| 9926 | 14/02/09   | From scientific advice to safety.pdf                             | 265  |
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|      |  |  |      |
|------|--|--|------|
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| 9944 | 25/02/09   | Slovenia EMF-Impact.pdf                        | 61   |
| 9945 | 25/02/09   | SWEA's opinion on FICETTI Consortium.pdf       | 217  |
| 9946 | 14/02/09   | The EMF-NET Methodology.pdf                    | 238  |
| 9947 | 03/04/09   | U.S. Department of Defense Limits.pdf          | 60   |
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| 9951 | 18/12/05   | Are you ready.pdf                              | 496  |
| 9952 | 30/06/07   | Berkeley N.I. Radiation.pdf                    | 257  |
| 9953 | 08/05/04   | ChampsEM-professionnels.pdf                    | 213  |
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| 9959 | 25/11/07   | FCC Amateur Radio Station Exposure.pdf         | 115  |
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| 9964 | 29/06/07   | ICNIRP.pdf                                     | 34   |
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| 9966 | 03/10/12   | Instruction DGA 302 143_2003.pdf               | 468  |
| 9967 | 22/02/11   | Minimalization of Radiation towards Head.pdf   | 164  |
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|       |   |   |      |
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| 9986  | 12/09/07  | prEN 50492 Stations de base.pdf                   | 612  |
| 9987  | 18/11/06  | prEN 50505 Resistance Welding.pdf                 | 1189 |
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| 10003 | 26/01/10  | 2006-95 Directive Electrical Equipment.pdf        | 81   |
| 10004 | 08/01/15  | 2013-35-EU English.pdf                            | 155  |
| 10005 | 13/05/08  | Arrêté 4 ao-t 2006 Mesure des champs.pdf          | 49   |
| 10006 | 18/04/11  | Causes du report de la 2004-40.pdf                | 168  |
| 10007 | 29/06/07  | ChampsEM-professionnels.pdf                       | 198  |
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|       |          |   |     |
|-------|----------|---|-----|
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| 10010 | 16/10/04 | Circulaire implantation radiotéléphone.pdf        | 50  |
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| 10014 | 29/06/07 | Décret 2 J.O nø 234 9oct 2003.pdf                 | 73  |
| 10015 | 10/05/07 | Decret 2001-1016.pdf                              | 52  |
| 10016 | 31/10/06 | Décret 2002-775 du 3 mai 2002.pdf                 | 145 |
| 10017 | 08/05/04 | Décret 2002-775 Exposition public.pdf             | 284 |
| 10018 | 05/09/07 | Décret 2003-961 Conformité terminaux.pdf          | 56  |
| 10019 | 05/09/07 | Décret 2006-61 du 18 janvier 2006.pdf             | 69  |
| 10020 | 24/08/08 | Décret nø2002-775 du 3 mai 2002.pdf               | 24  |
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| 10022 | 15/07/13 | Directive 2012-11 modifiant la 2004-40.pdf        | 55  |
| 10023 | 15/07/13 | Directive 2013-35 abrogeant la 2004-40.pdf        | 160 |
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| 10028 | 29/01/10 | Directive médicale Normes harmonisées 11-2008.pdf | 61  |
| 10029 | 02/02/09 | Directive RTTE 1995-5.pdf                         | 103 |
| 10030 | 28/01/08 | Directive travailleurs 2004-40-CE.pdf             | 75  |
| 10031 | 24/03/04 | Directive travailleurs 89-391.pdf                 | 89  |
| 10032 | 11/05/07 | Directive travailleurs 89-391-CEE.pdf             | 31  |
| 10033 | 06/01/08 | EMF en milieu professionnel.pdf                   | 24  |
| 10034 | 05/12/03 | EMFW - Council Amended proposal 14-10-2003.pdf    | 63  |
| 10035 | 02/02/09 | Exposure risk Commission of EC.pdf                | 61  |
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| 10043 | 15/01/08 | Normes harmonisées 98-37 (8-2006).pdf             | 260 |

|       |  |   |      |
|-------|--|---|------|
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| 10045 | 03/08/11   | Occupational European Directive Project.pdf           | 259  |
| 10046 | 25/02/09   | Possible amendments to 2004-40.pdf                    | 146  |
| 10047 | 23/01/14   | Proposition de loi No1635.pdf                         | 59   |
| 10048 | 27/01/10   | Proposition directive IRM.pdf                         | 99   |
| 10049 | 01/07/07   | Recommandation public 1999-519-CE.pdf                 | 77   |
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| 10075 | 12/07/12   | Loss Model for Homogeneous Human Tissues.pdf          | 477  |
| 10076 | 03/06/07   | Muman Brain Dielectric Properties.pdf                 | 164  |
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| 10078 | 04/07/12   | Permittivity Reconstruction of Biological Tissues.pdf | 290  |



|       |          |   |       |
|-------|----------|---|-------|
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10085

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10087

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10105

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|       |          |  |       |
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10138

## 10139 Formation en CEM

10140

|       |          |                                 |      |
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| 10147 | 21/03/04 | Apports français ... la TSF.pdf | 37   |
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|       |          |   |       |
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| 10155 | 03/04/07 | CEM G. Pinson.pdf                             | 465   |
| 10156 | 25/10/15 | Chemins des perturbations ou couplage.pdf     | 210   |
| 10157 | 25/05/06 | cir8.pdf                                      | 168   |
| 10158 | 18/06/06 | Common EMC Measurement Terms.pdf              | 1509  |
| 10159 | 09/09/05 | Computer Engineering EMC Course.pdf           | 294   |
| 10160 | 25/02/16 | Controlling Radiated Emissions by Design.pdf  | 1427  |
| 10161 | 25/05/06 | Cours CEM 2004 CRESITT.ppt                    | 10188 |
| 10162 | 23/10/09 | Cours CEM Nayman.pdf                          | 396   |
| 10163 | 16/11/05 | Cours de CEM théorique.pdf                    | 547   |
| 10164 | 08/03/04 | Current Element vs Hertzian Dipole.pdf        | 107   |
| 10165 | 02/09/08 | Current return.pdf                            | 1935  |
| 10166 | 20/05/14 | Educating 21st US Century Engineers.pdf       | 285   |
| 10167 | 24/10/14 | Educational Laboratory Experiments on EMC.pdf | 1713  |
| 10168 | 10/03/07 | Electromagnetics Explained.pdf                | 4015  |
| 10169 | 08/10/06 | EM Education in North America.pdf             | 43    |
| 10170 | 14/11/04 | EM Fields & Mathematics.pdf                   | 88    |
| 10171 | 12/01/08 | EMC Case Histories.pdf                        | 190   |
| 10172 | 29/10/08 | EMC Course for Computer Engineers.pdf         | 63    |
| 10173 | 07/04/07 | EMC Fundamentals.pdf                          | 1359  |
| 10174 | 25/02/04 | EMC teaching.pdf                              | 50    |
| 10175 | 15/11/05 | EMC Technology Platform 2005.pdf              | 465   |
| 10176 | 28/02/04 | EMC training.pdf                              | 613   |
| 10177 | 17/03/07 | ESINSA - Option MI.pdf                        | 71    |
| 10178 | 18/12/07 | Establishing EMC Education.pdf                | 83    |
| 10179 | 02/12/07 | Fundamentals of Telecommunications.pdf        | 162   |
| 10180 | 23/01/07 | General Class Amateur Radio Course.pdf        | 1629  |
| 10181 | 15/09/04 | Guide CEM.pdf                                 | 245   |
| 10182 | 01/05/04 | guide public fr.pdf                           | 538   |
| 10183 | 17/04/07 | Ham Licence Exam.pdf                          | 147   |

|       |  |  |      |
|-------|--|--|------|
| 10184 | 24/08/09   | How to Give Effective Presentation.pdf     | 131  |
| 10185 | 26/03/15   | How to Give Effective Presentation-2.pdf   | 191  |
| 10186 | 28/10/08   | Introduction of EMC Design.pdf             | 106  |
| 10187 | 29/10/08   | Introduction of EMC.pdf                    | 93   |
| 10188 | 29/11/11   | Introduction to EM Fields and Waves.pdf    | 828  |
| 10189 | 19/08/09   | LF EMC Education in Czech Republic.pdf     | 226  |
| 10190 | 21/03/09   | Magnetic Field Quiz.pdf                    | 876  |
| 10191 | 18/03/11   | Microwave Education by Animations.pdf      | 363  |
| 10192 | 08/04/07   | NARTE EMC Engineer Certification.pdf       | 146  |
| 10193 | 25/02/04   | Narte Exam.pdf                             | 105  |
| 10194 | 10/11/08   | Noise and Interference.pdf                 | 309  |
| 10195 | 01/06/03   | Note Europe 05_fr.pdf                      | 76   |
| 10196 | 19/12/04   | On-Line EMC Course.pdf                     | 276  |
| 10197 | 17/04/07   | Online Radio & Electronic Course.pdf       | 444  |
| 10198 | 20/03/09   | Physics Challenge 2004.pdf                 | 271  |
| 10199 | 30/07/04   | Procédure d'évaluation de conformité.pdf   | 181  |
| 10200 | 29/07/15   | Project Management Tips and Techniques.pdf | 266  |
| 10201 | 16/04/03   | QCM Canada.pdf                             | 156  |
| 10202 | 18/06/05   | Revised EMC directive.pdf                  | 91   |
| 10203 | 23/12/04   | Teach electricity & electronics.pdf        | 3341 |
| 10204 | 14/11/04   | Teaching Coupling Mechanisms.pdf           | 160  |
| 10205 | 03/03/15   | Technical Presentations - Visual Aids.pdf  | 626  |
| 10206 | 20/02/14   | Technical Presentations Book.pdf           | 271  |
| 10207 | 06/09/11   | The Education of EMC - UWB.pdf             | 261  |
| 10208 | 23/09/14   | UIT EMC fundamentals.pdf                   | 1668 |
| 10209 | 08/03/09   | Undergraduate Level EMC Education.pdf      | 132  |
| 10210 | 19/01/06   | UPS compliance.pdf                         | 799  |
| 10211 | 20/02/07   | viewgraphs EM life above 100 MHz.pdf       | 289  |
| 10212 | 21/11/14   | What is Spectrum?.pdf                      | 1685 |
| 10213 | <b>Formation en CEM\CEM formations externes</b>                              |  |      |
| 10214 | 12/11/09   | Layout & EMC - Linear Technology.pdf       | 1025 |
| 10215 | 12/11/09   | Philips EMC.pdf                            | 233  |
| 10216 | <b>Formation en CEM\CEM formations externes\thèse CEM conversion énergie</b> |  |      |
| 10217 | 13/10/03   | append.pdf                                 | 49   |
| 10218 | 13/10/03   | chapter1.pdf                               | 23   |

|       |  |  |      |
|-------|--|--|------|
| 10219 | 13/10/03                               | chapter2.pdf                                 | 438  |
| 10220 | 13/10/03                               | chapter3.pdf                                 | 478  |
| 10221 | 13/10/03                               | chapter4.pdf                                 | 230  |
| 10222 | 13/10/03                               | chapter5.pdf                                 | 643  |
| 10223 | 13/10/03                               | chapter6.pdf                                 | 11   |
| 10224 | 13/10/03                               | etd.pdf                                      | 39   |
| 10225 | 13/10/03                               | referenc.pdf                                 | 30   |
| 10226 | <b>Formation en CEM\cours internet</b> |  |      |
| 10227 | 12/11/09                               | Cours de CEM - Présentation générale.pdf     | 775  |
| 10228 | 12/11/09                               | les Perturbations.pdf                        | 1722 |
| 10229 | 12/11/09                               | TP susceptibilité aux rayonnements.pdf       | 454  |
| 10230 | <b>Formation en CEM\NEETS Training</b> |  |      |
| 10231 | 15/06/07                               | NEETS 10-Propagation Lines & Antennas.pdf    | 2297 |
| 10232 | 21/08/06                               | NEETS 11-Microwave Principles.pdf            | 3149 |
| 10233 | 15/06/07                               | NEETS 12-Modulation Principles.pdf           | 1609 |
| 10234 | 21/08/06                               | NEETS 13-Number Systems & Logic.pdf          | 1037 |
| 10235 | 15/06/07                               | NEETS 14-Microelectronics.pdf                | 4428 |
| 10236 | 15/06/07                               | NEETS 15-Synchros Servos & Gyros.pdf         | 1400 |
| 10237 | 15/06/07                               | NEETS 16-Test Equipment.pdf                  | 1801 |
| 10238 | 15/06/07                               | NEETS 17-RF Communications.pdf               | 2363 |
| 10239 | 15/06/07                               | NEETS 18-Radar Principles.pdf                | 1568 |
| 10240 | 15/06/07                               | NEETS 19-The Technicians Handbook.pdf        | 1139 |
| 10241 | 15/06/07                               | NEETS 1-Matter Energy & DC.pdf               | 1806 |
| 10242 | 15/06/07                               | NEETS 20-Master Glossary.pdf                 | 471  |
| 10243 | 15/06/07                               | NEETS 21-Test Method & Practices.pdf         | 1841 |
| 10244 | 21/08/06                               | NEETS 22-Digital Computers.pdf               | 3072 |
| 10245 | 21/08/06                               | NEETS 23-Magnetic Recording.pdf              | 2453 |
| 10246 | 15/06/07                               | NEETS 24-Fiber Optics.pdf                    | 1424 |
| 10247 | 15/06/07                               | NEETS 2-AC & Transformers.pdf                | 3057 |
| 10248 | 15/06/07                               | NEETS 3-Circuit Protection & Measurement.pdf | 2134 |
| 10249 | 15/06/07                               | NEETS 4-Conductors Wiring & Schematic.pdf    | 1364 |
| 10250 | 15/06/07                               | NEETS 5-Generators and Motors.pdf            | 1080 |
| 10251 | 15/06/07                               | NEETS 6-Emission Tubes Power Supplies.pdf    | 1381 |
| 10252 | 15/06/07                               | NEETS 7-Solid-State & Power Supplies.pdf     | 2233 |
| 10253 | 15/06/07                               | NEETS 8-Amplifiers.pdf                       | 1054 |

|       |          |  |      |
|-------|----------|--|------|
| 10254 | 15/06/07 | NEETS 9-Wave-Generation & Shapping.pdf | 1694 |
| 10255 | 21/08/06 | NEETS Volume2 Administration.pdf       | 1791 |

10256

10257

## Foudre

10258

10259

### Foudre\Béton armé et bâtiments

|       |          |   |      |
|-------|----------|---|------|
| 10260 | 19/02/10 | Blindage du champ foudre par béton armé.pdf       | 777  |
| 10261 | 20/02/02 | Direct strikes on building.pdf                    | 127  |
| 10262 | 26/12/08 | Double-Layer Struck Grid Shields.pdf              | 213  |
| 10263 | 19/06/15 | EMF Inside a Reinforced Concrete Building.pdf     | 1071 |
| 10264 | 19/12/05 | Foudroiement d'une maison.pdf                     | 393  |
| 10265 | 01/10/12 | Grid-Like Shields in Lightning EMF.pdf            | 603  |
| 10266 | 14/05/09 | H fields inside building - Mardiguian.pdf         | 1024 |
| 10267 | 19/06/15 | Induced Currents in Steel Reinforced Concrete.pdf | 591  |
| 10268 | 08/01/10 | Lightning Fields in Buildings (Mardiguian).pdf    | 1096 |
| 10269 | 02/03/09 | Lightning EMF in Reinforced Concrete.pdf          | 183  |
| 10270 | 31/08/07 | Lightning Field Inside Enclosure.pdf              | 288  |
| 10271 | 24/11/07 | Magnetic Field inside a Building.pdf              | 455  |
| 10272 | 03/01/11 | Reinforced Concrete Struck by Lightning.pdf       | 245  |
| 10273 | 05/03/04 | SOWA 1988.pdf                                     | 1473 |
| 10274 | 26/02/16 | Transient Lightning H Field in a Building.pdf     | 732  |

10275

### Foudre\Câbles enterrés et foudre

|       |          |   |     |
|-------|----------|---|-----|
| 10276 | 26/10/08 | Airport Lighting & Direct Lightning.pdf                             | 325 |
| 10277 | 25/05/12 | Buried Cables and Shield Wire Protection.pdf                        | 614 |
| 10278 | 19/12/14 | Buried Cables in Horizontally Stratified Ground.pdf                 | 688 |
| 10279 | 19/12/14 | Buried Cables in Ocean-Land Mixed Path.pdf                          | 956 |
| 10280 | 28/06/14 | EM Radiation Over a Horizontally Multilayered Conducting Ground.pdf | 448 |
| 10281 | 10/12/07 | Induced Voltage in Buried Conduits.pdf                              | 689 |
| 10282 | 26/02/16 | Lightning EMF on Underground Cables in Wind Farms.pdf               | 531 |
| 10283 | 03/09/07 | Lightning Inducion in Buried Cables 1.pdf                           | 379 |
| 10284 | 03/09/07 | Lightning Inducion in Buried Cables 2.pdf                           | 979 |
| 10285 | 14/08/14 | Lightning-Induced Current in a Buried Cable.pdf                     | 352 |
| 10286 | 31/12/14 | Lightning-Induced Currents on Buried Cables.pdf                     | 993 |
| 10287 | 14/11/04 | Long Heliac Cables & Lightning.pdf                                  | 215 |
| 10288 | 31/08/07 | Overhead and Buried Cables Lightning.pdf                            | 231 |

|       |   |   |      |
|-------|---|---|------|
| 10289 | 26/03/14                                | Transient Analysis of Buried Wires.pdf                          | 468  |
| 10290 | <b>Foudre\Champs, induction et LEMP</b> |   |      |
| 10291 | 19/06/15                                | Building Shielding Against LEMP.pdf                             | 1000 |
| 10292 | 21/10/15                                | E Fields Radiated by Lightning Stepped Leaders.pdf              | 922  |
| 10293 | 21/10/15                                | Effects of Channel Tortuosity in Lightning-Induced Voltages.pdf | 480  |
| 10294 | 31/03/11                                | EM Field Generated by Lightning Return Strokes.pdf              | 156  |
| 10295 | 03/09/07                                | EM Lightning fields & Lossy Ground.pdf                          | 454  |
| 10296 | 31/12/14                                | FDTD Method to LEMP and Surge Simulations.pdf                   | 904  |
| 10297 | 23/12/15                                | Fields From Lightning Test Currents.pdf                         | 451  |
| 10298 | 23/09/09                                | Finitely Conducting Ground & H Field.pdf                        | 143  |
| 10299 | 23/04/13                                | Horizontal E Field Calculation at Earth Surface.pdf             | 253  |
| 10300 | 23/01/13                                | Horizontal E Field Radiated by Lightning.pdf                    | 253  |
| 10301 | 05/06/11                                | Horizontal Electric Field Excited by Lightning.pdf              | 329  |
| 10302 | 27/08/11                                | Horizontal Electric Field From Lightning.pdf                    | 804  |
| 10303 | 15/02/13                                | Horizontal Electric Field of a Lightning Channel.pdf            | 435  |
| 10304 | 21/11/12                                | Horizontal Electric Field of Lightning 2.pdf                    | 334  |
| 10305 | 03/01/11                                | Horizontal Electric Field of Lightning Flashes.pdf              | 217  |
| 10306 | 03/03/09                                | Horizontal Electric Field of Lightning.pdf                      | 39   |
| 10307 | 10/01/11                                | Horizontally Stratified Ground on Lightning EMF.pdf             | 1065 |
| 10308 | 16/10/12                                | LEMF from the Return-Stroke Parameters.pdf                      | 216  |
| 10309 | 31/12/14                                | LEMP in 2-D Cylindrical Coordinate System.pdf                   | 378  |
| 10310 | 04/12/07                                | Lightning E & H Fields.pdf                                      | 823  |
| 10311 | 23/09/09                                | Lightning Electric Field Characteristics.pdf                    | 238  |
| 10312 | 20/02/02                                | Lightning electric field.pdf                                    | 74   |
| 10313 | 26/09/10                                | Lightning EM Fields Above Stratified Ground.pdf                 | 240  |
| 10314 | 30/03/10                                | Lightning Field in Frequency Domain.pdf                         | 292  |
| 10315 | 31/08/07                                | Lightning Horizontal Electric Field 1.pdf                       | 174  |
| 10316 | 26/09/10                                | Lightning Horizontal Electric Field 2.pdf                       | 140  |
| 10317 | 26/03/14                                | Lightning Horizontal Field Over Ground.pdf                      | 627  |
| 10318 | 26/02/16                                | Lightning Induced Voltage in Short Loops.pdf                    | 305  |
| 10319 | 27/02/13                                | Lightning Radiated Electromagnetic Fields.pdf                   | 122  |
| 10320 | 09/02/11                                | Lightning Return Stroke EMF.pdf                                 | 336  |
| 10321 | 23/09/09                                | Lightning Return Stroke Vs Measured Fields.pdf                  | 506  |
| 10322 | 23/09/09                                | Lightning Return-Stroke Models.pdf                              | 191  |
| 10323 | 06/07/08                                | Lightning-Induced Magnetic Fields.pdf                           | 1130 |

|       |  |   |      |
|-------|--|---|------|
| 10324 | 23/12/15                                       | Lightning-Induced Voltages in with Nearby Buildings.pdf | 901  |
| 10325 | 21/08/13                                       | Lightning-Radiated Horizontal E Field.pdf               | 453  |
| 10326 | 26/02/16                                       | Propagation Effects on the E Field Time Derivatives.pdf | 749  |
| 10327 | 21/10/15                                       | Slope Angle of the Ocean-Land Propagation Path.pdf      | 1478 |
| 10328 | 15/08/14                                       | Stroke Current Propagation Velocity.pdf                 | 392  |
| 10329 | 19/12/14                                       | Time-Domain Calibration of LEMP Sensor.pdf              | 311  |
| 10330 | 20/08/09                                       | Zero Crossing Distance of Lightning EMF.pdf             | 106  |
| 10331 | <b>Foudre\CTS et Lightning Eliminators</b>     |   |      |
| 10332 | 26/03/07                                       | Lightning Elimination Claim.pdf                         | 79   |
| 10333 | 04/12/05                                       | Lightning Strike Protection.pdf                         | 211  |
| 10334 | 12/09/06                                       | Preventing Direct Strikes.pdf                           | 596  |
| 10335 | 12/09/06                                       | Request DAS-CTS Lightning Systems.pdf                   | 31   |
| 10336 | 06/12/05                                       | Sline Ball Ionizer Con.pdf                              | 152  |
| 10337 | 17/12/05                                       | There Is No Magic.pdf                                   | 32   |
| 10338 | <b>Foudre\Détection et Localisation foudre</b> |   |      |
| 10339 | 27/02/13                                       | Angular Distribution of TGF Emission.pdf                | 172  |
| 10340 | 27/02/13                                       | Early VLF events.pdf                                    | 105  |
| 10341 | 21/11/14                                       | EM Time Reversal & Lightning Location.pdf               | 1206 |
| 10342 | 21/11/14                                       | Introduc)on to Classical Location Techniques.pdf        | 1632 |
| 10343 | 23/09/09                                       | Lightning Detection Networks.pdf                        | 247  |
| 10344 | 16/02/02                                       | Lightning detection.pdf                                 | 97   |
| 10345 | 26/02/16                                       | Lightning EMF Propagation Along Irregular Terrain.pdf   | 488  |
| 10346 | 23/09/09                                       | Lightning Locating Systems.pdf                          | 463  |
| 10347 | 04/12/07                                       | Lightning Location Systems.pdf                          | 884  |
| 10348 | 04/06/11                                       | Lightning Studies of a Square Kilometre Array.pdf       | 541  |
| 10349 | 20/02/02                                       | Location cloud-to-ground.pdf                            | 119  |
| 10350 | 26/03/14                                       | Location of Lightning Discharges.pdf                    | 316  |
| 10351 | 13/01/09                                       | Météorage Foudroiement F 2008.pdf                       | 112  |
| 10352 | 26/07/07                                       | METEORAGE mesure du foudroiement.pdf                    | 506  |
| 10353 | 03/06/07                                       | Micro-satellite & lightning VHF.pdf                     | 54   |
| 10354 | 28/02/09                                       | National Lightning Detection Network.pdf                | 916  |
| 10355 | 27/02/13                                       | Radio-physical analysis for thunderstorm.pdf            | 711  |
| 10356 | 27/02/13                                       | Single-Site Lightning Location System.pdf               | 106  |
| 10357 | 13/03/12                                       | Square Kilometer Array Structure Correction.pdf         | 105  |
| 10358 | 16/05/14                                       | US National Lightning Detection Network.pdf             | 566  |



|       |   |  |      |
|-------|---|--|------|
| 10359 | 28/02/13  | VHF Broadband Interferometer for Lightning.pdf             | 379  |
| 10360 | <b>Foudre\Effets de la foudre et protection</b> |  |      |
| 10361 | 27/02/13  | Array Telescope Lightning Protection.pdf                   | 329  |
| 10362 | 21/11/12  | Computation of Lightning-Induced Voltages.pdf              | 257  |
| 10363 | 03/06/06  | Conventional Lightning Protection.pdf                      | 1440 |
| 10364 | 01/09/07  | Direct Lightning Strikes Loop Voltage.pdf                  | 342  |
| 10365 | 12/09/06  | Erico Lightning Protection.pdf                             | 95   |
| 10366 | 06/12/05  | Flammables Storage Facilities.pdf                          | 183  |
| 10367 | 15/02/13  | Formulations for Lightning-Induced Voltage.pdf             | 1056 |
| 10368 | 21/03/04  | Foudre et Ariane 5.pdf                                     | 210  |
| 10369 | 06/09/12  | Foudre et protection des bâtiments.pdf                     | 366  |
| 10370 | 12/09/06  | Foudre-Protec.pdf  | 495  |
| 10371 | 03/10/06  | Hélita généralités.pdf                                     | 663  |
| 10372 | 19/02/02  | HF effects.pdf   | 155  |
| 10373 | 10/12/07  | Induced Effects of Lightning.pdf                           | 286  |
| 10374 | 27/02/13  | Interconnections in buildings for lightning protection.pdf | 125  |
| 10375 | 02/03/09  | LEMP Effects on Wire Structures.pdf                        | 194  |
| 10376 | 30/03/10  | Lightning Effects on a Rocket.pdf                          | 606  |
| 10377 | 12/11/08  | Lightning Effects on Structures.pdf                        | 293  |
| 10378 | 20/12/04  | Lightning Effects on Telephone.pdf                         | 175  |
| 10379 | 28/04/07  | Lightning Protection & Grounding.pdf                       | 2925 |
| 10380 | 16/10/12  | Lightning protection 2.pdf                                 | 2613 |
| 10381 | 28/05/06  | Lightning protection for power plants.pdf                  | 170  |
| 10382 | 28/08/08  | Lightning Protection for Space Vehicles.pdf                | 734  |
| 10383 | 09/12/07  | Lightning Protection Systems.pdf                           | 2408 |
| 10384 | 09/12/07  | LIGHTNING PROTECTION.pdf                                   | 51   |
| 10385 | 23/09/09  | Lightning Research & Lightning Protection.pdf              | 157  |
| 10386 | 07/12/05  | Lightning Secondary Effects.pdf                            | 67   |
| 10387 | 03/01/11  | Lightning Surges Into Residences.pdf                       | 640  |
| 10388 | 18/12/05  | lightning.ppt  | 323  |
| 10389 | 23/01/06  | Mitigating Lightning Hazards.pdf                           | 347  |
| 10390 | 19/12/04  | Myths of Lightning Protection.pdf                          | 68   |
| 10391 | 03/12/05  | Nuclear Plants Lightning Protection.pdf                    | 169  |
| 10392 | 09/11/08  | Nuclear Power Plants Surge Withstand.pdf                   | 141  |
| 10393 | 04/12/05  | Oil & Gas Lightning Protection.pdf                         | 260  |

|       |                                   |  |      |
|-------|-----------------------------------|--|------|
| 10394 | 25/09/12                          | Omega3-v9 Formalisation du savoir.pdf                      | 3086 |
| 10395 | 25/11/07                          | Practical Protection of Electronics.pdf                    | 305  |
| 10396 | 30/11/08                          | Protection naviagtion aérienne.pdf                         | 263  |
| 10397 | 03/09/07                          | Protection Schemes of Single Tower.pdf                     | 222  |
| 10398 | 26/03/07                          | Scientific Basis for Lightning Protection.pdf              | 111  |
| 10399 | 26/09/10                          | Study on Lightning Protection.pdf                          | 329  |
| 10400 | <b>Foudre\Eoliennes et foudre</b> |  |      |
| 10401 | 10/04/15                          | Cloud-to-Ground Lightning and Wind Turbines.pdf            | 4705 |
| 10402 | 25/04/06                          | Lightning & large Wind Turbine Blades.pdf                  | 420  |
| 10403 | 10/04/15                          | Lightning damages to wind turbines.pdf                     | 1513 |
| 10404 | 10/04/15                          | Lightning observations at wind farms in Japan.pdf          | 2196 |
| 10405 | 10/04/15                          | Lightning Protection of Wind Turbines.pdf                  | 1765 |
| 10406 | 10/04/15                          | LightningProtectionof Wind Turbine Blades.pdf              | 3154 |
| 10407 | 08/11/08                          | Wind Turbine Lightning Protection.pdf                      | 242  |
| 10408 | 31/03/11                          | Wind-Turbine Main-Shaft Bearings.pdf                       | 327  |
| 10409 | <b>Foudre\Ferroviaire</b>         |  |      |
| 10410 | 31/03/11                          | Indirect Lightning Strikes for Railway Systems.pdf         | 496  |
| 10411 | <b>Foudre\Foudre en boule</b>     |  |      |
| 10412 | 19/02/07                          | Ball Lightning - Tennakone.pdf                             | 50   |
| 10413 | 19/02/07                          | Ball Lightning & Maser.pdf                                 | 19   |
| 10414 | 30/03/09                          | Ball Lightning Fears.pdf                                   | 4973 |
| 10415 | 19/02/07                          | Ball lightning Project.pdf                                 | 141  |
| 10416 | 20/02/07                          | Ball Lightning Strikes.pdf                                 | 867  |
| 10417 | 20/02/02                          | Ball lightning.pdf   | 27   |
| 10418 | 29/06/10                          | CNES foudre en boule_78.pdf                                | 496  |
| 10419 | 29/07/15                          | Foudre en boule - Wiki.pdf                                 | 320  |
| 10420 | <b>Foudre\Foudre négative</b>     |  |      |
| 10421 | 01/03/09                          | Negative Lightning E-Field Pulse Trains.pdf                | 244  |
| 10422 | 23/09/09                          | Negative Upward-Initiated Lightning.pdf                    | 490  |
| 10423 | 28/10/07                          | Negative Winter Lightning Strokes.pdf                      | 160  |
| 10424 | <b>Foudre\Foudre positive</b>     |  |      |
| 10425 | 15/08/14                          | E Field Waveforms of Positive Lightning Return Strokes.pdf | 423  |
| 10426 | 11/01/10                          | Upward Positive Leaders With Humans.pdf                    | 224  |
| 10427 | <b>Foudre\Grands objets</b>       |  |      |
| 10428 | 23/12/15                          | ATP Modeling of Tall-Structure Lightning Current.pdf       | 549  |

|       |  |  |      |
|-------|--|--|------|
| 10429 | 26/10/08                                       | CN Tower Lightning Return-Stroke.pdf                   | 265  |
| 10430 | 25/05/12                                       | Current Pulse Propagation Along Conical Structures.pdf | 915  |
| 10431 | 06/03/04                                       | Elevated Objects Lightning Strokes.pdf                 | 364  |
| 10432 | 31/08/07                                       | EM Field on Top of Tall Building.pdf                   | 305  |
| 10433 | 22/01/07                                       | EPFL Elevated Strike Objects.pdf                       | 3577 |
| 10434 | 27/08/11                                       | Junction of Tall Grounded Object and Lightning.pdf     | 441  |
| 10435 | 21/10/15                                       | Lightning on Composite Transmission Line Tower.pdf     | 405  |
| 10436 | 29/08/11                                       | Lightning Protection & Building Resonances.pdf         | 212  |
| 10437 | 05/06/11                                       | Lightning Radiated Fields to Tall Structures.pdf       | 515  |
| 10438 | 08/09/05                                       | Lightning Strikes & Grounding.pdf                      | 373  |
| 10439 | 25/11/07                                       | Lightning Strikes to Tall Structures.pdf               | 213  |
| 10440 | 03/09/07                                       | Lightning Strokes to Elevated Objects.pdf              | 680  |
| 10441 | 31/03/11                                       | Lightning to a Tall Object.pdf                         | 397  |
| 10442 | 04/12/07                                       | Lightning to Tall Structures.pdf                       | 610  |
| 10443 | 21/02/09                                       | Lightning-Return Strokes to Tall Towers.pdf            | 227  |
| 10444 | 23/01/06                                       | Struck by Lightning.pdf                                | 3276 |
| 10445 | 26/09/10                                       | Substation Shielding Against Direct Lightning.pdf      | 401  |
| 10446 | 20/02/02                                       | Tall building effects.pdf                              | 137  |
| 10447 | 20/02/02                                       | Tall structures lightning.pdf                          | 87   |
| 10448 | 20/02/02                                       | Tower Lightning current.pdf                            | 147  |
| 10449 | 06/07/08                                       | Towers Return Stroke Current.pdf                       | 1070 |
| 10450 | 22/02/09                                       | Transient Response of a Tall Object.pdf                | 152  |
| 10451 | 23/12/15                                       | Transient Response of a Top Structure.pdf              | 709  |
| 10452 | <b>Foudre\Guides et évaluation des risques</b> |  |      |
| 10453 | 30/07/11                                       | A Risk Assessment for LPS.pdf                          | 523  |
| 10454 | 13/08/05                                       | APF Fiche FC-4.pdf                                     | 253  |
| 10455 | 10/09/03                                       | ARRETE 93 CIRCULAIRES 93-96.pdf                        | 112  |
| 10456 | 29/06/10                                       | DEHN SOHNE - Direct Strike Lightning.pdf               | 8120 |
| 10457 | 08/11/08                                       | Eaton's Guide to Surge Suppression.pdf                 | 381  |
| 10458 | 19/08/05                                       | Foudre & installations HT Nø168.pdf                    | 167  |
| 10459 | 23/12/05                                       | Foudre dans l'industrie.pdf                            | 150  |
| 10460 | 22/09/06                                       | GAO Federal Buildings Lightning Protection.pdf         | 149  |
| 10461 | 18/08/11                                       | Guide foudre DCE-10-109423-00628b.pdf                  | 561  |
| 10462 | 26/04/03                                       | Guide Legrand.pdf                                      | 905  |
| 10463 | 18/02/09                                       | Guide SER ADEME 2008.pdf                               | 325  |

|       |  |  |      |
|-------|--|--|------|
| 10464 | 02/10/10                                 | Guide UTE Protection Foudre Ed2.pdf              | 1011 |
| 10465 | 04/06/10                                 | ICLP2008 Lightning Risk Analysis.pdf             | 336  |
| 10466 | 04/06/10                                 | ICLP2008 Practical Risk Evaluation.pdf           | 507  |
| 10467 | 08/09/07                                 | IEEE House lightning protection.pdf              | 4960 |
| 10468 | 02/02/06                                 | INERIS foudre.pdf                                | 617  |
| 10469 | 12/11/09                                 | Notice foudre STBFT 2004.pdf                     | 7329 |
| 10470 | 11/05/03                                 | Plaquette EDF protection foudre.pdf              | 689  |
| 10471 | 23/12/05                                 | Promotelec Nø31.pdf                              | 736  |
| 10472 | 26/04/03                                 | Protection gruet.pdf                             | 681  |
| 10473 | 19/12/05                                 | Risques & prévention SP1076.pdf                  | 614  |
| 10474 | 14/09/06                                 | Structures Design Guidelines 2005.pdf            | 1551 |
| 10475 | 26/04/03                                 | Surtension Schneider.pdf                         | 191  |
| 10476 | <b>Foudre\Lignes aériennes et postes</b> |  |      |
| 10477 | 24/04/10                                 | Agression foudre sur réseau de télécom.pdf       | 2865 |
| 10478 | 23/10/08                                 | Attachment Height & Induced Voltage.pdf          | 154  |
| 10479 | 25/05/12                                 | Backflashovers of Transmission Lines.pdf         | 314  |
| 10480 | 11/09/02                                 | Cable lightning coupling.pdf                     | 89   |
| 10481 | 18/02/02                                 | Catenary Lightning Protection.pdf                | 272  |
| 10482 | 30/12/06                                 | Direct Lightning on Ground Grid.pdf              | 119  |
| 10483 | 26/03/07                                 | Direct Lightning Stroke Shielding.pdf            | 730  |
| 10484 | 01/03/09                                 | Discontinuities in Multiconductor Line.pdf       | 409  |
| 10485 | 31/03/11                                 | Distribution-Line Faults Caused by Lightning.pdf | 222  |
| 10486 | 01/10/12                                 | Field-to-Transmission Line Coupling Models.pdf   | 644  |
| 10487 | 21/03/04                                 | Foudre et cable de garde.pdf                     | 197  |
| 10488 | 21/03/04                                 | Foudre sur réseau de télécom.pdf                 | 131  |
| 10489 | 15/02/13                                 | Grounding Electrodes and OverheadWire.pdf        | 351  |
| 10490 | 21/10/15                                 | Indirect Lightning of Aerial Lines.pdf           | 476  |
| 10491 | 12/10/09                                 | Induced Surges on a Long Overhead Line.pdf       | 178  |
| 10492 | 01/03/09                                 | Induced Voltage on Overhead Wire.pdf             | 147  |
| 10493 | 23/02/09                                 | Induced Voltages in LV Networks.pdf              | 158  |
| 10494 | 23/09/09                                 | Induced Voltages on Overhead Lines 2.pdf         | 259  |
| 10495 | 26/10/08                                 | Induced Voltages on Overhead Lines.pdf           | 290  |
| 10496 | 01/03/09                                 | Induced Voltages Over Lossy Ground.pdf           | 132  |
| 10497 | 10/04/07                                 | Lightning & H.V. Substation.pdf                  | 422  |
| 10498 | 23/09/09                                 | Lightning EMF Coupling to Overhead Lines.pdf     | 545  |

|       |                             |  |      |
|-------|-----------------------------|--|------|
| 10499 | 28/06/14                    | Lightning Flashover Rates of Overhead Lines.pdf                      | 489  |
| 10500 | 20/12/04                    | Lightning hazard in substation.pdf                                   | 120  |
| 10501 | 20/12/04                    | Lightning in HV substation.pdf                                       | 406  |
| 10502 | 29/08/11                    | Lightning Induced Voltages in Overhead Lines.pdf                     | 286  |
| 10503 | 03/09/07                    | Lightning of a Power Line Tower.pdf                                  | 369  |
| 10504 | 12/10/06                    | Lightning of a Tower & its Grounding.pdf                             | 109  |
| 10505 | 03/09/07                    | Lightning Overhead Wire Overvoltage.pdf                              | 332  |
| 10506 | 03/01/11                    | Lightning Overvoltage at First Strokes.pdf                           | 301  |
| 10507 | 13/01/08                    | Lightning Protection of Power Systems.pdf                            | 516  |
| 10508 | 28/10/07                    | Lightning Shielding of Overhead Lines.pdf                            | 419  |
| 10509 | 11/01/10                    | Lightning Strokes in a Power Substation.pdf                          | 308  |
| 10510 | 12/10/09                    | Lightning Surges on Overhead Line.pdf                                | 266  |
| 10511 | 23/01/13                    | Lightning Surges on Overhead Wires.pdf                               | 1031 |
| 10512 | 01/10/12                    | Lightning-Induced Overvoltages on Overhead Lines.pdf                 | 432  |
| 10513 | 31/03/11                    | Lightning-Induced Surges Calculation.pdf                             | 236  |
| 10514 | 04/06/11                    | Lightning-Induced Voltages Along a Railway Catenary.pdf              | 285  |
| 10515 | 31/03/11                    | Lightning-Induced Voltages on Transmission Lines.pdf                 | 313  |
| 10516 | 19/12/14                    | Lightning-Induced Voltages Over Lossy Ground.pdf                     | 553  |
| 10517 | 13/01/08                    | Lightning-Induced Voltages.pdf                                       | 733  |
| 10518 | 12/09/06                    | Nasa Catenary Capability Analysis.pdf                                | 6885 |
| 10519 | 31/12/06                    | Overhead Line above Multi-Layer Soil.pdf                             | 133  |
| 10520 | 23/12/15                    | Overhead Lines in the Presence of Surge Arresters.pdf                | 647  |
| 10521 | 26/03/14                    | Periodically Grounded Lossless Multiconductor Transmission Lines.pdf | 309  |
| 10522 | 05/06/11                    | Periodically Grounded Neutral Conductor.pdf                          | 403  |
| 10523 | 01/05/09                    | Potential Differences inside Structures.pdf                          | 175  |
| 10524 | 25/11/07                    | Power Lines Overvoltage Calculations.pdf                             | 164  |
| 10525 | 03/12/05                    | Stroke Shielding of Substations.pdf                                  | 715  |
| 10526 | 02/04/09                    | Substation Lightning Stroke Shielding.pdf                            | 2596 |
| 10527 | 13/01/14                    | The Relevance of Subsequent Strokes.pdf                              | 330  |
| 10528 | 09/06/07                    | Transient Response to Lightning.pdf                                  | 101  |
| 10529 | 21/12/04                    | Urban Substation & Environment.pdf                                   | 124  |
| 10530 | 01/10/12                    | Voltages Induced on Overhead Conductors.pdf                          | 576  |
| 10531 | 03/03/09                    | Voltages Induced on Overhead Lines.pdf                               | 234  |
| 10532 | 23/12/15                    | Wide-Band Modeling of Tower-Footing Grounding.pdf                    | 1129 |
| 10533 | Foudre\Mesures de la foudre |  |      |

|       |   |   |      |
|-------|---|---|------|
| 10534 | 13/11/04  | Characteristics of Lightning Strokes.pdf                    | 252  |
| 10535 | 11/07/12  | Compensation of the Instrumental Decay.pdf                  | 216  |
| 10536 | 19/06/15  | Current Impulses in Lightning Protection.pdf                | 467  |
| 10537 | 28/02/09  | Fields in Cloud-to-Ground Lightning.pdf                     | 197  |
| 10538 | 12/10/09  | First Versus Subsequent Negative Strokes.pdf                | 221  |
| 10539 | 17/10/14  | HV Composite Transmission Tower under Lightning Strokes.pdf | 959  |
| 10540 | 25/05/12  | Lightning Channel Base Current.pdf                          | 627  |
| 10541 | 26/03/14  | Lightning Channel-Base Current-Function Parameters.pdf      | 236  |
| 10542 | 17/11/13  | Lightning Currents on S <sub>antis</sub> Tower.pdf          | 391  |
| 10543 | 01/09/07  | Lightning Measured at the CN Tower.pdf                      | 913  |
| 10544 | 27/02/13  | Lightning Return Strokes to Tall Towers.pdf                 | 111  |
| 10545 | 04/06/15  | Lightning Return-Stroke Current.pdf                         | 5007 |
| 10546 | 12/11/07  | Natural & Rocket-Triggered Lightning.pdf                    | 253  |
| 10547 | 25/05/12  | Reflected Waves by Tall Grounded Objects.pdf                | 630  |
| 10548 | 01/10/12  | Return Strokes to Tall Towers Nearby EMF.pdf                | 880  |
| 10549 | 26/12/08  | Rocket-Triggered Lightning.pdf                              | 180  |
| 10550 | 23/04/13  | Upward Lightning by the Peissenberg Tower.pdf               | 456  |
| 10551 | 12/03/15  | Upward Positive Lightning From Peissenberg Tower.pdf        | 638  |
| 10552 | <b>Foudre\Modélisation et simulation foudre</b> |   |      |
| 10553 | 03/09/07  | [Z] Matrix MoM Grounding Analysis.pdf                       | 201  |
| 10554 | 23/01/13  | Channel Base Current Functions for Lightning.pdf            | 189  |
| 10555 | 23/12/15  | Channel-Base Current Function for Lightning Studies.pdf     | 271  |
| 10556 | 26/02/16  | Channel-Base Current Function for Lightning Studies.pdf     | 95   |
| 10557 | 19/12/04  | Circuit Lightning Model of Strike.pdf                       | 377  |
| 10558 | 18/08/12  | Computation of indirect lightning effects.pdf               | 270  |
| 10559 | 19/06/15  | Cooray-Rubinstein Expression in Time Domain.pdf             | 203  |
| 10560 | 21/10/15  | Cooray-Rubinstein Formula in the Time Domain.pdf            | 266  |
| 10561 | 12/01/10  | Cooray-Rubinstein Formula.pdf                               | 465  |
| 10562 | 12/10/09  | Current Dissipation Return Stroke Models.pdf                | 192  |
| 10563 | 01/10/12  | Current Waveforms for Lightning Simulation.pdf              | 241  |
| 10564 | 30/08/07  | Double-Peaked Lightning Current.pdf                         | 125  |
| 10565 | 11/10/06  | E.M. Models of Lightning Strokes.pdf                        | 292  |
| 10566 | 28/08/11  | Engineering Lightning Return Stroke Models.pdf              | 234  |
| 10567 | 27/02/13  | Evaluation of the Cooray-Rubinstein formula.pdf             | 188  |
| 10568 | 01/09/07  | FDTD Propagation of Lightning Pulses.pdf                    | 174  |

|       |          |  |      |
|-------|----------|--|------|
| 10569 | 21/10/15 | FDTD Simulation of Lightning-Induced Waves on Overhead Lines.pdf | 959  |
| 10570 | 23/12/15 | GPU Lightning-Generated EM Fields in 3-D Problems.pdf            | 821  |
| 10571 | 16/12/07 | Induced Voltages in a Building.pdf                               | 586  |
| 10572 | 15/08/14 | LEMP Computation with the TLM Method.pdf                         | 370  |
| 10573 | 30/12/06 | Lightning Cartesian Expressions.pdf                              | 121  |
| 10574 | 04/12/07 | Lightning Currents for Engineering.pdf                           | 1296 |
| 10575 | 04/12/07 | Lightning Return Stroke Models 2.pdf                             | 447  |
| 10576 | 28/02/09 | Lightning Return Stroke Models 3.pdf                             | 461  |
| 10577 | 02/11/07 | Lightning Return Stroke Models.pdf                               | 283  |
| 10578 | 03/09/07 | Lightning Return Stroke Simulation.pdf                           | 237  |
| 10579 | 23/09/09 | Lightning Return-Stroke Channel.pdf                              | 258  |
| 10580 | 03/01/11 | Lightning Return-Stroke Model.pdf                                | 216  |
| 10581 | 21/03/11 | Lightning Return-Stroke Modeling.pdf                             | 152  |
| 10582 | 03/09/07 | Lightning Small-Scale Simulation.pdf                             | 354  |
| 10583 | 19/12/14 | Lightning Striking on Mountain Using the FDTD.pdf                | 1533 |
| 10584 | 23/12/15 | Lightning Surge Analysis of a Relay Station.pdf                  | 1764 |
| 10585 | 13/11/04 | Lightning Transmission Line.pdf                                  | 350  |
| 10586 | 19/12/14 | Lightning-Horizontal E Field Using FDTD.pdf                      | 485  |
| 10587 | 05/06/11 | Lightning-Induced Current Simulations.pdf                        | 1296 |
| 10588 | 31/08/07 | Lumped Distributed Current Sources.pdf                           | 218  |
| 10589 | 03/05/05 | Maquette LEHT.jpg  | 184  |
| 10590 | 27/08/11 | Model for First Return Stroke.pdf                                | 580  |
| 10591 | 09/05/11 | Modélisation des effets foudre - NEXIO.pdf                       | 462  |
| 10592 | 17/06/10 | Modélisation des effets foudre.pdf                               | 462  |
| 10593 | 03/01/11 | Nonlinear Transmission Line Model.pdf                            | 389  |
| 10594 | 19/08/12 | Postured voxel-based human models.pdf                            | 464  |
| 10595 | 21/11/12 | Propagation Path Within 1 km from Lightning.pdf                  | 591  |
| 10596 | 28/10/07 | Return Stroke Models for Engineering.pdf                         | 230  |
| 10597 | 12/01/10 | Return-Stroke Engineering Models.pdf                             | 343  |
| 10598 | 26/02/16 | Simplified Representation of Lightning Waveshapes.pdf            | 609  |
| 10599 | 25/05/06 | Simulation of Direct Lightning Strokes.pdf                       | 398  |
| 10600 | 16/10/14 | Simulation of Lightning Electromagnetic Field.pdf                | 552  |
| 10601 | 21/08/15 | Simulation of Lightning EMF and Immunity Testing.pdf             | 656  |
| 10602 | 08/09/05 | The Sandia Lightning Simulator.pdf                               | 201  |
| 10603 | 19/12/04 | Theory of Lightning Propagation.pdf                              | 508  |

|       |                             |   |      |
|-------|-----------------------------|---|------|
| 10604 | 19/12/04                    | Theory of Lightning Protection.pdf                          | 83   |
| 10605 | 30/03/10                    | Thin-Wire Lightning Transient Simulation.pdf                | 388  |
| 10606 | 16/05/14                    | Time-Domain Method for LEMP.pdf                             | 264  |
| 10607 | 27/02/13                    | TLE producing ionospheric disturbances.pdf                  | 324  |
| 10608 | 31/08/07                    | TLM for a Lightning Protection System.pdf                   | 219  |
| 10609 | 31/12/14                    | Transmission Lines Based on a Leader Model.pdf              | 315  |
| 10610 | 05/06/11                    | Transmission-Line versus Full-Wave Solution.pdf             | 165  |
| 10611 | 21/10/15                    | Two-Component Current Waveform for Lightning Simulation.pdf | 496  |
| 10612 | 31/08/07                    | TWTD to Lightning Surge Analysis.pdf                        | 180  |
| 10613 | 01/10/12                    | Vertical Wires Above a Lossy Ground in PEEC Models.pdf      | 530  |
| 10614 | <b>Foudre\Normes foudre</b> |   |      |
| 10615 | 24/03/11                    | Article 74 - NF EN 50164.pdf                                | 616  |
| 10616 | 03/12/05                    | Lightning Protection Standards.pdf                          | 183  |
| 10617 | 11/05/03                    | Nasa lightning survivability.pdf                            | 124  |
| 10618 | 03/12/05                    | Why NFPA 780 is inadequate.pdf                              | 159  |
| 10619 | <b>Foudre\Parafoudres</b>   |   |      |
| 10620 | 19/12/05                    | ABC du parafoudre.pdf                                       | 87   |
| 10621 | 28/08/11                    | Effective Protection Distances of SPDs.pdf                  | 1109 |
| 10622 | 19/06/15                    | Induced Voltages on Lines With Surge Arresters.pdf          | 371  |
| 10623 | 26/03/14                    | Lightning Arresters and Overhead Shielding Wire.pdf         | 426  |
| 10624 | 16/10/12                    | Lightning Transient Suppression Circuit Design.pdf          | 150  |
| 10625 | 28/03/08                    | Procédure AEMC parafoudres PV.doc                           | 71   |
| 10626 | 28/03/08                    | Procédure AEMC parafoudres PV.pdf                           | 53   |
| 10627 | 12/02/07                    | Surge Protection Anthology.pdf                              | 549  |
| 10628 | 13/01/14                    | Surge Protective Devices on Overhead Line.pdf               | 649  |
| 10629 | 25/02/04                    | Telecom protection.pdf                                      | 210  |
| 10630 | 04/03/14                    | Transient Lightning Protection.pdf                          | 190  |
| 10631 | 11/09/06                    | Weightbridge Protection Overview.pdf                        | 778  |
| 10632 | 30/11/11                    | Worst Distance Between SPD and Device.pdf                   | 274  |
| 10633 | <b>Foudre\Paratonnerres</b> |   |      |
| 10634 | 28/05/06                    | Air Terminals.pdf   | 1253 |
| 10635 | 28/05/06                    | DEHN Lightning Protection.pdf                               | 6780 |
| 10636 | 19/12/04                    | Lightning Air Terminals.pdf                                 | 177  |
| 10637 | 29/11/05                    | Lightning Experimental Study.pdf                            | 195  |
| 10638 | 29/07/15                    | Paratonnerre Wiki.pdf                                       | 596  |



|       | Foudre\PDA |   |      |
|-------|------------|---|------|
| 10639 |            |   |      |
| 10640 | 22/02/07   | A Discredited System Vindicated.pdf       | 1200 |
| 10641 | 12/09/06   | Assessment of early streamer.pdf          | 179  |
| 10642 | 18/12/05   | Autoevaluation des églises.pdf            | 308  |
| 10643 | 23/01/06   | Catalogue Alltec.pdf                      | 150  |
| 10644 | 18/12/05   | CITEL Veritas MMA.pdf                     | 532  |
| 10645 | 12/09/06   | Claimed enhanced lightning protection.pdf | 188  |
| 10646 | 18/12/05   | Clocher.jpg                               | 61   |
| 10647 | 18/12/05   | Computer simulation.pdf                   | 203  |
| 10648 | 18/12/05   | Critique de la NFC 17-102.doc             | 21   |
| 10649 | 18/12/05   | Early Streamer Emission Air Terminals.pdf | 121  |
| 10650 | 23/01/06   | Enquête ipsos.pdf                         | 633  |
| 10651 | 12/09/06   | ESE System manufacturers standard.pdf     | 382  |
| 10652 | 06/12/05   | Evaluation of ESE Air Terminals.pdf       | 116  |
| 10653 | 20/02/07   | Experimental validation.pdf               | 189  |
| 10654 | 18/12/05   | GENERALITES HELITA.pdf                    | 878  |
| 10655 | 18/12/05   | INERIS-PDA.pdf                            | 461  |
| 10656 | 26/05/06   | Info PDA Madrid.ppt                       | 312  |
| 10657 | 18/12/05   | Ingesco.pdf                               | 151  |
| 10658 | 28/05/06   | Installation of ESE Air Terminals.pdf     | 382  |
| 10659 | 29/06/10   | Le rayon de protection Rp d.doc           | 65   |
| 10660 | 23/01/06   | Lightning Propagation Theory.pdf          | 407  |
| 10661 | 02/06/06   | Lightning Protection Systems.pdf          | 45   |
| 10662 | 12/09/06   | Lightning war.pdf                         | 121  |
| 10663 | 17/12/05   | Lightning11_02.pdf                        | 97   |
| 10664 | 11/09/06   | Long Term Study.pdf                       | 205  |
| 10665 | 18/12/05   | lpa manufacturers standard.pdf            | 519  |
| 10666 | 17/12/05   | ltgwarn.pdf                               | 120  |
| 10667 | 18/12/05   | NF C 17-102 PDA.pdf                       | 1784 |
| 10668 | 17/12/05   | NFPAreport.pdf                            | 45   |
| 10669 | 23/01/06   | Nonconventional Lightning Protection.pdf  | 232  |
| 10670 | 27/05/10   | Normes PDA internationales.doc            | 28   |
| 10671 | 27/05/10   | PDA radioactifs.doc                       | 25   |
| 10672 | 25/02/08   | PDA streamer does not work.pdf            | 262  |
| 10673 | 18/12/05   | Réglementation 2006.pdf                   | 71   |

|       |                                     |   |      |
|-------|-------------------------------------|---|------|
| 10674 | 19/12/05                            | Sinistre foudre.pdf                         | 146  |
| 10675 | 10/09/06                            | Un-conventional Lightning Air Terminals.pdf | 1931 |
| 10676 | 17/12/05                            | Wind Turbine Protection.pdf                 | 190  |
| 10677 | <b>Foudre\PDA\Courbes et photos</b> |   |      |
| 10678 | 18/12/05                            | 042801b.jpg                                 | 18   |
| 10679 | 18/12/05                            | 06011986 Seattle Electric Needle.jpg        | 40   |
| 10680 | 22/01/06                            | Ariane et sa protection foudre.jpg          | 48   |
| 10681 | 18/12/05                            | blast_block.jpg                             | 20   |
| 10682 | 23/01/06                            | BLIDS.jpg                                   | 87   |
| 10683 | 19/12/05                            | Cuve foudroyée.jpg                          | 90   |
| 10684 | 19/12/05                            | Cuve incendiée.jpg                          | 46   |
| 10685 | 21/01/06                            | Déduction de l'avance.jpg                   | 68   |
| 10686 | 18/12/05                            | Escroquerie.jpg                             | 37   |
| 10687 | 16/12/05                            | Essai pointe-plan.jpg                       | 24   |
| 10688 | 23/01/06                            | Foudre horizontale.jpg                      | 57   |
| 10689 | 23/01/06                            | HBP-21.jpg                                  | 60   |
| 10690 | 23/01/06                            | Kennedy Space Center.jpg                    | 61   |
| 10691 | 18/12/05                            | Lightning Leaders.jpg                       | 82   |
| 10692 | 18/12/05                            | Rayons de protection.jpg                    | 66   |
| 10693 | 18/12/05                            | Tout faux.jpg                               | 108  |
| 10694 | 22/12/05                            | Volume de capture.jpg                       | 38   |
| 10695 | <b>Foudre\PDA\Images de PDA</b>     |   |      |
| 10696 | 22/01/06                            | Damaged Dynasphere 1.jpg                    | 11   |
| 10697 | 22/01/06                            | Damaged Dynasphere 2.jpg                    | 15   |
| 10698 | 21/01/06                            | Ionoflash.jpg                               | 16   |
| 10699 | 21/01/06                            | Ionostar.jpg                                | 10   |
| 10700 | 16/12/05                            | maison.jpg                                  | 24   |
| 10701 | 22/01/06                            | Memorial Mont Faron.pdf                     | 36   |
| 10702 | 21/01/06                            | Paratonnerre radioactif.jpg                 | 28   |
| 10703 | 22/01/06                            | PCD Plug.jpg                                | 4    |
| 10704 | 22/01/06                            | PDC.png                                     | 34   |
| 10705 | 22/01/06                            | PH1007.jpg                                  | 5    |
| 10706 | 16/12/05                            | prevec340.jpg                               | 7    |
| 10707 | 21/01/06                            | Prelectron.jpg                              | 22   |
| 10708 | 18/12/05                            | Preventor.jpg                               | 20   |

|       |   |  |      |
|-------|---|--|------|
| 10709 | 21/01/06  | Pulsar.jpg   | 8    |
| 10710 | 16/12/05  | pulsar150.gif  | 26   |
| 10711 | 21/01/06  | Satelit.jpg  | 6    |
| 10712 | 21/01/06  | Skylance Cirrus.jpg                                    | 19   |
| 10713 | 23/01/06  | Système de prévention.jpg                              | 22   |
| 10714 | 19/12/04  | Tiges foudroyées.jpg                                   | 83   |
| 10715 | <b>Foudre\PDA\Législation ESE</b>               |  |      |
| 10716 | 26/05/06  | ESE Arizona Injunction.pdf                             | 106  |
| 10717 | 26/05/06  | ESE Arizona Order.pdf                                  | 46   |
| 10718 | 26/05/06  | ESE Information.pdf                                    | 11   |
| 10719 | 26/05/06  | ESE orginal mail.pdf                                   | 402  |
| 10720 | <b>Foudre\Phénomènes foudre et statistiques</b> |  |      |
| 10721 | 28/02/13  | AC-DC Atmospheric Global Electric Circuit.pdf          | 255  |
| 10722 | 22/09/06  | American model for Asia.pdf                            | 61   |
| 10723 | 25/11/07  | Austrian Lightning Statistics.pdf                      | 212  |
| 10724 | 03/01/11  | Benford's Law and Lightning Data.pdf                   | 423  |
| 10725 | 27/05/10  | carteNg.jpg  | 58   |
| 10726 | 25/02/09  | Cloud-to-Ground Lightning.pdf                          | 149  |
| 10727 | 26/02/16  | Comment on A New Channel-Base Current Function.pdf     | 72   |
| 10728 | 27/02/13  | Creation of a Statistical Lightning Model.pdf          | 454  |
| 10729 | 05/06/11  | Currents in Cloud Lightning Discharges.pdf             | 427  |
| 10730 | 28/10/07  | Effect of Tortuosity and Branching.pdf                 | 208  |
| 10731 | 27/07/07  | Foudre en France 2007.rtf                              | 2    |
| 10732 | 12/09/06  | Franklin & First Lightning Conductors.pdf              | 1170 |
| 10733 | 27/02/13  | Frequency of Terrestrial Gamma-ray Flash.pdf           | 167  |
| 10734 | 12/09/06  | Ground Flash Density.pdf                               | 266  |
| 10735 | 21/11/12  | Hazardous Subsequent Lightning Strokes.pdf             | 429  |
| 10736 | 27/02/13  | Influence of Channel Tortuosity.pdf                    | 315  |
| 10737 | 27/02/13  | Influence of Return Stroke Speed.pdf                   | 233  |
| 10738 | 27/02/13  | Ionospheric potential due to lightning and sprites.pdf | 209  |
| 10739 | 27/02/13  | ISUAL multi-band observations of elves.pdf             | 40   |
| 10740 | 26/09/10  | Lightning Channel Corona Sheath.pdf                    | 448  |
| 10741 | 27/02/13  | Lightning Channel Electrical Properties.pdf            | 109  |
| 10742 | 27/02/13  | Lightning Flash Development & Gigantic Jets.pdf        | 126  |
| 10743 | 28/10/07  | Lightning Surges in Tropical Area.pdf                  | 511  |

|       |   |   |      |
|-------|---|---|------|
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| 10755 | 28/02/09                                  | Subsequent Return Strokes Variation.pdf                 | 147  |
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| 10768 | 03/09/07                                  | 20 kHz to 20 MHz Lightning Radiation.pdf                | 159  |
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| 10774 | 06/12/05                                  | URSI Lightning.pdf                                      | 1827 |
| 10775 | 23/09/09                                  | VLF & LF Lightning Signal Propagation.pdf               | 156  |
| 10776 | <b>Foudre\Retours d'expérience foudre</b> |   |      |
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| 10778 | 07/12/05                                  | Fifth Mechanism of Lightning Injury.pdf                 | 32   |

|       |                                       |   |      |
|-------|---------------------------------------|---|------|
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| 10789 | 15/02/13                              | Frequency Dependence of Soil Parameters.pdf             | 726  |
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| 10808 | 28/11/11                              | Lighting & Conducted Transients.pdf                     | 2545 |
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| 10812 | 03/01/11                              | Lightning Surge Test Circuit.pdf                        | 466  |
| 10813 | 20/12/04                              | Nonsymmetrical line in building.pdf                     | 324  |

|       |          |                                     |      |
|-------|----------|-------------------------------------|------|
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|-------|----------|-------------------------------------|------|

10815

10816

## Gestion du spectre

10817

|       |          |  |       |
|-------|----------|--|-------|
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|       |          |   |       |
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10884

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10886

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|       |          |  |      |
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|       |          |  |      |
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|       |          |   |      |
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|       |          |  |      |
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| 11046 | 21/11/14 | System Level Design and Test for EMI Control.pdf   | 887  |
| 11047 | 11/09/05 | System Level EMC - Theory To Practice.pdf          | 84   |
| 11048 | 13/08/05 | Terre et masses.pdf                                | 403  |
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| 11050 | 26/03/07 | The benefits of applying 61000-5-2.pdf             | 269  |
| 11051 | 24/09/13 | The Grounds for EMC Design.pdf                     | 2122 |
| 11052 | 17/10/12 | Tips on Consulting Business Issues.pdf             | 134  |
| 11053 | 22/08/05 | TM5-690 EMC Grounding & bonding.pdf                | 1472 |
| 11054 | 06/11/11 | To Be A Consultant.pdf                             | 80   |
| 11055 | 07/02/11 | Towards an EMC Technology Platform.pdf             | 491  |
| 11056 | 07/09/12 | Un nouveau professionnalisme.pdf                   | 173  |
| 11057 | 31/08/12 | Usual EMC Requirements.pdf                         | 1245 |
| 11058 | 20/11/14 | What is EMC ?.pdf                                  | 99   |

|       |  |   |     |
|-------|--|---|-----|
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| 11060 | 21/11/14   | Winning financially successful contracts.pdf            | 540 |
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| 11063 | 24/05/13   | Did You Know Someone Else Wrote Maxwell's Equations.pdf | 330 |
| 11064 | 27/07/15   | On Maxwell, The Natural Philosopher.pdf                 | 230 |

11065

11066

### HIRF, HPM, IEMN & IEMI

11067

| <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques</b> |          |   |      |
|--|----------|---|------|
| 11068  |          |   |      |
| 11069  | 21/02/07 | 2005 update on IEMI.pdf                   | 124  |
| 11070  | 05/02/09 | 2006 US Arms Manual.pdf                   | 2850 |
| 11071  | 27/05/10 | Appel d'offre Air Force.doc               | 1247 |
| 11072  | 28/04/07 | Armes ... énergie dirigée.pdf             | 785  |
| 11073  | 16/11/05 | Armes ... Impulsion lectromagnétique.pdf  | 589  |
| 11074  | 16/11/05 | Armes de l'ombre.pdf                      | 212  |
| 11075  | 27/10/07 | Armes électromagnetiques.pdf              | 55   |
| 11076  | 16/11/05 | Bombe E - Blanckaert.pdf                  | 76   |
| 11077  | 16/11/05 | Bombe E - Fourdrinier.pdf                 | 64   |
| 11078  | 27/10/07 | Bombe E.pdf                               | 64   |
| 11079  | 07/05/06 | CEREMS archives 2003-05.pdf               | 2609 |
| 11080  | 08/04/10 | Compact Accelerator Neutron Generator.pdf | 265  |
| 11081  | 17/11/05 | Compact Marx HPM Generator.pdf            | 105  |
| 11082  | 09/01/06 | Countermine R&D Study.pdf                 | 419  |
| 11083  | 09/01/10 | Dawn of the E-Bomb.pdf                    | 534  |
| 11084  | 17/11/05 | Directed Energy & Fleet Defense.pdf       | 501  |
| 11085  | 11/01/06 | Directed Energy Technology Plan.pdf       | 427  |
| 11086  | 17/11/05 | Directed Energy Weapons.pdf               | 784  |
| 11087  | 23/02/13 | Directed-Energy Weapons.pdf               | 1834 |
| 11088  | 05/02/09 | Effects of Nuclear Weapons.pdf            | 3948 |
| 11089  | 17/11/05 | Electron Gun for HPM Source.pdf           | 178  |
| 11090  | 09/01/06 | EM+GE Public.pdf                          | 214  |
| 11091  | 30/10/08 | EMI by HIRF.pdf                           | 225  |
| 11092  | 30/06/09 | FM-3-6 NBC agents field behavior.pdf      | 3887 |
| 11093  | 10/01/06 | Future Strategic Strike Forces 2004.pdf   | 1631 |

|       |  |  |      |
|-------|--|--|------|
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| 11095 | 05/06/07   | Hypervelocity Microwave Emission.pdf                           | 323  |
| 11096 | 18/11/05   | Impulsive Noise Source Locator.pdf                             | 1647 |
| 11097 | 17/12/05   | Information Warfare & Operations .pdf                          | 192  |
| 11098 | 16/11/05   | Intentional EM Environments (IEME) .pdf                        | 99   |
| 11099 | 04/01/05   | Intentional EM Interference.pdf                                | 60   |
| 11100 | 21/02/07   | Intentional EMI & HEMP.pdf                                     | 171  |
| 11101 | 03/03/09   | Les armes ... Létalité réduite.pdf                             | 335  |
| 11102 | 19/04/09   | Les bombes EMP.pdf   | 577  |
| 11103 | 16/11/05   | Les mystères du bombardier B2.pdf                              | 302  |
| 11104 | 03/12/05   | Mass Destruction Weapons Technologies.pdf                      | 1910 |
| 11105 | 25/08/06   | Military Critical Technologies US.pdf                          | 570  |
| 11106 | 17/11/05   | Nouvelles Armes.pdf  | 46   |
| 11107 | 08/03/09   | Operational Aspects of the EM Bomb.pdf                         | 237  |
| 11108 | 21/02/07   | Pulsed Power & Counterterrorism.pdf                            | 467  |
| 11109 | 11/01/10   | Railgun EM Projectile Launchers.pdf                            | 69   |
| 11110 | 07/05/06   | Rapport Défense Canada 2000.pdf                                | 1005 |
| 11111 | 14/12/13   | RF shuts down car engines with radio pulse.pdf                 | 46   |
| 11112 | 16/11/05   | Securité mondiale 10.pdf                                       | 421  |
| 11113 | 09/01/06   | Technology Investment Strategy.pdf                             | 680  |
| 11114 | 17/12/05   | US Army Research Lab.pdf                                       | 525  |
| 11115 | 17/12/05   | Weapon Systems Technology.pdf                                  | 231  |
| 11116 | 11/01/06   | Weapons Technology.pdf   | 235  |
| 11117 | 28/01/15   | Weapons to kill sources of electronic warfare (EW) jamming.pdf | 45   |
| 11118 | 23/09/06   | Z Machine FS05.pdf   | 337  |
| 11119 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\Astuces &amp; Technologie</b> |  |      |
| 11120 | 20/02/02   | Asynchronous slip-ring.pdf                                     | 87   |
| 11121 | 25/02/04   | Capacitive probe.pdf   | 264  |
| 11122 | 09/09/05   | Common-mode Choke Coil.pdf                                     | 558  |
| 11123 | 26/02/04   | Coupling in large cavities.pdf                                 | 384  |
| 11124 | 06/03/04   | Crosstalk Twist Non-Uniformity.pdf                             | 178  |
| 11125 | 23/06/03   | Dithered SSC.pdf   | 441  |
| 11126 | 26/02/04   | E & H field distribution.pdf                                   | 530  |
| 11127 | 07/03/04   | Element Pattern in Array Sensor.pdf                            | 185  |
| 11128 | 20/02/02   | EMI from SMPA.pdf  | 101  |

|       |  |  |     |
|-------|--|--|-----|
| 11129 | 25/02/04   | EMI reduction by SSC.pdf               | 440 |
| 11130 | 21/12/04   | EMI Reduction Devices.pdf              | 130 |
| 11131 | 08/04/07   | FAIR-RITE PRODUCTS.pdf                 | 593 |
| 11132 | 13/02/02   | Ferrite cores.pdf                      | 58  |
| 11133 | 05/03/04   | Gapped Power Bus.pdf                   | 556 |
| 11134 | 20/12/04   | HDI Boards and Packages.pdf            | 151 |
| 11135 | 16/06/07   | High Directivity Coaxial Couplers.pdf  | 76  |
| 11136 | 20/12/04   | Image Planes on DC Motors.pdf          | 515 |
| 11137 | 20/02/02   | Immunity of Op-amp IC.pdf              | 81  |
| 11138 | 20/12/04   | Input Capacitance Compensation.pdf     | 398 |
| 11139 | 07/03/04   | Magneto-Optic Probe.pdf                | 338 |
| 11140 | 20/12/04   | Measuring Transient EM Fields.pdf      | 353 |
| 11141 | 25/02/04   | Near field scanning.pdf                | 64  |
| 11142 | 18/02/02   | N-F vs F-F Pentium clock.pdf           | 288 |
| 11143 | 16/02/02   | NIST wideband system.pdf               | 178 |
| 11144 | 28/08/01   | On-chip caps.pdf                       | 186 |
| 11145 | 06/03/04   | Optical Magnetic Field Sensing.pdf     | 182 |
| 11146 | 07/03/04   | Optical Transceivers Radiations.pdf    | 205 |
| 11147 | 11/09/05   | Package Currents & Near-Field Scan.pdf | 292 |
| 11148 | 09/09/05   | Reverse-Connected CM Choke.pdf         | 154 |
| 11149 | 18/02/02   | Spread spectrum clock.pdf              | 83  |
| 11150 | 16/12/04   | SSC with Delay Cell Array.pdf          | 501 |
| 11151 | 07/03/04   | Suppressed Carrier Clock.pdf           | 263 |
| 11152 | 19/02/02   | Test chip.pdf                          | 634 |
| 11153 | 20/02/02   | Transistor ground-noise.pdf            | 139 |
| 11154 | 14/11/04   | Video Frame Buffers Design.pdf         | 292 |
| 11155 | 20/02/02   | Voltage model for IC.pdf               | 257 |
| 11156 | 03/09/07   | Winding Capacitance Cancellation.pdf   | 396 |
| 11157 | 15/02/02   | Wireless com.pdf                       | 84  |
| 11158 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\NLW</b> |  |     |
| 11159 | 02/10/05   | Acoustic weapons.pdf                   | 528 |
| 11160 | 14/10/05   | Acoustic Weapons-2.pdf                 | 350 |
| 11161 | 15/10/05   | Air-delivered non-lethal weapons.pdf   | 134 |
| 11162 | 15/10/05   | Assessment of NLW.pdf                  | 132 |
| 11163 | 28/08/05   | AWEU - Security & Defence Assembly.pdf | 285 |

|       |          |                                      |      |
|-------|----------|--------------------------------------|------|
| 11164 | 26/09/05 | Bioelectromagnetics NEWS 184.pdf     | 401  |
| 11165 | 15/10/05 | Bradford Non-Lethal Weapons 4.pdf    | 231  |
| 11166 | 15/10/05 | Bradford Non-Lethal Weapons 5.pdf    | 274  |
| 11167 | 15/10/05 | Bradford Non-Lethal Weapons 7.pdf    | 331  |
| 11168 | 28/08/05 | Breed of Non-Lethal Weapons.pdf      | 141  |
| 11169 | 28/08/05 | Chemical & biological weapons.pdf    | 89   |
| 11170 | 25/09/05 | Chemicals Weapons.pdf                | 163  |
| 11171 | 13/08/05 | contact38.pdf                        | 476  |
| 11172 | 14/10/05 | CRS Report for Congress.pdf          | 100  |
| 11173 | 31/10/05 | Drones.pdf                           | 1337 |
| 11174 | 15/10/05 | Electromagnetic Weapons.pdf          | 43   |
| 11175 | 11/10/05 | EM & Neurological Technologies.pdf   | 615  |
| 11176 | 15/10/05 | EMP Doctrine.pdf                     | 94   |
| 11177 | 28/08/05 | EMP.HTM                              | 17   |
| 11178 | 25/09/05 | EU New Technologies.pdf              | 159  |
| 11179 | 25/09/05 | EU Prison Technologies.pdf           | 1072 |
| 11180 | 25/09/05 | Future Warfare.pdf                   | 356  |
| 11181 | 25/09/05 | Global insecurity.pdf                | 680  |
| 11182 | 14/10/05 | GRIP Armes Non Léthales.pdf          | 230  |
| 11183 | 11/10/05 | High-Resolution Radar & NLWs.pdf     | 31   |
| 11184 | 25/09/05 | Information Operation handbook.pdf   | 2315 |
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| 11187 | 11/10/05 | Less Lethal Technologies.pdf         | 402  |
| 11188 | 08/10/05 | Less Lethal Weapons.pdf              | 793  |
| 11189 | 28/08/05 | MICWAVES.HTM                         | 57   |
| 11190 | 28/08/05 | NAEW.HTM                             | 16   |
| 11191 | 11/10/05 | NATO-Special Report.pdf              | 77   |
| 11192 | 08/10/05 | NBC Deterrence & defense.pdf         | 535  |
| 11193 | 28/08/05 | NBC Sensors.pdf                      | 510  |
| 11194 | 15/10/05 | New sub-lethal weapons.pdf           | 91   |
| 11195 | 26/09/05 | NEW ZEALAND Defence.pdf              | 350  |
| 11196 | 26/09/05 | Next Anti-personnel Mines.pdf        | 545  |
| 11197 | 15/10/05 | NLWs Terms and References.pdf        | 153  |
| 11198 | 21/02/07 | Non-lethal technologies overview.pdf | 146  |



|       |  |                                       |      |
|-------|--|---------------------------------------|------|
| 11199 | 15/10/05   | NON-Lethal Technologies.pdf           | 308  |
| 11200 | 08/10/05   | Nonlethal Weapons Debate.pdf          | 58   |
| 11201 | 14/10/05   | NON-LETHAL WEAPONS Research.pdf       | 387  |
| 11202 | 25/09/05   | Nuclear Radiations.pdf                | 547  |
| 11203 | 08/10/05   | Operations Other Than War.pdf         | 130  |
| 11204 | 02/10/05   | Paralysis.pdf                         | 239  |
| 11205 | 28/08/05   | project248.htm                        | 65   |
| 11206 | 15/10/05   | Psychopharmacological Warfare.pdf     | 53   |
| 11207 | 29/08/05   | Rapports du GRIP.pdf                  | 230  |
| 11208 | 28/08/05   | Revolution in Military Affairs.pdf    | 160  |
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| 11214 | 29/08/05   | Technologies non létales.pdf          | 169  |
| 11215 | 28/08/05   | Technologies of Political Control.pdf | 34   |
| 11216 | 07/10/05   | Technology for Border Control.pdf     | 101  |
| 11217 | 28/04/07   | Théâtre Nord-Ost.pdf                  | 285  |
| 11218 | 07/10/05   | Towards Space Security.pdf            | 152  |
| 11219 | 02/10/05   | Toxicology Excellence.pdf             | 78   |
| 11220 | 28/08/05   | weapons.html                          | 17   |
| 11221 | 29/08/05   | ?arme propre?.pdf                     | 109  |
| 11222 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\NLW\micwaves_fichiers</b> |                                       |      |
| 11223 | 28/08/05   | 224520F1.JPG                          | 19   |
| 11224 | 28/08/05   | 224520F2.JPG                          | 6    |
| 11225 | 28/08/05   | 224520F3.JPG                          | 9    |
| 11226 | 28/08/05   | MWNUKE.JPG                            | 17   |
| 11227 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\NLW\naew_fichiers</b>     |                                       |      |
| 11228 | 27/05/10   | autoscroll_v.png                      | 1    |
| 11229 | 28/08/05   | DEMOADS.JPG                           | 17   |
| 11230 | 28/08/05   | home-logo.jpg                         | 10   |
| 11231 | 28/08/05   | microwave.gif                         | 35   |
| 11232 | 28/08/05   | naew-logo.jpg                         | 22   |
| 11233 | 28/08/05   | pain-beam2.jpg                        | 8    |

|       |   |   |      |
|-------|---|---|------|
| 11234 | 28/08/05  | WACOFR.GIF  | 34   |
| 11235 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\NLW\weapons_fichiers</b>                   |   |      |
| 11236 | 28/08/05  | STONE.JPG   | 1    |
| 11237 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\Propulsion magnétique</b>                  |   |      |
| 11238 | 02/11/05  | Propulsion magnétique.pdf                           | 303  |
| 11239 | 28/08/05  | RAILGUN.HTM   | 17   |
| 11240 | <b>HIRF, HPM, IEMN &amp; IEMI\Armes électromagnétiques\Propulsion magnétique\railgun_fichiers</b> |   |      |
| 11241 | 28/08/05  | CAPBANK.JPG   | 9    |
| 11242 | 28/08/05  | Eraser2.gif   | 3    |
| 11243 | 28/08/05  | Eraser3.jpg   | 13   |
| 11244 | 28/08/05  | home-logo.jpg                                       | 10   |
| 11245 | 28/08/05  | RAILDISC.JPG  | 6    |
| 11246 | 28/08/05  | RAILGUN4.JPG  | 6    |
| 11247 | 28/08/05  | rgunbanner2.jpg                                     | 18   |
| 11248 | <b>HIRF, HPM, IEMN &amp; IEMI\Composants et fonctions</b>   |   |      |
| 11249 | 31/12/14  | Damaged GaAs HEMT MMIC by Microwave Pulse.pdf       | 783  |
| 11250 | 27/08/08  | Detection of transient on PC boards.pdf             | 1251 |
| 11251 | 26/10/08  | HEMP on an AT&T 4ESS Digital Switch.pdf             | 534  |
| 11252 | 03/09/07  | High-Power EMI Effects in CMOS OpAmps.pdf           | 167  |
| 11253 | 11/07/12  | High-Voltage Ultra Wideband Coaxial Load.pdf        | 283  |
| 11254 | 09/12/07  | HIRF Critical Upsets of CMOS Inverters.pdf          | 251  |
| 11255 | 03/06/07  | HPM Circuits Vulnerability.pdf                      | 131  |
| 11256 | 17/11/05  | HPM Effects on Electronic Components.pdf            | 315  |
| 11257 | 21/11/12  | HPM Pulses in Digital CMOS IC Inputs.pdf            | 803  |
| 11258 | 09/02/11  | HPM radiation to an analog switch chip.pdf          | 279  |
| 11259 | 09/01/08  | HPM testing on optical sensors.pdf                  | 150  |
| 11260 | 21/02/07  | HPM Upset of MOS & TTL.pdf                          | 152  |
| 11261 | 14/02/12  | Lamoureux Circuits Numériques aux HPM.pdf           | 7489 |
| 11262 | 08/10/12  | LNA Electrothermal Breakdown of an IEMP.pdf         | 382  |
| 11263 | 31/08/07  | Microwave effects on CMOS Inverters.pdf             | 217  |
| 11264 | 11/01/08  | Mixed Signal Processor Susceptibility.pdf           | 193  |
| 11265 | 21/10/15  | Nonlinear and Transient Responses of GaAs PHEMT.pdf | 313  |
| 11266 | 17/12/05  | Overmoded Microwave Oscillator.pdf                  | 240  |
| 11267 | 08/01/08  | Pulse Immunity of Microcontrollers.pdf              | 279  |
| 11268 | 10/09/05  | RFI-Induced Failures in SCC.pdf                     | 124  |

|       |  |  |      |
|-------|--|--|------|
| 11269 | 16/10/06   | Susceptibilité des CI aux HPM.pdf                            | 5259 |
| 11270 | <b>HIRF, HPM, IEMN &amp; IEMI\Cryptographie matérielle &amp; IEMI</b>  |  |      |
| 11271 | 21/06/13   | Analysis of Faults Injected Through Conducted IEMI.pdf       | 507  |
| 11272 | 09/10/14   | Burst Pulse Injection for Fault Based Cryptanalysis.pdf      | 261  |
| 11273 | 30/12/14   | COTS Computer During IEMI Exposure.pdf                       | 171  |
| 11274 | 05/10/11   | EMI-Based Fault Injection Attack.pdf                         | 509  |
| 11275 | 05/10/12   | Fault Analysis Based on Intentional EMI.pdf                  | 178  |
| 11276 | 05/10/12   | Fault Model for Conducted Intentional EMI.pdf                | 268  |
| 11277 | 09/10/14   | IEMI Fault Injection Synchronized with EM Leakage.pdf        | 718  |
| 11278 | 17/11/13   | SSC Noise in Cryptographic Circuits.pdf                      | 359  |
| 11279 | 18/08/12   | System modeling in case of intentional EMI.pdf               | 184  |
| 11280 | <b>HIRF, HPM, IEMN &amp; IEMI\EEE</b>                                  |  |      |
| 11281 | 21/11/14   | Systems Level perspectives for E3.pdf                        | 1577 |
| 11282 | <b>HIRF, HPM, IEMN &amp; IEMI\EEE, HPM et HIRF</b>                     |  |      |
| 11283 | 11/05/15   | HIRF Transfer Function Observations.pdf                      | 416  |
| 11284 | 25/02/04   | HPEM and IEC 77C.pdf   | 32   |
| 11285 | 28/08/01   | HPM measurement.pdf  | 75   |
| 11286 | 08/02/16   | Signalparameter zur Ortung von HPEM-Quellen.pdf              | 339  |
| 11287 | 21/11/14   | Systems Level perspectives for E3.pdf                        | 1577 |
| 11288 | <b>HIRF, HPM, IEMN &amp; IEMI\Etudes de cas - Retours d'expérience</b> |  |      |
| 11289 | 26/10/08   | Computer HPEM & HEMP Susceptibility.pdf                      | 358  |
| 11290 | 08/10/12   | Coupling Effects among Multi-Antennas IEMPs.pdf              | 485  |
| 11291 | 03/04/15   | Documented IEMI Attacks.pdf                                  | 887  |
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| 11298 | 05/10/11   | EMP Interaction with a Computer Network.pdf                  | 213  |
| 11299 | 26/10/08   | EMP to DDC in Intelligent Buildings.pdf                      | 270  |
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| 11301 | 26/10/08   | Flashover of Overhead Lines to HEMP.pdf                      | 475  |
| 11302 | 21/06/13   | Flashover of Power Line Insulators.pdf                       | 460  |
| 11303 | 20/02/07   | HEMP & Computer Equipment.pdf                                | 2128 |

|       |  |   |      |
|-------|--|---|------|
| 11304 | 16/06/07   | HEMP & IEMI Upset of Digital Systems.pdf                  | 75   |
| 11305 | 21/06/13   | HEMP Activities in Europe (1970-1995).pdf                 | 553  |
| 11306 | 26/10/08   | HIRF for Civil Aircraft.pdf                               | 621  |
| 11307 | 03/03/07   | HPEM & HEMP Susceptibility.pdf                            | 1893 |
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| 11314 | 03/04/15   | Immunity for Power Station & Substation.pdf               | 2517 |
| 11315 | 05/03/13   | Lessons from documented IEMI Attacks.pdf                  | 234  |
| 11316 | 16/11/05   | NASA-TWA800 & EME.pdf                                     | 250  |
| 11317 | 30/07/11   | Nuclear Plant from Analog to Digital.pdf                  | 493  |
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| 11323 | 28/11/14   | These Sebastien Bazzoli.pdf                               | 3661 |
| 11324 | 20/08/09   | Vulnerability of complex systems to IEMI.pdf              | 200  |
| 11325 | <b>HIRF, HPM, IEMN &amp; IEMI\Guides et normes de protection</b> |   |      |
| 11326 | 22/11/07   | 5-7 {Ed1.0}F01 Protection enveloppes.pdf                  | 124  |
| 11327 | 20/11/07   | 61000-1-3 {Ed1.0}E02 HEMP Civil effects.pdf               | 742  |
| 11328 | 19/11/07   | 61000-1-5 {Ed1.0}E04 Civil HPEM.pdf                       | 606  |
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| 11331 | 21/07/15   | 61000-4-36 {Ed1.0}E14 IEMI immunity test.pdf              | 2616 |
| 11332 | 15/12/05   | 61000-5-03 {Ed1.0} 99 Guide de protection IEMN-HA.pdf     | 614  |
| 11333 | 15/05/01   | 61000-5-04 {Ed1.0}E96 HEMP Protective Devices.pdf         | 365  |
| 11334 | 15/05/01   | 61000-5-05 {Ed1.0}E96 HEMP Protective Devices.pdf         | 127  |
| 11335 | 22/11/07   | 61000-5-06 {Ed1.0}E02 EM Mitigation Guidelines.pdf        | 453  |
| 11336 | 06/03/12   | 61000-5-08 {Ed1.0} 09 HEMP infrastructure protection.pdf  | 696  |
| 11337 | 06/03/12   | 61000-5-09 {Ed1.0} 09 HEMP HPEM System susceptibility.pdf | 1412 |
| 11338 | 05/03/03   | 61000-6-06 {Ed1.0}03 IEMN-HA Appareils intérieurs.pdf     | 150  |

|       |  |  |      |
|-------|--|--|------|
| 11339 | 23/07/15   | AC_20-158A Certification of Aircraft to HIRF.pdf       | 180  |
| 11340 | 23/07/15   | Building a Better Relationship with HIRF.pdf           | 356  |
| 11341 | 03/04/15   | ITU ITE Security Manual.pdf                            | 1253 |
| 11342 | <b>HIRF, HPM, IEMN &amp; IEMI\HEMP et tests</b>            |  |      |
| 11343 | 21/06/13   | Confidence Level for HEMP Field Tests.pdf              | 280  |
| 11344 | 21/06/13   | Early-Time (E1) HEMP Test Methods.pdf                  | 183  |
| 11345 | 21/06/13   | HEMP Risetime Evolution Technology & Standards.pdf     | 428  |
| 11346 | 16/11/13   | High Power EM Test Facilities & Methods.pdf            | 3837 |
| 11347 | 21/06/13   | Intro to Special Issue on HEMP.pdf                     | 50   |
| 11348 | 21/06/13   | Overview of the HEMP Research in China.pdf             | 210  |
| 11349 | 21/06/13   | Study of Nonequilibrium Air Chemistry.pdf              | 308  |
| 11350 | 21/06/13   | Worldwide HNEMP Simulators.pdf                         | 628  |
| 11351 | <b>HIRF, HPM, IEMN &amp; IEMI\IEMN</b>                     |  |      |
| 11352 | 11/05/15   | EM Pulse Coupling to Three-Conductor Lines.pdf         | 191  |
| 11353 | 19/12/14   | EMP Signal Reconstruction.pdf                          | 228  |
| 11354 | <b>HIRF, HPM, IEMN &amp; IEMI\Menaces et vulnérabilité</b> |  |      |
| 11355 | 19/08/09   | Classification of IEME.pdf                             | 129  |
| 11356 | 19/06/15   | Classification of IEMI Environments.pdf                | 633  |
| 11357 | 20/08/09   | Classifying Facilities to Intentional EMI.pdf          | 209  |
| 11358 | 26/10/08   | Comparison Between HEMP & HPEM.pdf                     | 212  |
| 11359 | 17/10/12   | Description of the IEMI Threat 1.pdf                   | 2405 |
| 11360 | 03/04/15   | Description of the IEMI Threat 2.pdf                   | 1088 |
| 11361 | 21/02/07   | Developments in IEMI & HEMP.pdf                        | 171  |
| 11362 | 26/10/08   | Differences between LEMP & NEMP.pdf                    | 813  |
| 11363 | 26/10/08   | Electric Power Infrastructures Immunity.pdf            | 80   |
| 11364 | 09/06/07   | EM Threats to Civil Infrastructure.pdf                 | 39   |
| 11365 | 08/02/09   | EMP effects.pdf  | 3408 |
| 11366 | 04/02/09   | EMP high-risk.pdf                                      | 957  |
| 11367 | 19/06/15   | Estimation of IEMI Threat on Systems.pdf               | 409  |
| 11368 | 02/06/09   | Estimation of the threat of IEMI.pdf                   | 303  |
| 11369 | 21/02/07   | Fast Transient Threats.pdf                             | 393  |
| 11370 | 01/03/06   | HEMP & HPM threat assessments.pdf                      | 85   |
| 11371 | 20/04/03   | HEMP threat.pdf  | 268  |
| 11372 | 06/05/14   | High Power Electromagnetic Disturbances Smart Grid.pdf | 1341 |
| 11373 | 23/10/08   | High-Power Microwave Limits.pdf                        | 134  |

|       |  |   |      |
|-------|--|---|------|
| 11374 | 17/12/05   | HPEM & IEMI.pdf   | 465  |
| 11375 | 26/11/13   | HPEM Risk Analysis at System Level.pdf                    | 330  |
| 11376 | 17/12/05   | HPM & Cyber Security.pdf                                  | 1397 |
| 11377 | 16/11/05   | HPM Effects on Civilian Equipment.pdf                     | 136  |
| 11378 | 09/06/07   | HPM Effects on Equipments.pdf                             | 133  |
| 11379 | 16/06/07   | IEMI & HEMP.pdf   | 62   |
| 11380 | 17/12/05   | IEMI & IEC.pdf  | 28   |
| 11381 | 19/06/15   | IEMI Impact on US Power Grid.pdf                          | 3216 |
| 11382 | 19/06/15   | IEMI on Data Center & Cyber Defenses.pdf                  | 394  |
| 11383 | 03/04/15   | IEMI Risk Assessment at System Level.pdf                  | 499  |
| 11384 | 16/06/07   | Is HPM a Threat ?.pdf                                     | 130  |
| 11385 | 03/03/07   | Is Intentional EMI a Threat.pdf                           | 1396 |
| 11386 | 13/07/10   | Le phénomène NEMP - Montena.pdf                           | 1174 |
| 11387 | 25/08/09   | Observed & Classification of EM Effects.pdf               | 735  |
| 11388 | 17/08/11   | On the NEMP.pdf   | 1584 |
| 11389 | 24/08/09   | Overview of IEMI Threats.pdf                              | 1533 |
| 11390 | 09/10/12   | Overview of the Threat of IEMI.pdf                        | 729  |
| 11391 | 17/12/05   | Potential IEMI Threats.pdf                                | 57   |
| 11392 | 03/09/07   | Prompt NEMP & Synchrotron Radiation.pdf                   | 162  |
| 11393 | 26/03/14   | Risk Analysis Technique of IEMI.pdf                       | 433  |
| 11394 | 20/08/09   | Risk Potential of Radiated HPEM Environments.pdf          | 273  |
| 11395 | 17/08/11   | SGEMP.pdf   | 1154 |
| 11396 | 03/04/15   | SGIP EMII & the NIST Smart Grid.pdf                       | 3169 |
| 11397 | 26/11/13   | Survey of Narrowband IEMI Global Threats.pdf              | 270  |
| 11398 | 09/01/06   | SURVIVABILITY-LETHALITY ANALYSIS.pdf                      | 435  |
| 11399 | 19/06/15   | Susceptibility and classification of civilian systems.pdf | 2306 |
| 11400 | 10/07/14   | The Electromagnetic Effects.pdf                           | 17   |
| 11401 | 29/08/11   | Time Dependence of the N (E1) HEMP E Field.pdf            | 358  |
| 11402 | 15/02/13   | Transient IEMI Threats.pdf                                | 387  |
| 11403 | 23/02/13   | Vulnerabilities to Electromagnetic Attack.pdf             | 281  |
| 11404 | 28/01/07   | Vulnerability of Wireline to HPRF.pdf                     | 377  |
| 11405 | 09/02/11   | Wireless High-Power & Transient Disturbances.pdf          | 409  |
| 11406 | 30/04/08   | WMD Counterproliferation 2007.pdf                         | 1791 |
| 11407 | <b>HIRF, HPM, IEMN &amp; IEMI\Modélisation et simulation</b> |   |      |
| 11408 | 23/12/15   | Analysis of Radome Over Half-Space Under HPEM.pdf         | 1127 |

|       |   |   |      |
|-------|---|---|------|
| 11409 | 05/03/13  | Angle of Incidence of the Radiated Interference.pdf     | 291  |
| 11410 | 23/12/15  | Coupling Length for Lines Illuminated by HEMP.pdf       | 849  |
| 11411 | 07/02/11  | Double Objects Illuminated High-Power EMP.pdf           | 138  |
| 11412 | 31/12/14  | E Field Strength From a CW IEMI Source.pdf              | 902  |
| 11413 | 16/12/07  | EMP Conducted Environment.pdf                           | 946  |
| 11414 | 03/09/07  | EMP Simulator Radiation Leakage.pdf                     | 400  |
| 11415 | 12/01/14  | Galerkin TD Method for HIRF Assessment.pdf              | 610  |
| 11416 | 05/03/13  | Half Fourier Transform for SEM analysis.pdf             | 79   |
| 11417 | 20/08/09  | HEMP Coupling With Buried Power Cables.pdf              | 182  |
| 11418 | 26/10/08  | HEMP Response of an Overhead Line 2.pdf                 | 185  |
| 11419 | 26/10/08  | HEMP response of an Overhead Line.pdf                   | 717  |
| 11420 | 26/10/08  | HEMP Response of Overhead Cables.pdf                    | 573  |
| 11421 | 26/10/08  | HEMP to Overhead Power Lines.pdf                        | 980  |
| 11422 | 23/12/08  | HIRF Penetration and PED Coupling.pdf                   | 622  |
| 11423 | 26/10/08  | HIRF Penetration in Helicopters.pdf                     | 228  |
| 11424 | 16/05/14  | HIRF Transfer Functions of a Fuselage.pdf               | 437  |
| 11425 | 03/02/06  | IEMN premiers instants.xls                              | 208  |
| 11426 | 08/10/12  | IEMP Surface Current Distributions.pdf                  | 298  |
| 11427 | 28/02/09  | Influence of Finite Ground Conductivity.pdf             | 39   |
| 11428 | 06/03/09  | Laguerre Representation of EMP Signals.pdf              | 159  |
| 11429 | 24/11/13  | Modelling IEMI Problems on Transportation Platforms.pdf | 1026 |
| 11430 | 16/11/13  | Multi-Physics Methods for High-Power EM.pdf             | 2149 |
| 11431 | 26/10/08  | Prediction of HEMP Induced Current.pdf                  | 566  |
| 11432 | 25/11/07  | Response of Long Lines to HEMP.pdf                      | 160  |
| 11433 | 16/11/05  | Simulation and Statistical HIRF.pdf                     | 427  |
| 11434 | 21/06/13  | Simulation of the HEMP Environment.pdf                  | 526  |
| 11435 | 16/11/05  | Spectres IEMN.xls                                       | 309  |
| 11436 | 05/03/13  | Statistical description of shielding problems.pdf       | 209  |
| 11437 | 19/06/15  | Stochastic Topology Approach for HPM.pdf                | 334  |
| 11438 | 26/10/08  | Transient response to HEMP & Lightning.pdf              | 1117 |
| 11439 | 08/10/12  | Transient Scattering Illuminated by an EMP.pdf          | 144  |
| 11440 | 25/11/13  | Wire Harness Models in a HIRF Environment.pdf           | 693  |
| 11441 | <b>HIRF, HPM, IEMN &amp; IEMI\Moyens &amp; méthodes de durcissement</b> |   |      |
| 11442 | 31/12/14  | Analysis of SE of Reinforced Concrete Against HEMP.pdf  | 407  |
| 11443 | 10/12/07  | Capability of Protection Elements.pdf                   | 118  |

|       |   |  |       |
|-------|---|--|-------|
| 11444 | 13/12/06  | Designing for High Level Excitation.pdf                      | 83    |
| 11445 | 26/12/08  | EMP & Metallic Cascaded Enclosures.pdf                       | 245   |
| 11446 | 11/04/06  | ETL 91-2 HEMP Hardening.pdf                                  | 148   |
| 11447 | 04/10/10  | Guide de durcissement IEMN-HA.pdf                            | 3423  |
| 11448 | 05/06/15  | HEMP & IEMI through Standards.pdf                            | 1197  |
| 11449 | 26/10/08  | HEMP for Protective Relays.pdf                               | 892   |
| 11450 | 21/03/09  | HEMP Hardening in Facilities.pdf                             | 139   |
| 11451 | 26/10/08  | HEMP Protection inside Workrooms.pdf                         | 230   |
| 11452 | 26/10/08  | HIRF on Fault-Tolerant Computer.pdf                          | 1133  |
| 11453 | 26/11/13  | HPEM Protection of Commercial Facilities.pdf                 | 437   |
| 11454 | 21/11/12  | HPEMP and Complex Composite Structures.pdf                   | 724   |
| 11455 | 04/06/06  | HPM Methodology.pdf  | 649   |
| 11456 | 26/11/13  | IEMI Evaluation of Network Protectors.pdf                    | 400   |
| 11457 | 02/06/09  | Linear and nonlinear filters under HPM.pdf                   | 682   |
| 11458 | 26/08/09  | Protection Against Short Pulse HPM.pdf                       | 442   |
| 11459 | 24/08/09  | Protection Against Short Pulse IEMI Threats.pdf              | 2031  |
| 11460 | 23/03/10  | Protections filaires IEMN - Eurofarad.pdf                    | 10561 |
| 11461 | 28/11/10  | Semtech clamp effect (in german).pdf                         | 168   |
| 11462 | 26/11/13  | Switched Oscillator for IEMI Susceptibility.pdf              | 198   |
| 11463 | 21/10/15  | Time-Varying Characteristics of Surge Protective Devices.pdf | 492   |
| 11464 | 30/12/14  | TVS Diode Under Direct Injection of HPM Pulses.pdf           | 262   |
| 11465 | 11/09/05  | UG Filtering against IEMI and HPM.pdf                        | 230   |
| 11466 | <b>HIRF, HPM, IEMN &amp; IEMI\Normes NEMP et IEMI</b> |  |       |
| 11467 | 12/06/02  | 61000-1-03 {Ed1.0}E02 HEMP Effects.pdf                       | 974   |
| 11468 | 17/07/01  | 61000-2-09 {Ed1.0}E96 HEMP radiation.pdf                     | 268   |
| 11469 | 15/05/01  | 61000-2-10 {Ed1.0}F98 IEMN-HA Perturbations Conduites.pdf    | 257   |
| 11470 | 17/10/05  | 61000-2-11 {Ed1.0} 99 Environment IEMN-HA.pdf                | 153   |
| 11471 | 19/11/07  | 61000-2-13 {Ed1.0}E05 HPEM Environment.pdf                   | 939   |
| 11472 | 22/11/07  | 61000-4-23 {Ed1.0}F01 IEMN-HA Rayonnée.pdf                   | 1750  |
| 11473 | 15/05/01  | 61000-4-24 {Ed1.0}E97 HEMP Conducted Tests.pdf               | 45    |
| 11474 | 21/06/13  | 61000-4-25 {Ed1.1}_12 Tests IEMN-HA.pdf                      | 780   |
| 11475 | 16/11/07  | 61000-4-35 {Pr1.0}07 HPEM Simulator.pdf                      | 712   |
| 11476 | 03/09/08  | Aircraft EMP Hardening Specs.pdf                             | 1302  |
| 11477 | 26/10/08  | Comparison of HEMP Standards.pdf                             | 159   |
| 11478 | 24/08/09  | Development of HPEM Standards 2.pdf                          | 1411  |



|       |   |  |      |
|-------|---|--|------|
| 11479 | 26/10/08  | Development of HPEM Standards.pdf                            | 165  |
| 11480 | 20/04/03  | EMP Environment.pdf  | 54   |
| 11481 | 24/06/03  | HEMP & HPEM in SC77C.pdf                                     | 65   |
| 11482 | 26/10/08  | HEMP Standards for C3I Facilities-.pdf                       | 146  |
| 11483 | 26/10/08  | HP Transient & Standardization.pdf                           | 192  |
| 11484 | 21/11/14  | IEEE 1642 Computer Protection against IEMI.pdf               | 425  |
| 11485 | 03/04/15  | IEEE 1642 Protecting Public Computers from IEMI.pdf          | 534  |
| 11486 | 03/04/15  | K81_14 HPEM Immunity Guide for Telecom Systems.pdf           | 610  |
| 11487 | 09/01/10  | NEMP Standards and Simulators.pdf                            | 3352 |
| 11488 | 21/06/13  | Progress in HEMP Standardization.pdf                         | 577  |
| 11489 | 03/04/15  | Review of IEMI Standardization.pdf                           | 1342 |
| 11490 | 16/11/05  | SR 111 Canada-HIRF.pdf                                       | 146  |
| 11491 | <b>HIRF, HPM, IEMN &amp; IEMI\Projets anti-IEMI</b>                             |  |      |
| 11492 | 03/02/15  | European Project HIPOW.pdf                                   | 44   |
| 11493 | 03/02/15  | European Project STRUCTURES.pdf                              | 836  |
| 11494 | 03/02/15  | European Railway Security (SECRET).pdf                       | 466  |
| 11495 | <b>HIRF, HPM, IEMN &amp; IEMI\Radio - Attaques et brouillages intentionnels</b> |  |      |
| 11496 | 23/12/15  | Pulse Field Susceptibility Assessment of Antenna Systems.pdf | 331  |
| 11497 | 21/12/15  | Remote Command Injection on Modern Smartphones.pdf           | 247  |
| 11498 | 19/06/15  | Robustness of a TETRA against IEMI.pdf                       | 476  |
| 11499 | 19/06/15  | Vulnerability of TETRA to Intelligent IEMI.pdf               | 364  |
| 11500 | 10/10/14  | WiFi-based Location Services Attack.pdf                      | 543  |
| 11501 | <b>HIRF, HPM, IEMN &amp; IEMI\Sources et antennes IEMI</b>                      |  |      |
| 11502 | 19/06/15  | Advances in IEMI Source Research.pdf                         | 2719 |
| 11503 | 13/07/10  | Amplifiers for HIRF - TMD.pdf                                | 3062 |
| 11504 | 05/03/13  | Antenna for High Power THz Generation.pdf                    | 168  |
| 11505 | 17/11/05  | Beams 98 HPM at 25 years.pdf                                 | 26   |
| 11506 | 09/01/10  | Blumlein Transmission Lines.pdf                              | 85   |
| 11507 | 05/03/13  | Coaxial Exponential Transmission Line.pdf                    | 366  |
| 11508 | 16/10/06  | Directed & Kinetic Energy Technology.pdf                     | 1980 |
| 11509 | 26/10/08  | Generation of HEMP.pdf                                       | 515  |
| 11510 | 31/10/14  | Gyrotrons Darricau fr rot.pdf                                | 2657 |
| 11511 | 01/09/08  | Half Power Beamwidth and HPM.pdf                             | 244  |
| 11512 | 28/11/10  | History of DS sources (in german).pdf                        | 675  |
| 11513 | 11/03/10  | How to generate 3000V_m from 1 to 18 GHz.pdf                 | 443  |

|       |   |   |      |
|-------|---|---|------|
| 11514 | 17/11/05  | HPM Source Characteristics.pdf                          | 109  |
| 11515 | 17/11/05  | HPM Sources & Applications.pdf                          | 101  |
| 11516 | 12/11/09  | IFI AN107 High Power pulsed field levels.pdf            | 143  |
| 11517 | 04/06/11  | Maximum Power Radiated From an Aperture Antenna.pdf     | 148  |
| 11518 | 21/02/07  | Microwave Power Electronics Overview.pdf                | 750  |
| 11519 | 11/01/10  | Overview of HPEM Systems.pdf                            | 707  |
| 11520 | 05/03/13  | Prototype Impulse-Radiating Antenna.pdf                 | 25   |
| 11521 | 17/11/05  | Pulsed HPM Sources.pdf                                  | 576  |
| 11522 | 05/03/13  | Quarter-Wave Switched Oscillators.pdf                   | 408  |
| 11523 | 17/12/05  | Review of HPM source research.pdf                       | 530  |
| 11524 | 23/02/13  | Survey of High-Power Microwave Sources.pdf              | 130  |
| 11525 | 03/07/14  | The Gyrotron.pdf  | 187  |
| 11526 | 23/02/13  | Virtual Cathode for HPM Generation.pdf                  | 123  |
| 11527 | 17/11/05  | Virtual Cathode Oscillator.pdf                          | 97   |
| 11528 | <b>HIRF, HPM, IEMN &amp; IEMI\Tests, méthodes et validation</b> |   |      |
| 11529 | 11/03/10  | 105m long anechoic chamber for HIRF.pdf                 | 249  |
| 11530 | 05/03/13  | Automated and Adaptive RF Effects Testing.pdf           | 206  |
| 11531 | 25/09/13  | Board Level Validation against Side-Channel Attacks.pdf | 1728 |
| 11532 | 04/06/15  | Characterization of HIRF Susceptibility.pdf             | 743  |
| 11533 | 13/07/10  | Contrôle de la protection IEMN - Montena.pdf            | 1526 |
| 11534 | 23/10/08  | Current Injection vs HIRF Certification.pdf             | 230  |
| 11535 | 11/01/05  | DGA-IPE Instruction 0260.pdf                            | 76   |
| 11536 | 24/08/09  | Directed Energy & HPM Tests.pdf                         | 108  |
| 11537 | 27/03/08  | Double Exponential Pulse (EMP, UWB).pdf                 | 225  |
| 11538 | 04/10/11  | Electrical Discharges for HPM Protection.pdf            | 286  |
| 11539 | 19/12/14  | Electrothermal-Stress on LDMOS FET by DCI RF-Pulses.pdf | 531  |
| 11540 | 03/09/07  | EMP Simulator Effect of Test Object.pdf                 | 472  |
| 11541 | 02/09/08  | Essential Elements of the R2SPG.pdf                     | 217  |
| 11542 | 21/02/07  | European HIRF Narrow-Band Testing.pdf                   | 1625 |
| 11543 | 04/06/15  | Fault Injection and Monitoring Capability.pdf           | 1322 |
| 11544 | 16/11/05  | Hamburg-Aircraft HIRF Testing.pdf                       | 2229 |
| 11545 | 10/12/07  | HEMP Clearance of an Air Fighter.pdf                    | 171  |
| 11546 | 05/06/11  | High Power Fan-Beam Radiator.pdf                        | 1025 |
| 11547 | 04/06/15  | HIRF Fault-Injection Experiment.pdf                     | 311  |
| 11548 | 16/11/05  | HIRF Mode-Stirred vs Anechoic.pdf                       | 445  |

|       |                                       |   |      |
|-------|---------------------------------------|---|------|
| 11549 | 03/09/07                              | HIRF Penetration Into Fuselage.pdf                    | 162  |
| 11550 | 25/11/07                              | HIRF Penetration Through Apertures.pdf                | 289  |
| 11551 | 26/10/08                              | HIRF Testing on Composite Aircraft.pdf                | 237  |
| 11552 | 27/10/07                              | HIRF Testing.pdf                                      | 902  |
| 11553 | 14/08/14                              | HIRF Virtual Testing on the C-295 Aircraft.pdf        | 685  |
| 11554 | 13/04/06                              | HPM Effects & associated tools.pdf                    | 628  |
| 11555 | 03/06/07                              | HPM Effects.pdf                                       | 453  |
| 11556 | 19/06/15                              | IEMI Experiences, Testing & Vulnerability.pdf         | 838  |
| 11557 | 03/04/15                              | IEMI Immunity Test and Verification Methods.pdf       | 2978 |
| 11558 | 17/10/12                              | IEMI immunity test methods (61000-4-36).pdf           | 203  |
| 11559 | 19/06/15                              | IEMI Immunity Test Methods.pdf                        | 129  |
| 11560 | 12/09/02                              | Impulsive EMI.pdf                                     | 727  |
| 11561 | 26/11/13                              | Input Impedance Measurement for IEMI Calculations.pdf | 401  |
| 11562 | 26/10/08                              | Instrumentation for HEMP Test.pdf                     | 581  |
| 11563 | 19/11/13                              | LD MOS FET Breakdown Under HPM Pulses.pdf             | 840  |
| 11564 | 09/12/13                              | Mesure de champ EM ... large bande.pdf                | 501  |
| 11565 | 22/03/10                              | Méthodologies d'essais HIRF - DGA TA.pdf              | 555  |
| 11566 | 05/04/09                              | Military Applications Impulse Testing.pdf             | 139  |
| 11567 | 26/10/08                              | Power System Response Data to HEMP.pdf                | 483  |
| 11568 | 06/12/07                              | Raimbourg EMC Management.pdf                          | 268  |
| 11569 | 16/11/05                              | Socrate & Hypérion.pdf                                | 726  |
| 11570 | 02/09/08                              | SPEHS Single Point Excitation.pdf                     | 95   |
| 11571 | 21/02/07                              | Susceptibility to HPEM Threats.pdf                    | 1380 |
| 11572 | 19/08/09                              | Susceptibility to interferences by HPEM.pdf           | 316  |
| 11573 | 21/02/07                              | System Level HIRF Testing.pdf                         | 512  |
| 11574 | 26/02/16                              | System-Level Vulnerability Assessment for EME.pdf     | 633  |
| 11575 | 09/12/07                              | Target Buried Detection by E-Pulse.pdf                | 248  |
| 11576 | 28/11/10                              | Taser transient pulses on power supply.pdf            | 247  |
| 11577 | 17/10/12                              | Test Facilities (IEC 61000-4-35).pdf                  | 1093 |
| 11578 | 13/12/06                              | The Future of EEE Testing Workshop 3.pdf              | 298  |
| 11579 | 13/12/06                              | The Future of EEE Testing Workshop 4.pdf              | 330  |
| 11580 | 15/04/11                              | These Tristan Dubois.pdf                              | 6423 |
| 11581 | 18/08/09                              | Time-Domain Pulsed Measurements.pdf                   | 923  |
| 11582 | 04/06/15                              | Upset-Inducing Stimulus in RC.pdf                     | 1559 |
| 11583 | <b>HIRF, HPM, IEMN &amp; IEMI\UWB</b> |   |      |

|       |   |   |      |
|-------|---|---|------|
| 11584 | 11/09/05                                | SPICE & UWB pulse stressed protection.pdf       | 212  |
| 11585 | 18/11/04                                | Technology & Pulses.pdf                         | 1576 |
| 11586 | 27/08/08                                | UWB protection against HPM.pdf                  | 176  |
| 11587 | 10/12/07                                | UWB Susceptibility of Devices.pdf               | 218  |
| 11588 | 03/09/07                                | UWB-Investigation of Protection Devices.pdf     | 60   |
| 11589 | 28/11/10                                | UWB-Pulsen auf Funkssysteme im 2.4 GHz Band.pdf | 543  |
| 11590 | <b>HIRF, HPM, IEMN &amp; IEMI\Vidéo</b> |   |      |
| 11591 | 14/12/13                                | New EMP device developed by NATO.mov            | 3979 |

11592

## 11593 Immunité, sûreté & sécurité

11594

### 11595 Immunité, sûreté & sécurité\Analyse de vulnérabilité ou panne

|       |          |  |      |
|-------|----------|--|------|
| 11596 | 20/11/14 | Causality Violations in Broadband Frequency Measurements.pdf | 191  |
| 11597 | 16/11/05 | EMC Immunity Examples.pdf                                    | 1092 |
| 11598 | 30/11/05 | Fault-Tolerant Platforms.pdf                                 | 359  |
| 11599 | 08/05/14 | Preventing Thermal & EMI Damage.pdf                          | 124  |
| 11600 | 11/05/15 | Probability of EMC Failure and Sensitivity Analysis.pdf      | 528  |
| 11601 | 12/01/11 | Statistics for Radiated HF Failures.pdf                      | 554  |

### 11602 Immunité, sûreté & sécurité\Circuits imprimés (PCBs)

|       |          |  |     |
|-------|----------|--|-----|
| 11603 | 30/11/11 | Multilayer Orthogonal Microstrip Lines.pdf | 366 |
| 11604 | 16/06/07 | PCB Inside a Cavity.pdf                    | 136 |
| 11605 | 26/08/08 | RF Currents for a 2-Sided PCB.pdf          | 266 |

### 11606 Immunité, sûreté & sécurité\Couplages sur fils, paires ou torons

|       |          |  |      |
|-------|----------|--|------|
| 11607 | 30/11/08 | Cabling Arrangement Influence.pdf                      | 222  |
| 11608 | 01/03/11 | EMF Coupling with Transmission Lines.pdf               | 1444 |
| 11609 | 30/12/14 | Field-to-Wire Coupling in Bundles of Twisted Pairs.pdf | 411  |
| 11610 | 03/01/11 | Field-to-Wire Coupling in Large Cavity.pdf             | 250  |
| 11611 | 16/05/14 | Induced Current on a Wire & S-Parameter.pdf            | 270  |
| 11612 | 28/11/10 | Interference coupling into cables.pdf                  | 148  |
| 11613 | 22/02/11 | Near-Field coupling to a Transmission Line.pdf         | 1110 |
| 11614 | 27/08/07 | UTP vs STP DELTA Test Report.pdf                       | 534  |
| 11615 | 25/08/07 | UTP vs STP.pdf   | 628  |

### 11616 Immunité, sûreté & sécurité\Guides de sécurité ou immunité

|       |          |   |     |
|-------|----------|---|-----|
| 11617 | 16/08/06 | Basics of Explosion Protection.pdf            | 796 |
| 11618 | 15/12/06 | Design & Mitigation for Functional Safety.pdf | 109 |

|       |  |   |      |
|-------|--|---|------|
| 11619 | 17/07/07   | EDF protection des lignes signaux.pdf               | 893  |
| 11620 | 05/11/14   | FIPS PUB 94.pdf                                     | 7204 |
| 11621 | 15/12/04   | Ground in Product Safety.pdf                        | 108  |
| 11622 | 05/12/04   | Guidance on EMC and Safety.pdf                      | 112  |
| 11623 | 10/12/13   | Guide to EMC for Functional Safety.pdf              | 45   |
| 11624 | 20/11/14   | Introduction to Immunity & Susceptibility.pdf       | 2061 |
| 11625 | 21/01/15   | Kyoritsu Practical guide to 60364-6.pdf             | 1565 |
| 11626 | 09/01/06   | Nato Small Ship Design.pdf                          | 2747 |
| 11627 | 23/02/07   | Practical Grounding of Power Systems.pdf            | 233  |
| 11628 | 19/08/05   | SPEC_05 Navigation aérienne.pdf                     | 287  |
| 11629 | 04/06/15   | System Guidelines for EMC - Safety.pdf              | 2313 |
| 11630 | 13/12/06   | Typical EMC Problems & Solutions.pdf                | 2310 |
| 11631 | <b>Immunité, sureté &amp; sécurité\Hipot et sécurité électrique</b>            |   |      |
| 11632 | 07/10/14   | Compliance For Hipot Testing.pdf                    | 191  |
| 11633 | 15/12/06   | Current through Voltage Transformer.pdf             | 126  |
| 11634 | <b>Immunité, sureté &amp; sécurité\Immunité aux transitoires (bande large)</b> |   |      |
| 11635 | 06/09/05   | Coupling of Transient UWB EM Fields.pdf             | 303  |
| 11636 | 13/10/14   | Device Susceptibility to Broadband Signals.pdf      | 237  |
| 11637 | 28/08/05   | Fast transient threats.pdf                          | 178  |
| 11638 | 01/03/11   | IEC Transient-Immunity Testing Overview.pdf         | 128  |
| 11639 | 11/10/06   | Susceptibility to transient perturbation.pdf        | 767  |
| 11640 | 19/10/06   | Transient control levels philosophy.pdf             | 500  |
| 11641 | 28/08/01   | UWB susceptibility.pdf                              | 167  |
| 11642 | <b>Immunité, sureté &amp; sécurité\Immunité de circuits intégrés (IC)</b>      |   |      |
| 11643 | 16/05/05   | Baffreau Micro-controller.pdf                       | 191  |
| 11644 | 23/12/15   | CEM des CI - Electrical overstress.pdf              | 2772 |
| 11645 | 23/12/15   | CMOS Amplifier With High EMI Immunity.pdf           | 839  |
| 11646 | 12/07/12   | Conducted RF Immunity of Microcontrollers.pdf       | 638  |
| 11647 | 19/11/13   | Effect of EMI on NMOSFET Mirror.pdf                 | 235  |
| 11648 | 17/11/05   | HPM CMOS & TTL Upset.pdf                            | 323  |
| 11649 | 18/09/03   | IC reliability report.pdf                           | 68   |
| 11650 | 21/10/15   | Immunity of ADC Embedded in a Microcontroller.pdf   | 561  |
| 11651 | 16/05/05   | Immunity of ICs.pdf                                 | 307  |
| 11652 | 09/02/11   | Immunity of LSI with Embedded Capacitors.pdf        | 384  |
| 11653 | 27/06/14   | LDO Voltage Regulator Susceptibility Simulation.pdf | 1048 |

|       |   |  |      |
|-------|---|--|------|
| 11654 | 07/09/05  | Microwave on A-D Converter.pdf                             | 404  |
| 11655 | 29/10/08  | Prediction of Sensitive I-O Ports.pdf                      | 125  |
| 11656 | 25/09/02  | Radiation on IC.pdf  | 786  |
| 11657 | 25/05/12  | RF Susceptibility of CMOS Comparators.pdf                  | 664  |
| 11658 | 21/10/15  | Schmitt Trigger DTMOs for Enhanced Immunity.pdf            | 708  |
| 11659 | 17/11/05  | SEU en CMOS Submicronique.pdf                              | 1648 |
| 11660 | 07/09/05  | Susceptibility of microcontrollers.pdf                     | 122  |
| 11661 | 25/05/12  | Susceptibility of Thermal Shutdown Circuit to RFI.pdf      | 531  |
| 11662 | 10/04/07  | SW-BASED FAULT HANDLING.pdf                                | 77   |
| 11663 | 23/08/05  | These Stephane Baffreau.pdf                                | 2210 |
| 11664 | 26/11/13  | Timing Variations in Digital Logic Circuits Due to EFT.pdf | 915  |
| 11665 | 19/08/09  | Transient-to-Digital Converter for EFT.pdf                 | 314  |
| 11666 | 17/11/05  | Vulnérabilité circuits intégrés.pdf                        | 2777 |
| 11667 | <b>Immunité, sureté &amp; sécurité\Immunité de composants</b> |  |      |
| 11668 | 07/03/04  | Bandgap Voltage References.pdf                             | 143  |
| 11669 | 26/02/04  | Data interfaces immunity.pdf                               | 131  |
| 11670 | 11/01/10  | EM Susceptibility Analysis of a SMPS.pdf                   | 351  |
| 11671 | 23/12/15  | Frequency Shift of Ring Oscillators Due to RFI.pdf         | 418  |
| 11672 | 31/03/11  | High-Voltage PMOS Transistor Susceptibility.pdf            | 375  |
| 11673 | 29/10/08  | Immunity of A to D converters.pdf                          | 155  |
| 11674 | 18/02/02  | Jitter & immunity.pdf                                      | 86   |
| 11675 | 17/11/05  | Limites techno du silicium.pdf                             | 735  |
| 11676 | 09/01/08  | Schottky Diode Breakdown.pdf                               | 279  |
| 11677 | 31/12/06  | Susceptibility of a Brokaw Bandgap.pdf                     | 219  |
| 11678 | 22/01/03  | texte Baffreau - Sicard.pdf                                | 769  |
| 11679 | 25/02/04  | Video channel immunity.pdf                                 | 262  |
| 11680 | <b>Immunité, sureté &amp; sécurité\Immunité de systèmes</b>   |  |      |
| 11681 | 05/09/05  | 2005 EMC & Audio Systems.pdf                               | 4209 |
| 11682 | 01/11/05  | ADP Installation & inspection for C4ISR.pdf                | 852  |
| 11683 | 19/12/04  | Agression EM sur un système.pdf                            | 394  |
| 11684 | 08/10/06  | Analysis of EMI-E3 Problems.pdf                            | 2162 |
| 11685 | 27/05/06  | Audio-Video Power & Grounding.pdf                          | 470  |
| 11686 | 03/01/11  | Cabling Repeatability of Immunity EMC.pdf                  | 222  |
| 11687 | 27/08/08  | Commercial Bus in Military Environment.pdf                 | 178  |
| 11688 | 09/02/09  | Communications Electronic Protection.pdf                   | 182  |

|       |   |  |      |
|-------|---|--|------|
| 11689 | 29/11/05  | Concepts of Dependability.pdf                              | 181  |
| 11690 | 09/01/06  | Deeply Buried Facilities.pdf                               | 602  |
| 11691 | 29/11/05  | Design for Soft-Error Mitigation.pdf                       | 118  |
| 11692 | 21/11/12  | Digital Camera Detection and Image Disruption.pdf          | 660  |
| 11693 | 18/11/05  | Digital immunity.pdf                                       | 745  |
| 11694 | 17/12/05  | Disruptive Effects of EMI.pdf                              | 166  |
| 11695 | 05/10/11  | EM Chart for Object of Informatization.pdf                 | 362  |
| 11696 | 21/02/02  | Grounding an ECU.pdf                                       | 78   |
| 11697 | 20/11/14  | Immunity for Power Station and Substation Environments.pdf | 2153 |
| 11698 | 16/05/05  | Improvement of System Robustness.pdf                       | 708  |
| 11699 | 29/11/05  | Improving Software Robustness.pdf                          | 56   |
| 11700 | 06/11/11  | Intra-System EMI Characterization.pdf                      | 1374 |
| 11701 | 21/11/12  | Investigation of Hardening Measures.pdf                    | 696  |
| 11702 | 18/11/98  | NASA-98 Recoverable Computer.pdf                           | 114  |
| 11703 | 17/12/05  | Nuclear Technology Vulnerability.pdf                       | 49   |
| 11704 | 21/08/09  | Potential Radiated Interference Issues.pdf                 | 100  |
| 11705 | 01/01/09  | Safety in the Offshore Oil and Gas.pdf                     | 86   |
| 11706 | 21/03/04  | Susceptibilité statistique des ordinateurs.pdf             | 126  |
| 11707 | 06/12/05  | Susceptibility of IT Equipment.pdf                         | 628  |
| 11708 | 11/09/05  | System Immunity to Wireless GSM.pdf                        | 178  |
| 11709 | 06/03/04  | Television Monitor Susceptibility.pdf                      | 109  |
| 11710 | 17/12/05  | Trends in Vulnerabilities 2004.pdf                         | 848  |
| 11711 | <b>Immunité, sureté &amp; sécurité\Immunité induction magnétique DC</b> |  |      |
| 11712 | 16/05/11  | DCCT Stacc-600A_Magnetic-Susceptibility-Test.pdf           | 127  |
| 11713 | 16/05/11  | DCCT-Holec-20kA_Magnetic-Susceptibility-Test.pdf           | 117  |
| 11714 | 16/05/11  | LEM-HA-4000-S_Magnetic-Susceptibility-Test.pdf             | 147  |
| 11715 | 16/05/11  | Pulse-Transformer_Magnetic-Susceptibility-Test.pdf         | 275  |
| 11716 | 16/05/11  | Relay_Omron_G6K_Magnetic-Susceptibility-Test.pdf           | 156  |
| 11717 | 16/05/11  | Relay-24V-Various-01_Magnetic-Susceptibility-Test.pdf      | 48   |
| 11718 | 16/05/11  | Relay-24V-Various-02_Magnetic-Susceptibility-Test.pdf      | 202  |
| 11719 | 23/12/07  | Strong Static Magnetic Fields.pdf                          | 287  |
| 11720 | 20/08/09  | Superimposed Magnetic Fields.pdf                           | 253  |
| 11721 | 09/11/13  | Susceptibility of Magnetic Information Storage.pdf         | 1129 |
| 11722 | 16/05/11  | UJ56-Power-Converter_Magnetic-Susceptibility-Test.pdf      | 62   |
| 11723 | <b>Immunité, sureté &amp; sécurité\Immunité radio (bande étroite)</b>   |  |      |

|       |  |   |      |
|-------|--|---|------|
| 11724 | 19/12/04   | 3D-Susceptibility Evaluation.pdf                        | 231  |
| 11725 | 17/03/06   | E Fields in Buildings.pdf                               | 266  |
| 11726 | 06/03/04   | EM emissions underground.pdf                            | 252  |
| 11727 | 04/10/11   | EM Immunity Responses of RF Amplifier.pdf               | 238  |
| 11728 | 01/09/07   | GPRS & WCDMA Consumer Electronics.pdf                   | 493  |
| 11729 | 16/11/13   | IEC Continuous RF Approach to Immunity.pdf              | 304  |
| 11730 | 12/03/04   | Immunité Canada.pdf                                     | 240  |
| 11731 | 06/09/11   | Immunity Testing to Cover Intermodulation.pdf           | 486  |
| 11732 | 12/01/08   | Immunity to Continuous Disturbances.pdf                 | 126  |
| 11733 | 01/09/08   | Immunity to Continuous RF.pdf                           | 490  |
| 11734 | 23/02/11   | Immunity to Rotating FM-EM Field.pdf                    | 1756 |
| 11735 | 20/02/02   | Near field immunity.pdf                                 | 65   |
| 11736 | 29/07/15   | Portable Radio Transmitters Used in Close Proximity.pdf | 210  |
| 11737 | 08/10/12   | Radiation Shifting in a Microwave Oscillator.pdf        | 304  |
| 11738 | 27/08/08   | Remote Keyless Entry immunity.pdf                       | 504  |
| 11739 | 19/12/04   | RF Effects on Clock Networks.pdf                        | 253  |
| 11740 | 20/02/07   | RF EMI-Immune Thermocouple.pdf                          | 459  |
| 11741 | 12/01/11   | RS Test Using Rotating FM-EM Field.pdf                  | 280  |
| 11742 | 12/01/11   | RS Testing of Highly Directive Devices.pdf              | 195  |
| 11743 | 20/02/02   | Safety near radio station.pdf                           | 144  |
| 11744 | 01/03/09   | SQUID Immunity to Wireless Telephone.pdf                | 439  |
| 11745 | 21/03/04   | Susceptibilité aux radio et radar.pdf                   | 172  |
| 11746 | 21/03/04   | Susceptibilité en hyper.pdf                             | 489  |
| 11747 | 05/06/11   | Susceptibility Responses of RF-Microwave Circuits.pdf   | 319  |
| 11748 | 09/09/05   | Wireless Phone Threat for Aircraft.pdf                  | 514  |
| 11749 | <b>Immunité, sureté &amp; sécurité\Sécurité fonctionnelle et risques</b> |   |      |
| 11750 | 05/01/07   | Normes et s–reté de fonctionnement.pdf                  | 231  |
| 11751 | 20/02/02   | 30 Amp ground test.pdf                                  | 258  |
| 11752 | 09/01/06   | After Globalization Security.pdf                        | 1799 |
| 11753 | 19/12/05   | Cles de la securite.pdf                                 | 2110 |
| 11754 | 01/01/09   | EMC & functional safety for software.pdf                | 55   |
| 11755 | 10/01/06   | EMC & Functional Safety Update.pdf                      | 253  |
| 11756 | 13/11/04   | EMC & Functional Safety.pdf                             | 70   |
| 11757 | 25/02/04   | EMC & safety.pdf  | 181  |
| 11758 | 01/01/09   | EMC and Functional Safety Core.pdf                      | 209  |



|       |   |   |      |
|-------|---|---|------|
| 11759 | 16/01/08  | EMC and Functional Safety.pdf                   | 72   |
| 11760 | 23/12/15  | EMC checklists and planning.pdf                 | 73   |
| 11761 | 10/11/08  | EMC for Functional Safety 2.pdf                 | 1411 |
| 11762 | 10/12/13  | EMC for Functional Safety 3.pdf                 | 423  |
| 11763 | 06/09/05  | EMC for Functional Safety.pdf                   | 110  |
| 11764 | 15/12/06  | EMC with regard to Functional Safety.pdf        | 135  |
| 11765 | 11/12/06  | EMI and Functional Safety (Armstrong).pdf       | 448  |
| 11766 | 02/12/05  | Fault Tree Analysis.pdf                         | 101  |
| 11767 | 20/04/09  | Functional Safety IEC 61508.pdf                 | 889  |
| 11768 | 09/05/11  | Guidance on EMC-related functional safety.pdf   | 426  |
| 11769 | 05/12/04  | Hazard Analysis.pdf                             | 118  |
| 11770 | 05/12/04  | IEC 61000-1-2 Functional Safety.pdf             | 139  |
| 11771 | 23/12/07  | Immunity Testing for Functional Safety.pdf      | 230  |
| 11772 | 10/01/11  | Including EMC in Risk Assessments.pdf           | 144  |
| 11773 | 17/12/05  | ITU Cybersecurity.pdf                           | 235  |
| 11774 | 05/01/07  | La sécurité sur les machines.pdf                | 658  |
| 11775 | 06/09/11  | Opportunities in the Risk Management of EMC.pdf | 168  |
| 11776 | 21/12/04  | Product Safety & PCB.pdf                        | 61   |
| 11777 | 08/03/04  | Product Safety and Heat Sink.pdf                | 168  |
| 11778 | 19/12/04  | Product Safety Workshop.pdf                     | 1273 |
| 11779 | 25/02/04  | Product safety.pdf                              | 154  |
| 11780 | 13/10/08  | Radio Immunity in Mines.pdf                     | 2019 |
| 11781 | 12/03/04  | Rapport Toulouse.pdf                            | 117  |
| 11782 | 19/08/05  | Risques électriques.pdf                         | 283  |
| 11783 | 01/09/07  | Safety Electronic Environment.pdf               | 294  |
| 11784 | 01/09/07  | Safety Electronic Regulations.pdf               | 589  |
| 11785 | 01/01/09  | Safety in the Aerospace Industry.pdf            | 72   |
| 11786 | 12/07/08  | Télécommunications d'urgence.pdf                | 865  |
| 11787 | 18/12/05  | Vulnerability Netherlands.pdf                   | 189  |
| 11788 | <b>Immunité, sureté &amp; sécurité\Tests, normes et méthodes d'immunité</b> |   |      |
| 11789 | 19/01/05  | 60950 vs GR-1089-core.pdf                       | 226  |
| 11790 | 19/12/04  | Battery Operated Device Immunity.pdf            | 189  |
| 11791 | 12/01/14  | BCI in Twisted Not Perfectly Balanced Pairs.pdf | 569  |
| 11792 | 15/06/05  | BCI on shielded coaxial cables.pdf              | 659  |
| 11793 | 22/02/11  | Closed-Loop BCI Immunity with ISO 11452-4.pdf   | 3548 |

|       |          |  |      |
|-------|----------|--|------|
| 11794 | 12/02/04 | Ecma-199.pdf                                   | 47   |
| 11795 | 30/11/09 | EFT-B Tests.pdf                                | 2220 |
| 11796 | 22/07/08 | em test 61000-4-16.pdf                         | 401  |
| 11797 | 19/01/05 | EN 300 386-2 vs GR-1089-core.pdf               | 130  |
| 11798 | 07/03/04 | GSM testing in Paris subway.pdf                | 230  |
| 11799 | 25/02/04 | IEC SC77B radiated immunity.pdf                | 78   |
| 11800 | 12/01/08 | IEC Transient-Immunity Overview 2007.pdf       | 92   |
| 11801 | 16/11/13 | IEC Transient-Immunity Overview 2013.pdf       | 422  |
| 11802 | 13/11/11 | IEC Transient-Immunity Testing 2.pdf           | 472  |
| 11803 | 12/12/06 | IEC Transient-Immunity Testing.pdf             | 107  |
| 11804 | 20/08/09 | Immunity Test using Array Antenna.pdf          | 436  |
| 11805 | 19/12/04 | Immunity Testing & Safety.pdf                  | 88   |
| 11806 | 15/08/06 | International Standards.pdf                    | 192  |
| 11807 | 03/09/07 | Model of BCI Test.pdf                          | 533  |
| 11808 | 26/02/09 | New Radiated Immunity Test Method.pdf          | 292  |
| 11809 | 17/10/06 | Polarisation & Susceptibility Testing.pdf      | 385  |
| 11810 | 29/10/08 | Power-Ground Noise Immunity Test.pdf           | 530  |
| 11811 | 26/02/16 | Radiated Immunity Test Involving Crosstalk.pdf | 640  |
| 11812 | 14/10/13 | Reproducing system-level BCI test.pdf          | 456  |
| 11813 | 25/11/07 | RF Injection Effects in Analog Circuits.pdf    | 172  |
| 11814 | 12/11/04 | Television Monitor In GTEM-Cell.pdf            | 202  |
| 11815 | 01/03/11 | Test Methods for Immunity to RF EM Fields.pdf  | 190  |
| 11816 | 13/11/11 | Test Methods for Immunity to RF EMF 2.pdf      | 171  |
| 11817 | 24/08/09 | Test Methods for Immunity to RF EMF.pdf        | 185  |
| 11818 | 17/03/06 | TM 5-690 (C4ISR).pdf                           | 1382 |
| 11819 | 01/03/11 | Uncertainty in Stating Pass-Fail.pdf           | 148  |
| 11820 | 26/06/07 | Using the EN 61000.pdf                         | 933  |

11821

|       |                                 |  |  |
|-------|---------------------------------|--|--|
| 11822 | <b>Intégrité du signal (SI)</b> |  |  |
|-------|---------------------------------|--|--|

11823

|       |   |  |  |
|-------|---|--|--|
| 11824 | <b>Intégrité du signal (SI)\Adaptation d'impédance (AN)</b> |  |  |
|-------|---|--|--|

|       |          |   |     |
|-------|----------|---|-----|
| 11825 | 01/12/14 | AN146 USB Hardware Design Guidelines for FTDI ICs.pdf | 228 |
| 11826 | 01/12/14 | Comparing EIA-485 and EIA-422-A.pdf                   | 119 |
| 11827 | 01/12/14 | Comparison of Differential Termination Techniques.pdf | 284 |
| 11828 | 13/04/15 | DDR4 Address bus Interconnect Optimization.pdf        | 485 |

|       |  |   |      |
|-------|--|---|------|
| 11829 | 01/12/14   | FAILSAFE Biasing of Differential Buses.pdf          | 92   |
| 11830 | 01/12/14   | High Speed USB Design Guidelines.pdf                | 305  |
| 11831 | 01/12/14   | Implementing the USB 2.0 Physical Layer.pdf         | 327  |
| 11832 | 01/12/14   | PCB Layout for the Ethernet PHY Interface.pdf       | 179  |
| 11833 | 01/12/14   | RS-422 and RS-485 Standards Overview.pdf            | 235  |
| 11834 | 01/12/14   | The RS-485 Design Guide.pdf                         | 213  |
| 11835 | 01/12/14   | USB 2.0 Board Design and Layout.pdf                 | 95   |
| 11836 | 01/12/14   | USB Hardware Design Guide.pdf                       | 430  |
| 11837 | 01/12/14   | USB Line Termination.pdf                            | 74   |
| 11838 | <b>Intégrité du signal (SI)\Alimentation, découplage et PI</b> |   |      |
| 11839 | 16/05/14   | Analysis of Double-Plane Circuits.pdf               | 218  |
| 11840 | 12/03/15   | Analysis of Power-Ground Planes.pdf                 | 616  |
| 11841 | 03/11/13   | Analysis on Decoupling Capacitor Placement.pdf      | 589  |
| 11842 | 16/04/15   | Analytical PDN Voltage Ripple Calculation.pdf       | 476  |
| 11843 | 03/11/13   | Ceramic SMT Decoupling Capacitors.pdf               | 362  |
| 11844 | 14/04/15   | Chip Power Modulation for Power Noise Analysis.pdf  | 940  |
| 11845 | 12/09/02   | DC power bus noise.pdf                              | 190  |
| 11846 | 26/08/06   | DDR Power Integrity Analysis.pdf                    | 396  |
| 11847 | 27/05/10   | Decoupling and EBG Isolation.pdf                    | 555  |
| 11848 | 22/03/04   | Decoupling cap.pdf                                  | 313  |
| 11849 | 27/07/15   | Decoupling Capacitor Design on PCBs.pdf             | 704  |
| 11850 | 21/08/12   | Decoupling of DRAM & DDR3 DIMMS.pdf                 | 8591 |
| 11851 | 06/09/14   | Design of high slew-rate LDO.pdf                    | 534  |
| 11852 | 03/11/13   | Designing for Power Integrity.pdf                   | 1365 |
| 11853 | 11/05/15   | Dispersive Power-Ground Structures.pdf              | 292  |
| 11854 | 14/10/13   | Distortion analysis of nonlinear circuits.pdf       | 257  |
| 11855 | 14/04/15   | Dynamic Analysis of Power Delivery Network.pdf      | 138  |
| 11856 | 13/04/15   | Embedded Capacitance for PCBs.pdf                   | 595  |
| 11857 | 14/04/15   | Fast Transient Simulation of Multilayer PCBs.pdf    | 379  |
| 11858 | 23/12/15   | Galerkin Time-Domain Method of Power-GND Planes.pdf | 239  |
| 11859 | 08/03/04   | Gapped Power-Bus Structure.pdf                      | 541  |
| 11860 | 16/11/13   | GHz Power Integrity Modeling and Design.pdf         | 1919 |
| 11861 | 20/01/06   | GND decoupling.pdf                                  | 446  |
| 11862 | 09/09/12   | Ground and VCC Bounce Definitions.pdf               | 28   |
| 11863 | 09/09/12   | Ground Bounce in DC-DC Converter.pdf                | 277  |

|       |          |   |      |
|-------|----------|---|------|
| 11864 | 26/08/06 | Ground Bounce in Digital VLSI IC.pdf                  | 433  |
| 11865 | 26/08/06 | Ground Bounce in I-O Rings .pdf                       | 1335 |
| 11866 | 13/04/15 | Handling PDN Plane Resonance.pdf                      | 392  |
| 11867 | 17/10/12 | High-Speed Digital Decoupling.pdf                     | 777  |
| 11868 | 02/09/07 | IC Power supply network design.pdf                    | 370  |
| 11869 | 03/09/07 | IC-Conducted Emission & Supply Current.pdf            | 732  |
| 11870 | 19/11/13 | Impedance Calculation of Power and Ground Planes.pdf  | 601  |
| 11871 | 06/09/11 | Impedance Calculation of Power Planes.pdf             | 253  |
| 11872 | 29/11/13 | Implementation of Power Transmission Lines.pdf        | 729  |
| 11873 | 19/11/13 | Impulsive VDD Current Minimization.pdf                | 630  |
| 11874 | 23/01/13 | Inductance between Parallel-Planes.pdf                | 149  |
| 11875 | 13/04/15 | Interposer with embedded capacitors.pdf               | 2723 |
| 11876 | 26/02/16 | IR-Drop Modeling and Reduction for PCBs.pdf           | 2436 |
| 11877 | 14/11/04 | Isolation Using Cavity Modes.pdf                      | 541  |
| 11878 | 26/08/06 | Locations of Decoupling Capacitors.pdf                | 154  |
| 11879 | 04/06/12 | Measuring Power-Plane Impedances.pdf                  | 228  |
| 11880 | 13/04/15 | MIM Cap Layout for SSN Reduction.pdf                  | 452  |
| 11881 | 09/09/12 | Minimizing Ground Bounce & VCC Sag.pdf                | 207  |
| 11882 | 14/01/08 | Modeling Methods for Power Integrity.pdf              | 813  |
| 11883 | 23/01/14 | MT-101 Decoupling Techniques.pdf                      | 583  |
| 11884 | 03/11/13 | Multiple Decoupling Capacitors in PCBs.pdf            | 91   |
| 11885 | 28/10/13 | Multiple Decoupling Capacitors in PCBs2.pdf           | 289  |
| 11886 | 20/11/14 | Narrow Power Fills on PCB PDN Noise.pdf               | 680  |
| 11887 | 27/06/14 | Noise From Switching Activity in an FPGA.pdf          | 1031 |
| 11888 | 17/10/14 | Noise transfer through power supply network (PDN).pdf | 699  |
| 11889 | 18/02/02 | on-PCB vs on-chip caps.pdf                            | 202  |
| 11890 | 20/08/09 | Optimal Decoupling Caps & Placement.pdf               | 167  |
| 11891 | 13/10/14 | Optimal Number of Decoupling Capacitors.pdf           | 820  |
| 11892 | 20/11/14 | Optimization of PCB PDN design.pdf                    | 388  |
| 11893 | 27/11/13 | Optimization of Power Delivery Network Design.pdf     | 484  |
| 11894 | 14/10/14 | Optimized Virtual Ground Fence for PI.pdf             | 316  |
| 11895 | 16/10/11 | Optimizing Decoupling Capacitor Placement.pdf         | 342  |
| 11896 | 19/11/13 | Parallel-Plane Structures of Arbitrary Shape.pdf      | 622  |
| 11897 | 28/10/07 | PCB Decoupling Capacitors.pdf                         | 198  |
| 11898 | 10/04/15 | PCB Effects for Power Integrity.pdf                   | 2983 |

|       |   |   |      |
|-------|---|---|------|
| 11899 | 16/04/15  | PDN Impedance using Absorbing Material.pdf            | 605  |
| 11900 | 20/11/14  | PI Analysis for Core Timing Models.pdf                | 459  |
| 11901 | 21/11/14  | PI Concepts for High-Speed Design 2014.pdf            | 2125 |
| 11902 | 10/04/15  | PI Concepts for High-Speed Design 2015.pdf            | 9333 |
| 11903 | 21/11/14  | PI for Next Generation Signalings.pdf                 | 1534 |
| 11904 | 25/02/16  | PI Issues from Power Plane Interaction.pdf            | 1806 |
| 11905 | 17/10/12  | Planar EBG for PI and SI.pdf                          | 2087 |
| 11906 | 31/01/14  | Power Bus Decoupling on Multilayer PCBs.pdf           | 769  |
| 11907 | 18/02/02  | Power bus noise.pdf                                   | 146  |
| 11908 | 13/04/15  | Power Delivery Filtering of Mixed-Signal Systems.pdf  | 948  |
| 11909 | 24/11/13  | Power Delivery Modeling for Computing System.pdf      | 883  |
| 11910 | 06/09/05  | Power Distribution & Multi-Gigabit I-Os.pdf           | 278  |
| 11911 | 16/11/13  | Power Distribution Network Design.pdf                 | 2189 |
| 11912 | 26/08/06  | Power Supply Noise Analysis.pdf                       | 113  |
| 11913 | 14/08/14  | Power-Ground Planes With Inhomogeneous Substrates.pdf | 347  |
| 11914 | 31/01/14  | Selection and Placement of Decoupling Caps.pdf        | 1675 |
| 11915 | 12/11/08  | SI & Power Grid Activity.pdf                          | 332  |
| 11916 | 22/02/11  | SI of Surface Integrated Waveguide.pdf                | 413  |
| 11917 | 01/09/08  | Signal & Power Integrity.pdf                          | 1753 |
| 11918 | 24/02/11  | Signal and Power Integrity Analysis.pdf               | 399  |
| 11919 | 20/11/14  | SI-PI cosimulation analysis of memory bus.pdf         | 2181 |
| 11920 | 27/08/06  | SSN & Signal Integrity.pdf                            | 79   |
| 11921 | 27/08/06  | SSN Mitigation & Impedance Surface.pdf                | 249  |
| 11922 | 12/10/11  | Supply Voltage Fluctuation to Jitter.pdf              | 378  |
| 11923 | 06/05/14  | Suppressing Power-Bus Resonance of PCBs.pdf           | 1086 |
| 11924 | 20/11/14  | Switching Voltage Regulator Modeling.pdf              | 973  |
| 11925 | 16/10/14  | Switching Voltage Regulator Noise Analysis.pdf        | 614  |
| 11926 | 17/10/12  | The Ground Myth.pdf                                   | 2864 |
| 11927 | 19/12/14  | Time-Domain Analysis of Rectangular Power-Ground.pdf  | 310  |
| 11928 | 13/10/14  | Time-Domain Mutual Coupling Between Power-Ground.pdf  | 170  |
| 11929 | 17/10/14  | Transient Response of Power Delivery Network.pdf      | 512  |
| 11930 | 17/10/14  | Virtual Ground Fence Options for Power Plane.pdf      | 532  |
| 11931 | 29/08/11  | Voltage and Return Plane Bounce.pdf                   | 450  |
| 11932 | 28/05/10  | Wideband Suppression of SSN.pdf                       | 587  |
| 11933 | Intégrité du signal (SI)\Bases, conception et évolution |   |      |

|       |          |   |      |
|-------|----------|---|------|
| 11934 | 05/09/05 | 2005 SI Fundamentals.pdf                                    | 4946 |
| 11935 | 26/08/06 | 5-GByte-s Data-Transfer.pdf                                 | 281  |
| 11936 | 05/10/12 | 8 bit current steering DAC for offset compensation.pdf      | 446  |
| 11937 | 15/09/12 | A review of accelerated tests.pdf                           | 483  |
| 11938 | 12/12/15 | Advanced High-Speed Design & Characterization.pdf           | 925  |
| 11939 | 12/12/15 | Agilent Understanding Signal Integrity.pdf                  | 176  |
| 11940 | 15/09/12 | Aging of SiO2.pdf   | 409  |
| 11941 | 26/08/06 | ALLEGRO & PCB Power Delivery.pdf                            | 312  |
| 11942 | 12/12/15 | Altera Basic Principles of Signal Integrity.pdf             | 67   |
| 11943 | 23/01/14 | AN-1214 High CMRR Circuits.pdf                              | 104  |
| 11944 | 23/01/14 | AN-257 Design of High Speed Op Amps.pdf                     | 549  |
| 11945 | 23/01/14 | AN-692 Precision Op Amp Evaluation Board.pdf                | 257  |
| 11946 | 14/12/12 | AN82 Understanding Voltage References.pdf                   | 168  |
| 11947 | 26/08/06 | Analysis & Verification.pdf                                 | 893  |
| 11948 | 06/07/11 | Armstrong Presentation ANSYS 2011.pdf                       | 1919 |
| 11949 | 03/09/08 | Board Design & Signal Integrity.pdf                         | 593  |
| 11950 | 06/03/14 | Breakthrough of IO Data Bandwidth.pdf                       | 263  |
| 11951 | 16/10/12 | Chip-Package-PCB Codesign.pdf                               | 9290 |
| 11952 | 12/11/08 | CMOS Analog Circuit Design.pdf                              | 1645 |
| 11953 | 13/10/14 | DC Blocking Capacitor for High Speed Signalling.pdf         | 776  |
| 11954 | 21/11/14 | Design Considering Loss, ISI, Equalizer and Eye diagram.pdf | 2560 |
| 11955 | 06/09/14 | Design of a slew-rate controlled buffer.pdf                 | 240  |
| 11956 | 17/04/13 | Designing With Your Thumbs.pdf                              | 7262 |
| 11957 | 08/12/15 | Digital Signals on Transmission Lines.pdf                   | 64   |
| 11958 | 05/09/12 | Driving an ADC.pdf  | 119  |
| 11959 | 26/08/06 | ECE 451 signal integrity.pdf                                | 450  |
| 11960 | 16/09/12 | Elcap Lifetime Estimation.pdf                               | 368  |
| 11961 | 16/11/13 | Electromagnetic Methods, Models & Measures (M3).pdf         | 2725 |
| 11962 | 25/08/06 | EMI & High Speed Signal Integrity.pdf                       | 935  |
| 11963 | 15/09/12 | End-of-life parameter drifts.pdf                            | 2245 |
| 11964 | 18/12/04 | End-to-end 10Gb-s.pdf                                       | 350  |
| 11965 | 06/05/14 | Evolution of Maxwell's Equations.pdf                        | 1009 |
| 11966 | 23/01/14 | Frequency Transformations.pdf                               | 1097 |
| 11967 | 16/12/06 | FSV interpretation of EMC-SI.pdf                            | 173  |
| 11968 | 21/08/09 | Fundamental of Power Integrity Design.pdf                   | 4497 |

|       |          |   |       |
|-------|----------|---|-------|
| 11969 | 16/10/12 | Fundamentals of SI and PI.pdf                               | 2375  |
| 11970 | 12/12/15 | Fundamentals of SI for High-Speed & High-Density Design.pdf | 414   |
| 11971 | 18/12/04 | Fundamentals of Signal Integrity 2004.pdf                   | 2194  |
| 11972 | 14/04/15 | Fundamentals of Signal Integrity 2015.pdf                   | 1418  |
| 11973 | 27/02/14 | Getting the Most from IC Voltage References.pdf             | 2130  |
| 11974 | 17/12/03 | HF Transmission-Line extension.pdf                          | 146   |
| 11975 | 19/12/04 | High Speed Analog Circuit.pdf                               | 165   |
| 11976 | 12/11/04 | High speed Signal Propagation.pdf                           | 105   |
| 11977 | 25/08/06 | High-Speed CMOS Laser Driver.pdf                            | 2197  |
| 11978 | 01/08/12 | IEEE 802.3at PoE Efficiency.pdf                             | 1441  |
| 11979 | 19/11/11 | Instability Due to Capacitive Loading.pdf                   | 381   |
| 11980 | 20/02/07 | Instrumentation Amp Design Guide.pdf                        | 1221  |
| 11981 | 14/02/12 | Intégrité du signal.pdf                                     | 3055  |
| 11982 | 26/03/15 | Intel Fundamentals of Signal Integrity.pdf                  | 1324  |
| 11983 | 02/09/12 | Johnson & Graham - High-speed Digital Design.pdf            | 14037 |
| 11984 | 28/05/15 | Keysight Signal Integrity Fundamentals.pdf                  | 2595  |
| 11985 | 07/01/12 | Library Harmonization project.pdf                           | 93    |
| 11986 | 21/11/14 | Molex Channel Components Design for 56 Gbps.pdf             | 1807  |
| 11987 | 07/01/14 | Murata DC bias effect.pdf                                   | 287   |
| 11988 | 08/06/12 | Mysteries of the Smith Chart.pdf                            | 1655  |
| 11989 | 28/02/13 | OA-15 Wideband Current Feedback Amps.pdf                    | 298   |
| 11990 | 27/07/12 | OFDM - Armstrong.pdf  | 441   |
| 11991 | 21/08/13 | Overview of SI and EMC Design on PCB.pdf                    | 1281  |
| 11992 | 08/03/09 | Package-Aware Chip Design Flow.pdf                          | 311   |
| 11993 | 27/08/06 | Planning for High Speed Designs.pdf                         | 70    |
| 11994 | 27/02/14 | Precision voltage references 2.pdf                          | 101   |
| 11995 | 27/02/14 | Precision voltage references.pdf                            | 128   |
| 11996 | 27/05/10 | Review of EMC Analysis Technologies.pdf                     | 1255  |
| 11997 | 28/05/10 | SI - Progress and Directions.pdf                            | 140   |
| 11998 | 13/04/15 | SI and PI Challenges for Mobile Devices.pdf                 | 131   |
| 11999 | 26/08/06 | SI Chapter.pdf  | 443   |
| 12000 | 03/11/13 | SI Design for High-Speed Digital Circuits.pdf               | 222   |
| 12001 | 08/12/15 | SI in High-Speed Electronic Systems.pdf                     | 2530  |
| 12002 | 26/08/06 | SI prediction in the next decade.pdf                        | 422   |
| 12003 | 19/08/09 | SI Tool Set for Engineering Design & Education.pdf          | 541   |

|       |   |  |      |
|-------|---|--|------|
| 12004 | 11/03/16  | SI Tutorial - Sonnet Microstrip Models.pdf     | 3318 |
| 12005 | 02/09/06  | Signal & Power Integrity Training.ppt          | 6828 |
| 12006 | 17/10/12  | Signal and Power Integrity Co-Design.pdf       | 5719 |
| 12007 | 26/08/06  | Signal Integrity & SPICE.pdf                   | 1186 |
| 12008 | 10/04/14  | Signal Integrity Freescale PCB.pdf             | 1613 |
| 12009 | 21/11/14  | Signal Integrity Fundamentals.pdf              | 1475 |
| 12010 | 25/08/06  | Signal Integrity is Future.pdf                 | 672  |
| 12011 | 07/10/06  | Signal Integrity Multi-Gigabit.pdf             | 583  |
| 12012 | 06/09/14  | Slew-rate controlled LVDS driver.pdf           | 656  |
| 12013 | 19/07/12  | Sorting Out Backplane Driver Alphabet Soup.pdf | 240  |
| 12014 | 22/05/15  | Stabilizing difference amplifiers.pdf          | 221  |
| 12015 | 12/12/15  | Tektronix Fundamentals of Signal Integrity.pdf | 939  |
| 12016 | 07/06/06  | TW9910 PCB Layout Guide.pdf                    | 168  |
| 12017 | 17/10/12  | Uncertainty Analysis for High-Speed Design.pdf | 683  |
| 12018 | 23/01/09  | VLSI System Design.pdf                         | 7454 |
| 12019 | <b>Intégrité du signal (SI)\Bases, conception et évolution\PLL design</b> |  |      |
| 12020 | 04/12/12  | 04 PLL design.png                              | 22   |
| 12021 | 04/12/12  | 05 PLL design.png                              | 35   |
| 12022 | 04/12/12  | 07 PLL design.png                              | 32   |
| 12023 | 04/12/12  | 08 VCOs.png                                    | 24   |
| 12024 | 04/12/12  | 09 VCO characteristic.png                      | 18   |
| 12025 | 04/12/12  | 10 VCO Transfer function.png                   | 13   |
| 12026 | 04/12/12  | 11 Mixer Transfer function.png                 | 11   |
| 12027 | 04/12/12  | 12 Divider Transfer function.png               | 14   |
| 12028 | 04/12/12  | 13 Divider Transfer function.png               | 9    |
| 12029 | 04/12/12  | 14 Phase detectors.png                         | 20   |
| 12030 | 04/12/12  | 15 Mixer type detectors.png                    | 16   |
| 12031 | 04/12/12  | 16 Sampling phase detectors.png                | 11   |
| 12032 | 04/12/12  | 17 Sampling phase detectors.png                | 17   |
| 12033 | 04/12/12  | 18 Sampling phase detectors.png                | 22   |
| 12034 | 04/12/12  | 19 Sampling phase detectors.png                | 19   |
| 12035 | 04/12/12  | 20 Sampling phase detector.png                 | 23   |
| 12036 | 04/12/12  | 21 Exclusive-OR type phase detectors.png       | 11   |
| 12037 | 04/12/12  | 22 Exclusive-OR type phase detectors.png       | 12   |
| 12038 | 04/12/12  | 23 Exclusive-OR type phase detectors.png       | 12   |



|       |          |   |    |
|-------|----------|---|----|
| 12039 | 04/12/12 | 24 Exclusive-OR type phase detectors.png                      | 12 |
| 12040 | 04/12/12 | 25 Exclusive-OR type phase detectors.png                      | 13 |
| 12041 | 04/12/12 | 26 Digital tri state phase detectors.png                      | 8  |
| 12042 | 04/12/12 | 27 Digital tri state phase detectors.png                      | 18 |
| 12043 | 04/12/12 | 28 Digital tri state phase detectors.png                      | 11 |
| 12044 | 04/12/12 | 29 Digital tri state phase detectors.png                      | 11 |
| 12045 | 04/12/12 | 30 Tri state phase-frequency detectors.png                    | 15 |
| 12046 | 04/12/12 | 31 Phase detector characteristics.png                         | 24 |
| 12047 | 04/12/12 | 32 Transfer Function Summary.png                              | 41 |
| 12048 | 03/12/12 | 33 Review of Feedback Principles.png                          | 17 |
| 12049 | 03/12/12 | 34 Feedback Explained.png                                     | 24 |
| 12050 | 03/12/12 | 35 Feedback explained.png                                     | 10 |
| 12051 | 03/12/12 | 36 Stability analysis.png                                     | 23 |
| 12052 | 04/12/12 | 37 Bode analysis.png  | 9  |
| 12053 | 03/12/12 | 38 Bode analysis.png  | 14 |
| 12054 | 03/12/12 | 39 Gain and Phase margins.png                                 | 26 |
| 12055 | 04/12/12 | 40 Gain and Phase margin.png                                  | 35 |
| 12056 | 04/12/12 | 41 Loop filter configuration.png                              | 29 |
| 12057 | 04/12/12 | 42 Loop filter types.png                                      | 17 |
| 12058 | 04/12/12 | 43 Type 1 Second order loops.png                              | 14 |
| 12059 | 04/12/12 | 44 Lag - Lead network.png                                     | 11 |
| 12060 | 04/12/12 | 45 Open loop gain Second order loops.png                      | 11 |
| 12061 | 04/12/12 | 46 Open loop gain type1 2nd order loops.png                   | 11 |
| 12062 | 04/12/12 | 47 Type1 2ns order - Overall response.png                     | 12 |
| 12063 | 04/12/12 | 48 Closed loop transfer function.png                          | 15 |
| 12064 | 04/12/12 | 49 Closed loop transfer function.png                          | 23 |
| 12065 | 04/12/12 | 50 Closed loop transfer function.png                          | 17 |
| 12066 | 04/12/12 | 51 Closed loop transfer function.png                          | 22 |
| 12067 | 04/12/12 | 52 Phase margin & dampinf factor for type1 2nd order loop.png | 21 |
| 12068 | 04/12/12 | 53 Type1 2nd order loops.png                                  | 14 |
| 12069 | 04/12/12 | 54 Type2 2nd order loops.png                                  | 18 |
| 12070 | 04/12/12 | 55 Type2 2nd order loops.png                                  | 9  |
| 12071 | 04/12/12 | 56 Type2 2nd order loops.png                                  | 9  |
| 12072 | 04/12/12 | 57 Type2 2nd order loops.png                                  | 10 |
| 12073 | 04/12/12 | 58 Type2 2nd order loop response.png                          | 33 |

|       |  |  |      |
|-------|--|--|------|
| 12074 | 04/12/12   | 58 Type2 3rd order loops.png                               | 26   |
| 12075 | 04/12/12   | 60 Type2 3rd order loops.png                               | 14   |
| 12076 | 04/12/12   | 61 Type2 3rd order loops.png                               | 9    |
| 12077 | 04/12/12   | 62 Type2 3rd order loops.png                               | 9    |
| 12078 | 04/12/12   | 63 Type2 3rd open loop response.png                        | 37   |
| 12079 | 04/12/12   | 64 Closed loop transfer function.png                       | 17   |
| 12080 | 04/12/12   | 65 Type2 3rd order loops.png                               | 13   |
| 12081 | 04/12/12   | 66 Type2 3rd order loops.png                               | 18   |
| 12082 | 04/12/12   | 67 Type2 3rd order loops.png                               | 12   |
| 12083 | 04/12/12   | 68 Type2 3rd order loops.png                               | 17   |
| 12084 | 04/12/12   | 69 Type2 3rd order loops.png                               | 8    |
| 12085 | 04/12/12   | 70 Type2 3rd order loops.png                               | 8    |
| 12086 | 04/12/12   | 71 Type2 3rd order loops.png                               | 5    |
| 12087 | 04/12/12   | 72 Damping factor & phase margin Type2 3rd order loops.png | 23   |
| 12088 | 04/12/12   | 73 Type2 3rd order loop response.png                       | 27   |
| 12089 | 04/12/12   | 74 Conclusions.png   | 25   |
| 12090 | 03/12/12   | Design of Phase Locked Loops.pdf                           | 120  |
| 12091 | 03/12/12   | PLL Design concept.pdf                                     | 44   |
| 12092 | <b>Intégrité du signal (SI)\Bruits analogiques ou numériques</b> |  |      |
| 12093 | 23/01/14   | AN-358 Noise of Op Amp Circuits.pdf                        | 549  |
| 12094 | 20/10/15   | Delay Variations in CMOS due to Power Supply Noise.pdf     | 323  |
| 12095 | 14/10/13   | Distortion analysis of nonlinear analog circuits.pdf       | 275  |
| 12096 | 05/02/13   | How to pick a linear regulator.pdf                         | 189  |
| 12097 | 22/11/12   | Le bruit en électronique.pdf                               | 2738 |
| 12098 | 18/08/09   | Logic Circuits Noise Margin Analysis.pdf                   | 342  |
| 12099 | 18/08/09   | Logic Noise Margin Analysis.pdf                            | 180  |
| 12100 | 17/01/14   | Low-noise Voltage Reference Filter.pdf                     | 63   |
| 12101 | 06/02/13   | Noise measurements using an oscilloscope.pdf               | 1187 |
| 12102 | 28/11/10   | Noise of short-time integrators.pdf                        | 110  |
| 12103 | 06/09/07   | Noise Reduction Guidelines.pdf                             | 230  |
| 12104 | 11/01/08   | Noises on CMOS on Feedback Op Amps.pdf                     | 181  |
| 12105 | 23/01/14   | Op Amp Noise with Spreadsheet.pdf                          | 78   |
| 12106 | 12/01/14   | PS Noise Effects on an A-D Converter.pdf                   | 818  |
| 12107 | 12/10/09   | Simultaneous Switching Noise Coupling.pdf                  | 715  |
| 12108 | 16/10/14   | SS Noise Patterns for Different Topologies.pdf             | 463  |

|       |  |  |      |
|-------|--|--|------|
| 12109 | 11/11/13   | Switching in High Data-Rate Packages.pdf         | 1902 |
| 12110 | 22/11/12   | Théorie du bruit en électronique.pdf             | 161  |
| 12111 | 22/11/12   | Traitement de signaux bruités.pdf                | 248  |
| 12112 | <b>Intégrité du signal (SI)\Circuits imprimés, bus rapides et vias</b> |  |      |
| 12113 | 28/01/12   | Advanced backplane 2003.pdf                      | 2189 |
| 12114 | 28/01/12   | Advanced backplane 2005.pdf                      | 1409 |
| 12115 | 28/01/12   | Advanced backplane 2006.pdf                      | 2188 |
| 12116 | 28/01/12   | Advanced backplane 2007.pdf                      | 742  |
| 12117 | 28/01/12   | Advanced backplane 2008.pdf                      | 523  |
| 12118 | 28/01/12   | Advanced backplane 2010.pdf                      | 1411 |
| 12119 | 28/01/12   | Advances in SMT Backplane Connectors 2006.pdf    | 925  |
| 12120 | 26/03/14   | Analysis of Complex-Layout Traces.pdf            | 775  |
| 12121 | 01/12/08   | Backplanes & Modular Electronics-2.pdf           | 350  |
| 12122 | 17/11/13   | Characterization of Laminate Dielectrics.pdf     | 1062 |
| 12123 | 09/10/14   | Checking PCB design for PI & SI issues.pdf       | 756  |
| 12124 | 11/05/15   | Conductor Surface Roughness Profiles in PCBs.pdf | 629  |
| 12125 | 25/05/12   | Crosstalk Among Vias in Multilayer PCBs.pdf      | 431  |
| 12126 | 15/02/11   | DC Blocking Via Structure.pdf                    | 393  |
| 12127 | 22/03/09   | Design of Gigabit Backplanes.pdf                 | 1031 |
| 12128 | 31/08/12   | Dielectric properties N6800-22.pdf               | 41   |
| 12129 | 04/12/04   | Dispersive Transmission Line.pdf                 | 362  |
| 12130 | 09/11/13   | EBG Application to Multilayer PCB.pdf            | 370  |
| 12131 | 26/02/16   | Effect of conductor profile structure.pdf        | 1721 |
| 12132 | 14/04/15   | Effect of Vias Drilling Uncertainty.pdf          | 175  |
| 12133 | 20/11/14   | Effective Roughness Dielectric in a PCB.pdf      | 858  |
| 12134 | 03/10/14   | Effects of Surface Finish on HF Signal Loss.pdf  | 553  |
| 12135 | 09/10/12   | EM Emission from Coated PCBs.pdf                 | 378  |
| 12136 | 24/07/15   | EMI and Signal Integrity in PCB Design.pdf       | 182  |
| 12137 | 27/06/14   | Empirical Emission Eigenmodes of PCBs.pdf        | 2597 |
| 12138 | 20/10/15   | Energy-Aware SI for High-Speed PCB Links.pdf     | 1385 |
| 12139 | 11/01/14   | Expression for the Via-Plate Capacitance.pdf     | 92   |
| 12140 | 20/10/15   | Extraction of IC Noise Models Above 1 GHz.pdf    | 670  |
| 12141 | 17/07/12   | Fast Switched Backplane.pdf                      | 136  |
| 12142 | 17/10/14   | Glass-Weave Effects on Interconnects in PCBs.pdf | 985  |
| 12143 | 14/09/02   | High Speed PCB.pdf                               | 85   |

|       |          |   |      |
|-------|----------|---|------|
| 12144 | 23/01/14 | High-Speed PCB Layout.pdf                                       | 157  |
| 12145 | 14/11/04 | High-Speed Simulation of PCB.pdf                                | 214  |
| 12146 | 29/11/13 | Hybrid PCB Stackup.pdf  | 967  |
| 12147 | 28/01/12 | Impact of PCB Laminate Weave on SI 2005.pdf                     | 1409 |
| 12148 | 28/11/11 | IPC-2141A_2004 High-Speed Z Circuit Boards.pdf                  | 629  |
| 12149 | 21/11/14 | Main Cause of EMI problems on Multi-layer PCBs.pdf              | 2012 |
| 12150 | 11/11/13 | Managing Return Path Discontinuities.pdf                        | 4778 |
| 12151 | 24/06/03 | Microstrip and Stripline.pdf                                    | 99   |
| 12152 | 13/04/15 | Microstrip Improvement by Using Dielectric Film.pdf             | 349  |
| 12153 | 20/07/15 | Microstrip vs Coplanar Waveguide.pdf                            | 571  |
| 12154 | 17/10/12 | Mixed-Signal PCB Design.pdf                                     | 2550 |
| 12155 | 25/05/12 | Mode Conversion for Microstrip to Stripline Transitions.pdf     | 601  |
| 12156 | 26/02/16 | Modeling of Multilayer PCBs using Stripline Ports.pdf           | 968  |
| 12157 | 02/12/07 | Multi-Gigabit over Backplane.pdf                                | 737  |
| 12158 | 02/12/07 | Multi-Gigabit Plated Through Hole Vias.pdf                      | 337  |
| 12159 | 20/08/09 | Multi-Layer Differential Vias.pdf                               | 287  |
| 12160 | 25/05/12 | Multiple Scattering Method for Via Structures.pdf               | 646  |
| 12161 | 13/10/14 | Multiple Vias with a Shared Anti-pad.pdf                        | 2819 |
| 12162 | 31/08/12 | NELCO Materials Selector Guide.pdf                              | 120  |
| 12163 | 02/10/14 | Nombreuses couches et condensateurs enterrés.pdf                | 5922 |
| 12164 | 13/10/14 | Optimization of Microstrip-to-Via Transition.pdf                | 644  |
| 12165 | 24/02/09 | Parasitic Modes on PCB & EMC Effects.pdf                        | 682  |
| 12166 | 20/07/15 | PCB Fabrication Influences on Microwave Performance.pdf         | 480  |
| 12167 | 02/05/15 | PCB Layout Guidelines for BGAs.pdf                              | 1042 |
| 12168 | 20/12/04 | PCB Signaling Channel Loss.pdf                                  | 342  |
| 12169 | 24/02/11 | PCB Traces with Periodic Roughness.pdf                          | 215  |
| 12170 | 25/02/04 | PCB twisted structure.pdf                                       | 412  |
| 12171 | 20/11/14 | PCB Via to Trace Return Loss Optimization.pdf                   | 1281 |
| 12172 | 28/11/13 | Performance of 1m Improved FR4 Channel.pdf                      | 1415 |
| 12173 | 17/04/13 | Placement & Routing of Complex PCBs.pdf                         | 9102 |
| 12174 | 09/10/14 | Post-layout PCB Check and Simulations for SI.pdf                | 835  |
| 12175 | 20/11/14 | Proximity Effects Between Striplines and Vias.pdf               | 418  |
| 12176 | 28/01/12 | PTFE at High Data Rates 2003.pdf                                | 884  |
| 12177 | 17/04/13 | Resources for PCB Designers.pdf                                 | 1801 |
| 12178 | 17/10/14 | Return Current Paths of Signal Vias in Interposers and PCBs.pdf | 956  |

|       |   |  |      |
|-------|---|--|------|
| 12179 | 10/01/11  | Return Path Discontinuities in multilayer PCBs.pdf   | 489  |
| 12180 | 06/05/14  | Return Path, Impedance, and Stub Effect Control.pdf  | 2118 |
| 12181 | 24/11/13  | Return Via Locations in Connector Pin Fields.pdf     | 425  |
| 12182 | 25/05/12  | Rough Conductor Losses in PCBs.pdf                   | 1274 |
| 12183 | 23/12/15  | Serpentine Delay Line Using Timing-Offset Signal.pdf | 739  |
| 12184 | 26/08/08  | SI Analysis of a 26 Layers Board.pdf                 | 491  |
| 12185 | 28/01/12  | SI Measurement at High Data Rates.pdf                | 1111 |
| 12186 | 13/10/14  | SI of Multiple Vias Sharing an Anti-Pad.pdf          | 322  |
| 12187 | 12/01/14  | SI-Aware Vias and Contact Pads Layouts.pdf           | 645  |
| 12188 | 28/01/12  | Sim for 6+ Gbps Serial Links 2010.pdf                | 484  |
| 12189 | 25/05/12  | Simple PCB Interconnect Model.pdf                    | 549  |
| 12190 | 21/11/12  | Simulation of Dense Via Arrays.pdf                   | 347  |
| 12191 | 01/10/12  | SPICE-Model for Striplines with Cavity Effect.pdf    | 984  |
| 12192 | 26/09/10  | SSNoise Coupling in Multilayer PCB.pdf               | 752  |
| 12193 | 02/10/14  | Surface Finish Effects on High-Speed Signal.pdf      | 419  |
| 12194 | 15/02/11  | Terabit Per Second Switch Linecard.pdf               | 566  |
| 12195 | 26/09/11  | Transition Structure Optimization for 16 Gbps.pdf    | 574  |
| 12196 | 25/05/10  | Uncontrolled Return Currents of Vias.pdf             | 1279 |
| 12197 | 13/10/14  | Unintended Effects of Asymmetric Return Vias.pdf     | 385  |
| 12198 | 13/01/14  | Via Coupling within Parallel Planes.pdf              | 305  |
| 12199 | 06/09/11  | Via Impedance Variations with a Chaos Method.pdf     | 800  |
| 12200 | 24/02/11  | Via Impedance Variations.pdf                         | 3497 |
| 12201 | 06/05/14  | Via Modeling - Integration of Striplines.pdf         | 1165 |
| 12202 | 21/11/12  | Via Structures in Multilayer PCBs.pdf                | 822  |
| 12203 | 20/10/15  | Via-Plate Capacitance in Multilayer Structures.pdf   | 891  |
| 12204 | 21/11/12  | Via-Plate Capacitance in Multiple-Layer PCBs.pdf     | 396  |
| 12205 | 09/02/11  | Vias Connected to Striplines in Multilayer PCB.pdf   | 243  |
| 12206 | 13/04/15  | Vias Passing Through a Parallel Plate Pair.pdf       | 383  |
| 12207 | <b>Intégrité du signal (SI)\Détection synchrone</b>         |  |      |
| 12208 | 23/06/14  | Bruit dans les mesures électriques.pdf               | 314  |
| 12209 | 14/11/12  | Détection synchrone SR830.pdf                        | 1249 |
| 12210 | 22/11/12  | Détection synchrone.pdf                              | 743  |
| 12211 | 23/06/14  | Le bruit en électronique.pdf                         | 2738 |
| 12212 | 07/12/13  | Traitement des signaux.pdf                           | 923  |
| 12213 | <b>Intégrité du signal (SI)\Diaphonie et champs proches</b> |  |      |

|       |          |  |      |
|-------|----------|--|------|
| 12214 | 19/11/13 | Analysis of a New Noise Coupling.pdf                     | 1068 |
| 12215 | 12/11/08 | BGA Crosstalk.pdf  | 344  |
| 12216 | 03/08/12 | Copper Cables Beyond Category 5.pdf                      | 170  |
| 12217 | 16/10/12 | Coupled Microstrip Line with a Top Cover.pdf             | 149  |
| 12218 | 21/08/15 | Crosstalk Analysis in Coupled Graphene Nanoribbons.pdf   | 821  |
| 12219 | 12/01/14 | Crosstalk Between Two Nonparallel Striplines.pdf         | 615  |
| 12220 | 01/09/12 | Crosstalk in a Ethernet Connector.pdf                    | 1479 |
| 12221 | 16/05/14 | Crosstalk in Coupled Microstrip Lines.pdf                | 434  |
| 12222 | 02/09/12 | Crosstalk in High Speed PCB.pdf                          | 532  |
| 12223 | 01/09/12 | Crosstalk in PCB Including Process Variation.pdf         | 159  |
| 12224 | 15/02/13 | Crosstalk in Through Silicon Vias.pdf                    | 340  |
| 12225 | 26/03/15 | Crosstalk in Transmission Lines on a PCB.pdf             | 406  |
| 12226 | 26/03/15 | Crosstalk in Vertical Path of differential Links.pdf     | 684  |
| 12227 | 26/03/15 | Crosstalk Management Techniques.pdf                      | 620  |
| 12228 | 23/12/15 | Crosstalk of Periodic-Coupled Routing on Eye Opening.pdf | 1231 |
| 12229 | 03/09/12 | Crosstalk on PCB.pdf                                     | 415  |
| 12230 | 16/10/14 | Crosstalk Study of Multi-Chip Package.pdf                | 796  |
| 12231 | 26/09/10 | Delay and Crosstalk in High-Speed Interco.pdf            | 525  |
| 12232 | 09/10/12 | Differential Far-End Crosstalk Cancellation.pdf          | 320  |
| 12233 | 13/04/15 | Dual stripline design for single ended signaling.pdf     | 387  |
| 12234 | 18/11/13 | Dual Stripline with Parallel and Angled Routing.pdf      | 1130 |
| 12235 | 18/11/13 | EMI Shielding in Wireless Power Transfer.pdf             | 318  |
| 12236 | 01/09/12 | Enhanced Microstrip Guard Trace.pdf                      | 406  |
| 12237 | 01/09/12 | Equalization and NEXT Cancellation.pdf                   | 2392 |
| 12238 | 23/12/15 | FDTD Model for Crosstalk Analysis + Correctif.pdf        | 674  |
| 12239 | 26/03/15 | Fundamentals of Crosstalk.pdf                            | 591  |
| 12240 | 19/06/15 | Guard Trace Ring to Suppress Crosstalk 2.pdf             | 1013 |
| 12241 | 17/10/14 | Guard Trace Ring to Suppress Crosstalk.pdf               | 1192 |
| 12242 | 01/09/12 | Guard Traces.pdf   | 1223 |
| 12243 | 11/11/13 | High-Speed Crosstalk management.pdf                      | 872  |
| 12244 | 13/10/14 | High-speed Differential I-O Crosstalk.pdf                | 829  |
| 12245 | 23/12/15 | Impact of FEXT on Eye Margin for Coupled Lines.pdf       | 1155 |
| 12246 | 26/09/11 | Impedance Optimization for Serial IOs.pdf                | 464  |
| 12247 | 04/03/13 | Influence of the Trapezoidal Cross-Section.pdf           | 1134 |
| 12248 | 18/11/13 | Inter-layer Crosstalk Management.pdf                     | 903  |

|       |  |   |       |
|-------|--|---|-------|
| 12249 | 26/03/15   | Inter-layer Crosstalk Management-2.pdf                          | 558   |
| 12250 | 13/04/15   | ISI and Crosstalk challenges in FPGA memory.pdf                 | 626   |
| 12251 | 19/12/14   | Modeling Near-Field Coupling With PCB Traces.pdf                | 497   |
| 12252 | 20/11/14   | NEXT and FEXT Characteristics and Suppressions.pdf              | 1039  |
| 12253 | 21/08/13   | NEXT and FEXT in Twisted Wire Pair Bundles.pdf                  | 378   |
| 12254 | 04/03/13   | Noise Coupling from Signaling to Power Trace.pdf                | 278   |
| 12255 | 18/05/13   | Noise Reduction by Guard Traces.pdf                             | 1527  |
| 12256 | 09/02/11   | Off-Phase Crosstalk for High-Speed Buses.pdf                    | 391   |
| 12257 | 02/09/12   | PCB Crosstalk Fundamentals.pdf                                  | 4435  |
| 12258 | 19/11/13   | Principle for Differential Crosstalk Cancellation.pdf           | 763   |
| 12259 | 08/10/12   | RF Crosstalk Analysis by Equivalent Circuits.pdf                | 186   |
| 12260 | 02/09/12   | Simulating Crosstalk Effects.pdf                                | 516   |
| 12261 | 03/09/12   | To interleave or not to interleave.pdf                          | 440   |
| 12262 | 13/11/04   | Transfer Functions & Signal Integrity.pdf                       | 156   |
| 12263 | 02/09/12   | Understanding Forward vs Backward.pdf                           | 95    |
| 12264 | 20/08/15   | Worst-Case Estimation of Crosstalk Inside a Cable Connector.pdf | 367   |
| 12265 | <b>Intégrité du signal (SI)\Documentation de logiciels</b> |   |       |
| 12266 | 31/08/12   | A Short SPICE Tutorial.pdf                                      | 169   |
| 12267 | 07/06/12   | AN1111 Introduction to IBIS.pdf                                 | 96    |
| 12268 | 04/06/12   | IBIS Modeling Cookbook V4.pdf                                   | 519   |
| 12269 | 06/06/12   | IBIS Support_03.pdf   | 204   |
| 12270 | 29/05/12   | IC immunity modeling v5.pdf                                     | 3780  |
| 12271 | 02/06/12   | IC-EMC a Demonstration Freeware.pdf                             | 357   |
| 12272 | 29/05/12   | IC-EMC demonstration freeware.pdf                               | 615   |
| 12273 | 13/10/11   | IC-EMC Manual 2v5.pdf   | 13868 |
| 12274 | 31/05/12   | IcemManual_AddCaseStudy_BCI_v3.pdf                              | 733   |
| 12275 | 04/06/12   | Star-Hspice.pdf   | 4532  |
| 12276 | 31/08/12   | Transmission Line in PSpice.pdf                                 | 343   |
| 12277 | 15/09/12   | Using Texas Instruments Spice Models.pdf                        | 311   |
| 12278 | <b>Intégrité du signal (SI)\Effet de peau et rugosité</b>  |   |       |
| 12279 | 14/02/12   | Modeling Skin Effect in SPICE.pdf                               | 87    |
| 12280 | 14/10/12   | PCB Conductor Surface Roughness.pdf                             | 532   |
| 12281 | 14/02/12   | SPICE Skin Effect Modelling.pdf                                 | 54    |
| 12282 | 14/10/12   | Surface Roughness Detection from PCB Images.pdf                 | 420   |
| 12283 | 14/02/12   | Transmission Line Applications In PSpice.pdf                    | 398   |

|       |  |   |      |
|-------|--|---|------|
| 12284 | 14/02/12   | transmissionlines.pdf   | 197  |
| 12285 | 14/02/12   | Using Transmission Lines.pdf  | 479  |
| 12286 | <b>Intégrité du signal (SI)\Egalisation</b>              |   |      |
| 12287 | 14/05/12   | 2.5 to 3.5 Gb-s Adaptive FIR Equalizer.pdf                            | 2286 |
| 12288 | 16/04/15   | Equalization of a Differential Channel with Re-driver & Screening.pdf | 269  |
| 12289 | 28/11/13   | Equalization of Degraded Signals.pdf                                  | 507  |
| 12290 | 14/05/12   | GIGABIT Feed Forward Equalizer.pdf                                    | 1832 |
| 12291 | 22/05/15   | Linear Equalization for Multi-Gigabit.pdf                             | 236  |
| 12292 | 17/07/15   | Linear Equalization in Multi-gigabit.pdf                              | 234  |
| 12293 | 15/05/12   | Pulsewidth Modulation Pre-Emphasis (PWM-PE).pdf                       | 1282 |
| 12294 | 14/05/12   | Sampling Receive Equalizer Up to 10 Gbit-S.pdf                        | 312  |
| 12295 | 25/05/10   | Wideband Passive Equalizer on PCB.pdf                                 | 816  |
| 12296 | <b>Intégrité du signal (SI)\Embedding - De-embedding</b> |   |      |
| 12297 | 20/11/14   | Automatic Fixture Removal (AFR) for Asymmetric De-embedding.pdf       | 556  |
| 12298 | 29/01/13   | De-embedding Errors due to Test Fixture.pdf                           | 663  |
| 12299 | 19/11/14   | De-Embedding Method for an O-Shape Spring Contact.pdf                 | 682  |
| 12300 | 17/11/13   | De-embedding Techniques for Transmission Lines-1.pdf                  | 949  |
| 12301 | 10/11/14   | De-embedding Techniques for Transmission Lines-2.pdf                  | 680  |
| 12302 | 11/09/05   | Port Influence in Transmission Line.pdf                               | 232  |
| 12303 | 17/10/14   | Practical De-embedding Solution for PoP Devices.pdf                   | 872  |
| 12304 | 20/08/15   | TD Channel (TCC) for Asymmetry Fixture De-Embedding.pdf               | 908  |
| 12305 | 16/04/15   | TRL Calibration vs. 2x Thru De-embedding Methods.pdf                  | 785  |
| 12306 | <b>Intégrité du signal (SI)\Emission rayonnée</b>        |   |      |
| 12307 | 02/03/09   | Effect of Logic Family on RF Emissions.pdf                            | 187  |
| 12308 | 28/10/08   | EMI Mitigation on ASIC IC Package.pdf                                 | 247  |
| 12309 | 16/04/15   | Gbps USB- RFI Risk Analysis.pdf                                       | 436  |
| 12310 | 02/06/12   | IBIS and ICEM - Bob Ross.PDF  | 78   |
| 12311 | 02/06/12   | IBIS Present and Future.pdf   | 136  |
| 12312 | 19/08/09   | Parasitic Emission of a Microcontroller.pdf                           | 298  |
| 12313 | 31/12/14   | Prediction of Transmission Line Radiated Emissions.pdf                | 512  |
| 12314 | 21/08/13   | Radiation From PCB High-Density Connector.pdf                         | 597  |
| 12315 | 11/10/13   | Skew and Rise Time-Fall Time Asymmetry.pdf                            | 362  |
| 12316 | 02/06/12   | Thèse Yolanda VIVES GILABERT.pdf                                      | 1892 |
| 12317 | 16/04/15   | USB3.0 RFI Impact on 2.4GHz Wireless Devices.pdf                      | 846  |
| 12318 | <b>Intégrité du signal (SI)\Encodages et modulations</b> |   |      |



|       |          |  |      |
|-------|----------|--|------|
| 12319 | 08/02/09 | 10 Gigabit Ethernet Over UTP.pdf                     | 654  |
| 12320 | 01/12/07 | 1000BaseT Random Noise Tolerance.pdf                 | 436  |
| 12321 | 11/09/10 | 10GBASE-T Category 6A Cabling.pdf                    | 339  |
| 12322 | 25/08/07 | 10GBASE-T Line Signaling.pdf                         | 1104 |
| 12323 | 08/02/09 | 10GBASE-T PHY Bandwidth.pdf                          | 192  |
| 12324 | 08/02/09 | 10GBASE-T Physical Layer Specs.pdf                   | 84   |
| 12325 | 31/12/02 | 10GBASE-T Requirements.pdf                           | 59   |
| 12326 | 03/10/07 | 10GBASE-T Signaling.pdf                              | 104  |
| 12327 | 08/02/09 | 10GBASE-T Tutorial Overview.pdf                      | 570  |
| 12328 | 02/05/09 | 11801-corrigendum.pdf                                | 34   |
| 12329 | 04/12/08 | 50173-1_2007 Generic cabling.pdf                     | 640  |
| 12330 | 26/08/07 | 50173-4_2007 Homes Cabling.pdf                       | 344  |
| 12331 | 26/08/07 | 50290-4-2_2006 Cable Guide.pdf                       | 225  |
| 12332 | 08/02/09 | Alien Crosstalk Measurements.pdf                     | 188  |
| 12333 | 25/08/07 | Bandwidth For 10GBASE-T.pdf                          | 192  |
| 12334 | 23/12/02 | Behavioral Model of Transmission Line.pdf            | 114  |
| 12335 | 08/02/09 | Category 5 or Better Cabling.pdf                     | 142  |
| 12336 | 08/02/09 | Category 7 Definition.pdf                            | 493  |
| 12337 | 28/11/13 | Comparison of PAM-4 and PAM-2.pdf                    | 463  |
| 12338 | 26/06/12 | Comparison RapidIO and 10Gigabit Ethernet.pdf        | 299  |
| 12339 | 07/02/09 | EMP & the Radio Amateur.pdf                          | 1922 |
| 12340 | 28/11/13 | Encoding Schemes in Backplane Channel at 25Gbps+.pdf | 645  |
| 12341 | 08/03/09 | Ethernet Cable Specifications.pdf                    | 222  |
| 12342 | 09/07/08 | Ethernet Cables & Connectors.pdf                     | 1043 |
| 12343 | 30/06/07 | Ethernet et bus de terrain.pdf                       | 603  |
| 12344 | 26/08/07 | Ethernet Media in Noisy Environment.pdf              | 345  |
| 12345 | 13/05/08 | Ethernet-IP & Industrial Connectivity.pdf            | 320  |
| 12346 | 03/10/07 | EtherNet-IP Manual.pdf                               | 1367 |
| 12347 | 14/10/09 | Gigabit Ethernet & Spectrum Category 5.pdf           | 158  |
| 12348 | 01/02/10 | IAONA Industria Ethernet Installation Guide.pdf      | 759  |
| 12349 | 31/12/02 | IEEE 802.3 10GBASE-T.pdf                             | 47   |
| 12350 | 08/02/09 | Industrial Ethernet Components.pdf                   | 1044 |
| 12351 | 26/08/07 | Industrial Ethernet Standards.pdf                    | 124  |
| 12352 | 05/01/03 | Installed Cabling.pdf                                | 93   |
| 12353 | 08/02/09 | Line Code Options for 10GBASE-T.pdf                  | 98   |

|       |  |  |      |
|-------|--|--|------|
| 12354 | 14/11/12   | Modulation - Démodulation.pdf                | 1121 |
| 12355 | 29/11/07   | Noise tolerance of 1000Base-T.pdf            | 614  |
| 12356 | 14/10/09   | Normes et conventions Ethernet.pdf           | 652  |
| 12357 | 16/10/12   | NRZ PAM-M or Duobinary Coding.pdf            | 521  |
| 12358 | 26/06/12   | OpenVPX System Bandwidth.pdf                 | 306  |
| 12359 | 25/08/07   | Options for 10GBASE-T.pdf                    | 99   |
| 12360 | 25/08/07   | PAM10 IEEE 802.3 10GBASE-T.pdf.pdf           | 102  |
| 12361 | 08/02/09   | Performance Results For PAM10.pdf            | 51   |
| 12362 | 14/12/09   | Pertes des cables Ethernet.pdf               | 812  |
| 12363 | 08/01/09   | Pr11801 Customer Premises.pdf                | 1747 |
| 12364 | 25/08/07   | Pr50173-3_2007 Industrial Premises.pdf       | 230  |
| 12365 | 09/07/08   | Pr50173-5_2006 Data Centres.pdf              | 191  |
| 12366 | 31/12/02   | UTP Category 3-6.pdf                         | 47   |
| 12367 | 10/06/11   | Whitepaper UTP - STP Study.pdf               | 1506 |
| 12368 | <b>Intégrité du signal (SI)\Exemples LTspice\Alim capacitive</b> |  |      |
| 12369 | 02/08/13   | Alim capa mono -8V 10mA neutre commun.asc    | 3    |
| 12370 | 01/08/13   | Alim capa mono 8V 10mA.asc                   | 3    |
| 12371 | 02/08/13   | Alim capa mono double alternance 8V 20mA.asc | 4    |
| 12372 | 02/08/13   | Alim capa mono neutre commun 8V 10mA.asc     | 3    |
| 12373 | 02/10/13   | Alim capa tri 15V 8mA.asc                    | 5    |
| 12374 | 01/08/13   | Alim capa tri 32V 5mA.asc                    | 5    |
| 12375 | 01/08/13   | Alim capa tri 6V 2mA.asc                     | 5    |
| 12376 | 01/08/13   | Alim capa tri 8V 10mA.asc                    | 5    |
| 12377 | 02/08/13   | Alim capa tri 8V 15mA.asc                    | 5    |
| 12378 | 02/08/13   | Double alim capa aéro 32V 100mA.asc          | 3    |
| 12379 | <b>Intégrité du signal (SI)\Exemples LTspice\Allumage opto</b>   |  |      |
| 12380 | 30/07/13   | CNY17 antiparasité.asc                       | 2    |
| 12381 | 11/09/13   | CNY17 sinus.asc                              | 2    |
| 12382 | 01/11/13   | CNY17.asc                                    | 2    |
| 12383 | 02/11/13   | PC817A (base non sortie).asc                 | 1    |
| 12384 | <b>Intégrité du signal (SI)\Exemples LTspice\Captures ecran</b>  |  |      |
| 12385 | 15/03/10   | 2010-03-15_223756.png                        | 20   |
| 12386 | 15/03/10   | 2010-03-15_224042.png                        | 17   |
| 12387 | 16/03/10   | 2010-03-15_231136.png                        | 31   |
| 12388 | 16/03/10   | 2010-03-16_004046.png                        | 32   |

|       |          |   |    |
|-------|----------|---|----|
| 12389 | 17/08/10 | 2010-08-17_100909 ligne1.png                          | 53 |
| 12390 | 17/08/10 | 2010-08-17_100909 Transmission ligne inverter V1.png  | 63 |
| 12391 | 17/08/10 | 2010-08-17_104500 Transmission ligne inverter V2.png  | 64 |
| 12392 | 17/08/10 | 2010-08-17_110443 Transmission line V2 courants.png   | 29 |
| 12393 | 17/08/10 | 2010-08-17_111446 Transmission Line V3.png            | 59 |
| 12394 | 17/08/10 | 2010-08-17_111959 Transmission line inverter V3 1.png | 30 |
| 12395 | 17/08/10 | 2010-08-17_113330 Transmission line inverter V3 2.png | 62 |
| 12396 | 17/08/10 | 2010-08-17_115423 Transmission line V3 3.png          | 63 |
| 12397 | 17/08/10 | 2010-08-17_121047 Transmission line inverter V4 1.png | 81 |
| 12398 | 17/08/10 | 2010-08-17_121614 transmission line inverter V4 2.png | 62 |
| 12399 | 17/08/10 | 2010-08-17_122207 transmission line inverter V4.png   | 48 |
| 12400 | 17/08/10 | 2010-08-17_123948 transmission line inverter V4 4.png | 51 |
| 12401 | 17/08/10 | 2010-08-17_125001 transmission line inverter V5 1.png | 53 |
| 12402 | 17/08/10 | 2010-08-17_125001 transmission line V5 1.png          | 54 |
| 12403 | 17/08/10 | 2010-08-17_153048 diaphonie connecteur V1.png         | 50 |
| 12404 | 17/08/10 | 2010-08-17_161437 Diaphonie connecteurs V2.png        | 53 |
| 12405 | 17/08/10 | 2010-08-17_170403 diaphonie connecteurs V4 1.png      | 49 |
| 12406 | 17/08/10 | 2010-08-17_172042 Diaphonie connecteur V3 1.png       | 52 |
| 12407 | 17/08/10 | 2010-08-17_193231 diaphonie connecteur V5.png         | 60 |
| 12408 | 17/08/10 | 2010-08-17_195757 diaphonie connecteur V6.png         | 59 |
| 12409 | 17/08/10 | 2010-08-17_200827 diaphonie connecteur V7.png         | 72 |
| 12410 | 17/08/10 | 2010-08-17_201757 diaphonie connecteur V8.png         | 60 |
| 12411 | 17/08/10 | 2010-08-17_203533 diaphonie connecteur V9.png         | 45 |
| 12412 | 17/08/10 | 2010-08-17_205107 diaphonie capacitive V10.png        | 54 |
| 12413 | 17/08/10 | 2010-08-17_235813 transmission line inverter V6 1.png | 62 |
| 12414 | 18/08/10 | 2010-08-18_000829 Transmission line inverter V7 1.png | 57 |
| 12415 | 18/08/10 | 2010-08-18_003046 transmission line inverter V8 2.png | 66 |
| 12416 | 18/08/10 | 2010-08-18_004335 V9 1.png                            | 63 |
| 12417 | 18/08/10 | 2010-08-18_005355 trnsmissions line inverter V9 2.png | 60 |
| 12418 | 18/08/10 | 2010-08-18_021511 réponses desadaptations V1 1.png    | 60 |
| 12419 | 18/08/10 | 2010-08-18_022331 réponse desadaptations V2 1.png     | 59 |
| 12420 | 18/08/10 | 2010-08-18_202754 ligne retard 3.png                  | 41 |
| 12421 | 19/08/10 | 2010-08-19_110504 Bruitalim V1.png                    | 39 |
| 12422 | 19/08/10 | 2010-08-19_112021Bruitalim V2.png                     | 47 |
| 12423 | 19/08/10 | 2010-08-19_132426 bruit alimV3.png                    | 43 |

|       |          |   |    |
|-------|----------|---|----|
| 12424 | 19/08/10 | 2010-08-19_134904 bruit alimV4.png  | 34 |
| 12425 | 19/08/10 | 2010-08-19_154111 bruit alimV6.png  | 50 |
| 12426 | 19/08/10 | 2010-08-19_160135 Bruitalim V7.png  | 49 |
| 12427 | 19/08/10 | 2010-08-19_170713 chaine ampli v1.png   | 54 |
| 12428 | 19/08/10 | 2010-08-19_174639 chaine ampli V2.png   | 60 |
| 12429 | 19/08/10 | 2010-08-19_175826 chaine ampli V3.png   | 34 |
| 12430 | 19/08/10 | 2010-08-19_184443 chaine ampli V4.png   | 63 |
| 12431 | 19/08/10 | 2010-08-19_190148 chaine ampliV5.png  | 62 |
| 12432 | 19/08/10 | 2010-08-19_192302 chaine ampli V6.png   | 57 |
| 12433 | 19/08/10 | 2010-08-19_192713 chaine ampli V6 2.png   | 57 |
| 12434 | 19/08/10 | 2010-08-19_194951 Chaine ampli 7.png  | 55 |
| 12435 | 19/08/10 | 2010-08-19_200351 chaine ampli V7 2.png   | 62 |
| 12436 | 19/08/10 | 2010-08-19_221415 test zener V1.png   | 57 |
| 12437 | 19/08/10 | 2010-08-19_222144 Test zener V1 2.png   | 45 |
| 12438 | 19/08/10 | 2010-08-19_222826 zener V1 3.png  | 47 |
| 12439 | 19/08/10 | 2010-08-19_223417 Test zener v1 3.png   | 24 |
| 12440 | 19/08/10 | 2010-08-19_224408 test zenzer V1 4.png  | 43 |
| 12441 | 20/08/10 | 2010-08-20_175517 demodul LT6118 NS 100 MHz 1.png   | 49 |
| 12442 | 20/08/10 | 2010-08-20_180220 démodulation AOp LT6118 2.png   | 43 |
| 12443 | 20/08/10 | 2010-08-20_181403 demodul LT6118 3.png  | 48 |
| 12444 | 20/08/10 | 2010-08-20_212250 1001 precision absolute value circuit.png                                       | 42 |
| 12445 | 20/08/10 | 2010-08-20_215711 1002 Two Op Amp Instrumentation Amplifier.png                                   | 72 |
| 12446 | 20/08/10 | 2010-08-20_221540 Gain 100 Amplifier LT1006.png   | 58 |
| 12447 | 20/08/10 | 2010-08-20_222205 Gain 1000 Amplifier with 0.01% Accuracy LT1007.png                              | 49 |
| 12448 | 20/08/10 | 2010-08-20_223301 Gain 1000 Amplifier with 0.01% Accuracy 2.png                                   | 53 |
| 12449 | 20/08/10 | 2010-08-20_223913 Référence Tension 2.5V stable en température LT1009.png                         | 37 |
| 12450 | 20/08/10 | 2010-08-20_224750 Ampli écreteur avec fonction porte LT1011.png                                   | 63 |
| 12451 | 22/08/10 | 2010-08-22_190326 Instrumentation Amplifier with 100V Common Mode Range 1012.png                  | 63 |
| 12452 | 22/08/10 | 2010-08-22_190912 Ampli gain 10 alim sym 5V LT1013.png  | 60 |
| 12453 | 22/08/10 | 2010-08-22_191549 Triple Op Amp Instrumentation Amplifier with Bias Current Cancellation 1014.png | 61 |
| 12454 | 22/08/10 | 2010-08-22_192448 Comparateur avec porte de sortie LT1015.png                                     | 64 |
| 12455 | 22/08/10 | 2010-08-22_193210 10MHz to 25MHz Crystal Oscillator LT1016.png                                    | 75 |
| 12456 | 22/08/10 | 2010-08-22_195759 Delay On Power Up LT1017.png  | 45 |
| 12457 | 22/08/10 | 2010-08-22_201123 SCHEMA NE CONVERGEANT PAS.png   | 3  |
| 12458 | 22/08/10 | 2010-08-22_201902 LOW POWER v TO f CONVERTER LT1018.png   | 46 |

|       |          |   |    |
|-------|----------|---|----|
| 12459 | 22/08/10 | 2010-08-22_202739 Precision 5V référence LT1021-5.png   | 43 |
| 12460 | 22/08/10 | 2010-08-22_203514 Wide Bandwidth Absolute Value Circuit LT1022 High speed precision Jfet input.png              | 70 |
| 12461 | 22/08/10 | 2010-08-22_204032 Wide Bandwidth Absolute Value Circuit LT1022 High speed precision Jfet input erreur diode.png | 69 |
| 12462 | 22/08/10 | 2010-08-22_204833 Two Op Amp Instrumentation Amplifier LT1024.png   | 58 |
| 12463 | 22/08/10 | 2010-08-22_214839 Conver DC DC 2 sorties symétriques LT1026.png   | 49 |
| 12464 | 22/08/10 | 2010-08-22_215546 Phono Preamplifier RIAA Ultra low noise LT1028.png  | 57 |
| 12465 | 22/08/10 | 2010-08-22_220836 Régulateur 1.25 A LT1072.png  | 37 |
| 12466 | 22/08/10 | 2010-08-22_221412 Single Supply AC-Coupled Amplifier, Noninverting LT1252.png                                   | 52 |
| 12467 | 22/08/10 | 2010-08-22_223006 PWM mode courant LT1242 schéma conver complet.png   | 48 |
| 12468 | 22/08/10 | 2010-08-22_223203 PWM mode courant LT1242 schéma conver complet.png   | 24 |
| 12469 | 22/08/10 | 2010-08-22_223452 PWM mode courant LT1242 schéma conver complet zoom 400us.png                                  | 40 |
| 12470 | 22/08/10 | 2010-08-22_223620 PWM mode courant LT1242 schéma conver complet zoom 90us.png                                   | 35 |
| 12471 | 22/08/10 | 2010-08-22_223934 Régime transitoire pendant 2 ms sur tous les nouds nommés zoom 3us.png                        | 23 |
| 12472 | 22/08/10 | 2010-08-22_224203 Régime transitoire pendant 300 ns sur tous les nouds nommés..png                              | 23 |
| 12473 | 22/08/10 | 2010-08-22_224510 Régime transitoire pendant 11 ns sur tous les nouds nommés..png                               | 31 |
| 12474 | 22/08/10 | 2010-08-22_230402 PFC controller LT1248.png   | 47 |
| 12475 | 22/08/10 | 2010-08-22_230937 PFC controller LT1248 30ms.png  | 23 |
| 12476 | 22/08/10 | 2010-08-22_231157 PFC controller LT1248 1ms.png   | 55 |
| 12477 | 22/08/10 | 2010-08-22_231319 PFC controller LT1248 60us.png  | 30 |
| 12478 | 24/08/10 | 2010-08-24_003448 5V DC DC converter synchronous LT1306.png   | 49 |
| 12479 | 24/08/10 | 2010-08-24_004252 Driver pont LT1336.png  | 70 |
| 12480 | 24/08/10 | 2010-08-24_005650 Chargeur de batterie LT1505.png   | 45 |
| 12481 | 24/08/10 | 2010-08-24_005753 Chargeur de batterie LT1505.png   | 19 |
| 12482 | 24/08/10 | 2010-08-24_010104 Chargeur de batterie LT1505 zoom.png  | 46 |
| 12483 | 24/08/10 | 2010-08-24_011524 PFC PWM LT1509.png  | 35 |
| 12484 | 24/08/10 | 2010-08-24_012206 PFC PWM LT1509 0 2 5 ms.png   | 44 |
| 12485 | 24/08/10 | 2010-08-24_012841 PFC PWM LT1509 zoom.png   | 44 |
| 12486 | 24/08/10 | 2010-08-24_015205 PFC PWM LT1509 0 50 ms.png  | 50 |
| 12487 | 24/08/10 | 2010-08-24_015519 PFC PWM LT1509 4 4 ms.png   | 31 |
| 12488 | 24/08/10 | 2010-08-24_015948 PFC PWM LT1509 zoom.png   | 24 |
| 12489 | 25/08/10 | 2010-08-25_233837 Coax ideal Poujoly V1.png   | 36 |
| 12490 | 26/08/10 | 2010-08-26_000124 importation d'un fichier asc comportant des erreurs.png                                       | 58 |
| 12491 | 26/08/10 | 2010-08-26_015840 Oscillateur Quartz Colpitts V1.png  | 41 |
| 12492 | 26/08/10 | 2010-08-26_020322 oscillateur quartz Colpitts zomm.png  | 58 |
| 12493 | 26/08/10 | 2010-08-26_021301 Oscillateur quartz Colpitts Zoom FFT 10 MHz.png   | 53 |

|       |          |   |    |
|-------|----------|---|----|
| 12494 | 26/08/10 | 2010-08-26_022543 Oscillateur quartz Colpitts changement ttor 10 MHz.png            | 38 |
| 12495 | 26/08/10 | 2010-08-26_041208 Source quartz & ampli.png   | 46 |
| 12496 | 26/08/10 | 2010-08-26_041502 Source quartz zoom.png  | 69 |
| 12497 | 26/08/10 | 2010-08-26_192202 source quartz 2N4124 RC base.png                                  | 45 |
| 12498 | 26/08/10 | 2010-08-26_192755 Source quartz Zoom.png  | 71 |
| 12499 | 26/08/10 | 2010-08-26_200127 oscillateur colpitts V5.png                                       | 40 |
| 12500 | 26/08/10 | 2010-08-26_200916 oscillateur Quartz 10 MHz Valim 5V.png                            | 41 |
| 12501 | 26/08/10 | 2010-08-26_210710 oscillateur Quartz V5 100ms.png                                   | 43 |
| 12502 | 26/08/10 | 2010-08-26_211236 oscillateur quartz V5 zoom.png                                    | 47 |
| 12503 | 26/08/10 | 2010-08-26_212616 Oscillateur Quartz V5.png   | 53 |
| 12504 | 27/08/10 | 2010-08-27_225241 base band video ampliflier splitter LT6206.png                    | 70 |
| 12505 | 27/08/10 | 2010-08-27_230219 filtre passe bande 1 MHz LT6233.png                               | 53 |
| 12506 | 27/08/10 | 2010-08-27_230903 Precise DC Full-Wave Rectifier(Absolute Value Circuit LTC1047.png | 52 |
| 12507 | 27/08/10 | 2010-08-27_231247 DC Stabilized FET Probe.png                                       | 35 |
| 12508 | 27/08/10 | 2010-08-27_231501 DC Stabilized FET Probe LTC 1052.png                              | 39 |
| 12509 | 29/08/10 | 2010-08-29_213148 Single Supply Instrumentation Amplifier LTC1150.png               | 72 |
| 12510 | 29/08/10 | 2010-08-29_213820 LTC1250.png   | 47 |
| 12511 | 29/08/10 | 2010-08-29_214625 LTC1250.png   | 54 |
| 12512 | 29/08/10 | 2010-08-29_220343 Ampli différentiel LTC 1992.png                                   | 63 |
| 12513 | 29/08/10 | 2010-08-29_221320 LTC6088.png   | 50 |
| 12514 | 29/08/10 | 2010-08-29_223230 LTC6088.png   | 50 |
| 12515 | 29/08/10 | 2010-08-29_224218 Ampli OP CMOS rail to Rail Gain Bande 18 MHz.png                  | 43 |
| 12516 | 29/08/10 | 2010-08-29_224656 Ampli OP CMOS rail to Rail Gain Bande18 MHz Bode.png              | 49 |
| 12517 | 29/08/10 | 2010-08-29_225151 LTC6244 rail to rail produit gain bande 50 MHz.png                | 46 |
| 12518 | 29/08/10 | 2010-08-29_225554 LTC6244 rail to rail produit gain bande 50 MHz Bode.png           | 50 |
| 12519 | 29/08/10 | 2010-08-29_225919 LTC6244 rail to rail produit gain bande 50 MHz.png                | 43 |
| 12520 | 29/08/10 | 2010-08-29_230724 LTC 7652.png  | 43 |
| 12521 | 01/09/10 | 2010-09-01_123912 Transmission Line V1.png  | 46 |
| 12522 | 01/09/10 | 2010-09-01_155652 lignes de transmissions V1 2.png                                  | 49 |
| 12523 | 01/09/10 | 2010-09-01_165509 crystal oscillator V1.png   | 30 |
| 12524 | 01/09/10 | 2010-09-01_170946 crystal oscillator V2.png   | 32 |
| 12525 | 01/09/10 | 2010-09-01_171429 cristal oscillator V2 3.png                                       | 14 |
| 12526 | 01/09/10 | 2010-09-01_171736 oscillateur quartz détail démarrage oscillations.png              | 44 |
| 12527 | 01/09/10 | 2010-09-01_172014 quartz oscillator F 5 MHz.png                                     | 54 |
| 12528 | 01/09/10 | 2010-09-01_172829 cristal oscillator démarrage Vout.png                             | 55 |

|       |          |   |    |
|-------|----------|---|----|
| 12529 | 01/09/10 | 2010-09-01_174946 cristal oscillator demarrage ralenti.png        | 43 |
| 12530 | 01/09/10 | 2010-09-01_183405 Lossy-line-with-param-V2.png                    | 37 |
| 12531 | 01/09/10 | 2010-09-01_183943 LossyLineparam V2 2.png                         | 37 |
| 12532 | 01/09/10 | 2010-09-01_184643 LossyTransmissionLineRG58 V1.png                | 51 |
| 12533 | 01/09/10 | 2010-09-01_185958 LossyTransmissRG58 2.png                        | 48 |
| 12534 | 01/09/10 | 2010-09-01_190552 Cable RG58 3.png                                | 34 |
| 12535 | 01/09/10 | 2010-09-01_191608 RG58A 4.png                                     | 34 |
| 12536 | 01/09/10 | 2010-09-01_192905 RG58 lossy R 50hm T 0 5.png                     | 26 |
| 12537 | 01/09/10 | 2010-09-01_193639 RG58A analyse Bode 1.png                        | 51 |
| 12538 | 01/09/10 | 2010-09-01_194818 RG58A Bode.png                                  | 68 |
| 12539 | 01/09/10 | 2010-09-01_195342 RG58 6.png                                      | 62 |
| 12540 | 01/09/10 | 2010-09-01_200025 RG58A 6.png                                     | 57 |
| 12541 | 01/09/10 | 2010-09-01_201557 choix sous circuits V1.png                      | 40 |
| 12542 | 01/09/10 | 2010-09-01_201839 Choix sous circuits graphes 2.png               | 26 |
| 12543 | 01/09/10 | 2010-09-01_202934 utilisation solver alternate V1.png             | 53 |
| 12544 | 01/09/10 | 2010-09-01_204233 sinX X equaliser V1.png                         | 51 |
| 12545 | 01/09/10 | 2010-09-01_205133 rc total noise sweep V1.png                     | 57 |
| 12546 | 01/09/10 | 2010-09-01_205719 rc total noise command.png                      | 66 |
| 12547 | 01/09/10 | 2010-09-01_211417 extraction valeurs mesure spice error log.png   | 81 |
| 12548 | 01/09/10 | 2010-09-01_212305 extraction valeurs mesure spice error log 2.png | 87 |
| 12549 | 01/09/10 | 2010-09-01_212305 extraction valeurs mesure spice error log 3.png | 82 |
| 12550 | 01/09/10 | 2010-09-01_232913 ADSL Line Driver LMH6672a 1.png                 | 70 |
| 12551 | 01/09/10 | 2010-09-01_235817 Ampli BF RF 1 MHz.png                           | 56 |
| 12552 | 02/09/10 | 2010-09-02_012601 micropower Xtal oscillator 1.png                | 33 |
| 12553 | 02/09/10 | 2010-09-02_013159 diode with table.png                            | 56 |
| 12554 | 02/09/10 | 2010-09-02_014221 diode table 2.png                               | 46 |
| 12555 | 02/09/10 | 2010-09-02_015330 diode tranzorb incluse comme directive.png      | 62 |
| 12556 | 02/09/10 | 2010-09-02_021818 diode transil 1 5 SMC75AT3.png                  | 47 |
| 12557 | 02/09/10 | 2010-09-02_022633 selfs laplace 1.png                             | 66 |
| 12558 | 02/09/10 | 2010-09-02_023451 Spark Gap 1.png                                 | 42 |
| 12559 | 02/09/10 | 2010-09-02_024123 PTC 1.png                                       | 43 |
| 12560 | 02/09/10 | 2010-09-02_024608 demodulateur FT817 AM 1.png                     | 64 |
| 12561 | 02/09/10 | 2010-09-02_024754 Démodulation 2.png                              | 44 |
| 12562 | 02/09/10 | 2010-09-02_074138 oscillateur quartz CD4049.png                   | 36 |
| 12563 | 02/09/10 | 2010-09-02_074504 XtalTtl 2.png                                   | 72 |

|       |          |  |    |
|-------|----------|--|----|
| 12564 | 02/09/10 | 2010-09-02_075806 oscill digital.png                       | 41 |
| 12565 | 02/09/10 | 2010-09-02_080139 oscilateur digital 10 MHz.png            | 81 |
| 12566 | 02/09/10 | 2010-09-02_213005 Ring2.png                                | 71 |
| 12567 | 02/09/10 | 2010-09-02_214101 bh.png                                   | 54 |
| 12568 | 02/09/10 | 2010-09-02_214955 bh2.png                                  | 50 |
| 12569 | 02/09/10 | 2010-09-02_215701 bh3.png                                  | 50 |
| 12570 | 02/09/10 | 2010-09-02_220930 aide L non linéaire.png                  | 30 |
| 12571 | 02/09/10 | 2010-09-02_221604 dual band mixer 1.png                    | 57 |
| 12572 | 02/09/10 | 2010-09-02_222331 DBM fft IF.png                           | 22 |
| 12573 | 02/09/10 | 2010-09-02_224142 dbm fft V in.png                         | 35 |
| 12574 | 02/09/10 | 2010-09-02_224851 dbm fft IF avant apres filtrage.png      | 74 |
| 12575 | 02/09/10 | 2010-09-02_225838 optimize circuit oscillant.png           | 40 |
| 12576 | 02/09/10 | 2010-09-02_230508 Jfet 2SK118 V1.png                       | 44 |
| 12577 | 02/09/10 | 2010-09-02_231058 Jfet seuil Vt modifié.png                | 42 |
| 12578 | 02/09/10 | 2010-09-02_231133 Jfet 2sk118 seuil modifié.png            | 43 |
| 12579 | 02/09/10 | 2010-09-02_232938 Circuit chaotique Chua.png               | 39 |
| 12580 | 02/09/10 | 2010-09-02_235417 ampli cascode utilisation step param.png | 78 |
| 12581 | 02/09/10 | 2010-09-02_235505 ampli cascode step param.png             | 78 |
| 12582 | 03/09/10 | 2010-09-03_001558 TTL linTest.png                          | 42 |
| 12583 | 03/09/10 | 2010-09-03_011121 LM317 alim.png                           | 81 |
| 12584 | 03/09/10 | 2010-09-03_011846 ampli BF EL34.png                        | 74 |
| 12585 | 03/09/10 | 2010-09-03_091621 emicamplifier schema.png                 | 37 |
| 12586 | 03/09/10 | 2010-09-03_091754 emicamplifier courbes.png                | 49 |
| 12587 | 03/09/10 | 2010-09-03_200951 adaptation série V1.png                  | 53 |
| 12588 | 03/09/10 | 2010-09-03_202452 adaptation série V2.png                  | 50 |
| 12589 | 03/09/10 | 2010-09-03_202823 adaptation série V3.png                  | 48 |
| 12590 | 03/09/10 | 2010-09-03_203740 adaptation série V3.png                  | 44 |
| 12591 | 03/09/10 | 2010-09-03_204523 adpatation série V3 zoom.png             | 55 |
| 12592 | 03/09/10 | 2010-09-03_210046 adaptation série V3.png                  | 46 |
| 12593 | 03/09/10 | 2010-09-03_215716 adaptation parallèle V1.png              | 43 |
| 12594 | 03/09/10 | 2010-09-03_220418 adaptation parallèle 100ns.png           | 49 |
| 12595 | 03/09/10 | 2010-09-03_221104 adaptation parallèle 1us.png             | 61 |
| 12596 | 03/09/10 | 2010-09-03_222720 Adaptation parallèle V2.png              | 57 |
| 12597 | 03/09/10 | 2010-09-03_224110 adaptation parallèle V3.png              | 47 |
| 12598 | 03/09/10 | 2010-09-03_225027 adaptation diodes V3.png                 | 68 |



|       |  |  |    |
|-------|--|--|----|
| 12599 | 05/09/10   | 2010-09-05_191203 adaptation parallèle V4.png              | 54 |
| 12600 | 05/09/10   | 2010-09-05_204229 dissymetrie paire V2.png                 | 62 |
| 12601 | 05/09/10   | 2010-09-05_210044 dissymetrie V3.png                       | 69 |
| 12602 | 05/09/10   | 2010-09-05_210447 dissymetrie V3 2.png                     | 64 |
| 12603 | 05/09/10   | 2010-09-05_211238 dissymetrei V3 3.png                     | 56 |
| 12604 | 05/09/10   | 2010-09-05_214843 dissymetrie V3 4.png                     | 48 |
| 12605 | 05/09/10   | 2010-09-05_223928 mesure dissymetrie V5 1.png              | 65 |
| 12606 | 05/09/10   | 2010-09-05_225217 dissymetrie V6.png                       | 75 |
| 12607 | 05/09/10   | 2010-09-05_225700 dissymetrie V6 R10.png                   | 70 |
| 12608 | 05/09/10   | 2010-09-05_230103 dissymetrie V6 sur L.png                 | 73 |
| 12609 | 06/09/10   | 2010-09-06_225914 Vdissy param Rdissy V9.png               | 65 |
| 12610 | 07/09/10   | 2010-09-07_143054 dissym V9.png                            | 72 |
| 12611 | 07/09/10   | 2010-09-07_165341 dissymetrie V10.png                      | 74 |
| 12612 | 10/09/10   | 2010-09-10_102505 essai.png                                | 46 |
| 12613 | 28/05/10   | demodul DF courbes 2010-05-28_103031.png                   | 31 |
| 12614 | 28/05/10   | demodulation LM741 V3 2010-05-28_093845.png                | 54 |
| 12615 | 28/05/10   | démodulation V3 courbes 2010-05-28_094421.png              | 37 |
| 12616 | 28/05/10   | démodulation V3 schéma 2010-05-28_094421.png               | 62 |
| 12617 | 28/05/10   | FFT DF V4 2010-05-28_104209.png                            | 30 |
| 12618 | 28/05/10   | superposition 2 signaux DF 2010-05-28_102836.png           | 6  |
| 12619 | 04/08/10   | traceur courbe modifié V1 beta temperature tension log.png | 71 |
| 12620 | 04/08/10   | traceur courbe modifié V1 beta temperature log.png         | 70 |
| 12621 | 04/08/10   | traceur courbe modifié V1 beta log.png                     | 66 |
| 12622 | 04/08/10   | traceur courbe modifié V1.png                              | 40 |
| 12623 | <b>Intégrité du signal (SI)\Exemples LTspice\Circuits commutation LT</b> |  |    |
| 12624 | 03/08/13   | LT1585-33_TA01.asc   | 2  |
| 12625 | 03/08/13   | LT1587-33_TA01.asc   | 2  |
| 12626 | 03/08/13   | LT3081_TA01A.asc   | 2  |
| 12627 | 03/08/13   | LTC3611_TA04_DC1318A.asc                                   | 5  |
| 12628 | 03/08/13   | LTC6990_TA01A.asc  | 2  |
| 12629 | 03/08/13   | LTC6995-1_F12.asc  | 2  |
| 12630 | 03/08/13   | LTM8045_TA02_DC1533A.asc                                   | 2  |
| 12631 | <b>Intégrité du signal (SI)\Exemples LTspice\Démodulation ampli op</b>   |  |    |
| 12632 | 16/03/12   | Capacité en sortie.asc                                     | 2  |
| 12633 | 25/02/11   | demodulation LM308 V1.asc                                  | 11 |

|       |  |  |     |
|-------|--|--|-----|
| 12634 | 25/02/11   | demodulation LM6118.asc                      | 3   |
| 12635 | 25/02/11   | demodulation LM741.asc                       | 7   |
| 12636 | 28/01/12   | Ligne ... l'impulsion.asc                    | 2   |
| 12637 | 09/02/13   | Réponse aux fronts.asc                       | 2   |
| 12638 | 13/12/12   | Stabilite sur charge capacitive.asc          | 2   |
| 12639 | <b>Intégrité du signal (SI)\Exemples LTspice\Détection d'enveloppe</b> |  |     |
| 12640 | 20/07/13   | Détection d'enveloppe 5.asc                  | 3   |
| 12641 | 20/07/13   | LT1055 JFET en entrée.asc                    | 1   |
| 12642 | 20/07/13   | LT1124 fast precision.asc                    | 1   |
| 12643 | 20/07/13   | LT118A fast NPN input.asc                    | 1   |
| 12644 | 20/07/13   | LT1457 JFET.asc                              | 1   |
| 12645 | 20/07/13   | LT1722 200MHz precision.asc                  | 1   |
| 12646 | 20/07/13   | LT1881 pA input.asc                          | 1   |
| 12647 | 20/07/13   | LT1884 pA input precision.asc                | 1   |
| 12648 | 20/07/13   | LT6234 60MHz.asc                             | 1   |
| 12649 | 21/07/13   | Mauvais modèle de u741.asc                   | 2   |
| 12650 | 21/07/13   | Modèle correct de LM741.asc                  | 6   |
| 12651 | <b>Intégrité du signal (SI)\Exemples LTspice\Diagramme de l'oeil</b>   |  |     |
| 12652 | 11/06/12   | 2 niveaux.asc                                | 1   |
| 12653 | 11/06/12   | 3 niveaux.asc                                | 1   |
| 12654 | 12/06/12   | 4 niveaux.asc                                | 1   |
| 12655 | 22/08/12   | Coax 1m.asc                                  | 99  |
| 12656 | 11/06/12   | Draft1.asc                                   | 1   |
| 12657 | 26/08/12   | Inefficacité du Peaking généré désadapté.asc | 100 |
| 12658 | 22/08/12   | Peaking Coax 1m.asc                          | 100 |
| 12659 | 26/08/12   | Peaking inutile.asc                          | 100 |
| 12660 | 06/07/13   | Peaking optimal Coax 2m.asc                  | 188 |
| 12661 | 22/08/12   | Peaking.asc                                  | 1   |
| 12662 | <b>Intégrité du signal (SI)\Exemples LTspice\Diaphonie</b>             |  |     |
| 12663 | 28/02/12   | Diaphonie 40 cm temporel.asc                 | 82  |
| 12664 | 01/03/12   | Diaphonie capacitive.asc                     | 10  |
| 12665 | 07/03/12   | Diaphonie cumulative.asc                     | 11  |
| 12666 | 28/02/12   | Diaphonie directionnelle.asc                 | 10  |
| 12667 | 28/02/12   | Diaphonie directive.asc                      | 5   |
| 12668 | 29/02/12   | Diaphonie fronts couchés.asc                 | 10  |

|       |   |  |    |
|-------|---|--|----|
| 12669 | 28/02/12  | Diaphonie ligne 2 ns temporel.asc                      | 82 |
| 12670 | 01/03/12  | Directivité de la diaphonie.asc                        | 10 |
| 12671 | 29/02/12  | Para et télédiaphonie fronts raides.asc                | 10 |
| 12672 | 29/02/12  | Para et télédiaphonie.asc                              | 10 |
| 12673 | 06/03/12  | Résonance inductive.asc                                | 11 |
| 12674 | 28/02/12  | Télédiaphonie fronts couchés.asc                       | 82 |
| 12675 | 28/02/12  | Télédiaphonie.asc                                      | 82 |
| 12676 | <b>Intégrité du signal (SI)\Exemples LTspice\Diodes</b>                     |  |    |
| 12677 | 15/02/12  | Test-des-diodes-V1.asc                                 | 3  |
| 12678 | 15/02/12  | Test-des-diodes-V2.asc                                 | 3  |
| 12679 | 15/02/12  | Test-des-diodes-V3.asc                                 | 3  |
| 12680 | 15/02/12  | Traceur courbe modifié V1.asc                          | 1  |
| 12681 | <b>Intégrité du signal (SI)\Exemples LTspice\Distorsion de croisement</b>   |  |    |
| 12682 | 11/07/13  | Ampli nerveux.asc                                      | 1  |
| 12683 | 11/07/13  | Distorsion de croisement 2.asc                         | 1  |
| 12684 | 11/07/13  | Distorsion de croisement 3.asc                         | 1  |
| 12685 | 11/07/13  | Distorsion de croisement 4.asc                         | 1  |
| 12686 | 11/07/13  | Distorsion de croisement 5.asc                         | 1  |
| 12687 | 12/07/13  | Distorsion de croisement 6.asc                         | 1  |
| 12688 | 11/07/13  | Distorsion de croisement 7.asc                         | 1  |
| 12689 | 11/07/13  | Distorsion de croisement.asc                           | 1  |
| 12690 | 11/07/13  | Vitesse de balayage.asc                                | 1  |
| 12691 | <b>Intégrité du signal (SI)\Exemples LTspice\Effet du courant de sortie</b> |  |    |
| 12692 | 19/07/13  | Faible détection d'enveloppe.asc                       | 3  |
| 12693 | 19/07/13  | Faible effet.asc                                       | 3  |
| 12694 | 02/11/13  | Forte détection.asc                                    | 3  |
| 12695 | 19/07/13  | Peu d'effet.asc  | 3  |
| 12696 | 20/07/13  | Très faible détection.asc                              | 3  |
| 12697 | <b>Intégrité du signal (SI)\Exemples LTspice\Foudre</b>                     |  |    |
| 12698 | 09/04/12  | Effet réducteur ferrailage+cable blindé (sans CdC).asc | 1  |
| 12699 | 09/04/12  | Effet réducteur ferrailage+CdC+cable blindé.asc        | 1  |
| 12700 | 21/10/11  | Géné foudre Varistance filtre entrée J2 V13 Mdiff.asc  | 5  |
| 12701 | 21/10/11  | Géné foudre Varistance filtre entrée J2 V14 Mdiff.asc  | 5  |
| 12702 | 09/04/12  | Générateur 1us 350us.asc                               |    |
| 12703 | 07/11/13  | Générateur foudre 61000-4-5.asc                        | 2  |

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| 12704 | 07/11/13   | Générateur foudre.asc                        | 2   |
| 12705 | <b>Intégrité du signal (SI)\Exemples LTspice\Impédance de sortie</b> |  |     |
| 12706 | 11/07/13   | Impédance de sortie 1.asc                    | 2   |
| 12707 | 12/07/13   | Impédances de sortie 1.asc                   | 2   |
| 12708 | 12/07/13   | Impédances de sortie 2.asc                   | 2   |
| 12709 | 12/07/13   | Impédances de sortie 3.asc                   | 2   |
| 12710 | 12/07/13   | Impédances de sortie 4.asc                   | 2   |
| 12711 | <b>Intégrité du signal (SI)\Exemples LTspice\Pertes lignes</b>       |  |     |
| 12712 | 22/08/12   | Coax 1m Pertes en temporel.asc               | 99  |
| 12713 | 16/02/12   | Coax 1m Pertes en V(F) fréquentiel.asc       | 99  |
| 12714 | 17/02/12   | Coax 1m Pertes en V(F) temporel.asc          | 196 |
| 12715 | 22/08/12   | Coax 2m Pertes en V(F) temporel.asc          | 196 |
| 12716 | 14/02/12   | Ligne ... perte.asc                          | 2   |
| 12717 | 16/02/12   | Pertes en V(F) temporel coax 1m.asc          | 99  |
| 12718 | 16/02/12   | Pertes en V(F) temporel.asc                  | 58  |
| 12719 | 16/02/12   | Pertes en V(F).asc                           | 19  |
| 12720 | 31/08/12   | Pertes F ligne 10 ohms.asc                   | 64  |
| 12721 | <b>Intégrité du signal (SI)\Exemples LTspice\PSRR</b>                |  |     |
| 12722 | 24/06/13   | PSRR du LT1636 2x3V3.asc                     | 1   |
| 12723 | 04/11/13   | PSRR du LT1636.asc                           | 1   |
| 12724 | <b>Intégrité du signal (SI)\Exemples LTspice\Redressement mono</b>   |  |     |
| 12725 | 26/03/12   | Alim - capa faibles pertes neutre commun.asc | 3   |
| 12726 | 23/03/12   | Alim + capa faibles pertes neutre commun.asc | 3   |
| 12727 | 06/04/12   | Alim capa -12V 10mA neutre commun.asc        | 3   |
| 12728 | 04/04/12   | Alim capa -17V 10mA neutre commun.asc        | 3   |
| 12729 | 06/04/12   | Alim capa -30V 10mA neutre commun.asc        | 3   |
| 12730 | 10/04/12   | Alim capa -6V 10mA avec foudre.asc           | 5   |
| 12731 | 04/04/12   | Alim capa -6V 10mA neutre commun.asc         | 3   |
| 12732 | 04/04/12   | Alim capa -8V 10mA neutre commun.asc         | 3   |
| 12733 | 13/12/12   | Double alim capa aéro 32V 100mA.asc          | 4   |
| 12734 | 05/04/12   | Double redressement capa 15V 20mA.asc        | 4   |
| 12735 | 05/04/12   | Double redressement capa 32V 20mA.asc        | 4   |
| 12736 | 23/04/12   | Double redressement capa 32V 40mA.asc        | 4   |
| 12737 | 14/11/11   | Redressement 115v.asc                        | 2   |
| 12738 | 16/09/11   | Redressement 2 alternances.asc               | 2   |

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| 12739 | 05/09/11   | Redressement 2 avec self de lissage.asc            | 2 |
| 12740 | 05/09/11   | Redressement 2 sans self de lissage.asc            | 2 |
| 12741 | 26/03/12   | Redressement capa faibles pertes ... vide.asc      | 3 |
| 12742 | 27/03/12   | Redressement capa faibles pertes darlington.asc    | 4 |
| 12743 | 23/03/12   | Redressement capa faibles pertes neutre commun.asc | 3 |
| 12744 | 04/09/11   | Redressement double alternances.asc                | 1 |
| 12745 | <b>Intégrité du signal (SI)\Exemples LTspice\Redressement signal</b> |  |   |
| 12746 | 02/07/12   | Redressement double alternance 1.asc               | 3 |
| 12747 | 02/07/12   | Redressement double alternance 2.asc               | 3 |
| 12748 | 02/07/12   | Redressement double alternance 3.asc               | 3 |
| 12749 | 02/07/12   | Redressement double alternance 4.asc               | 3 |
| 12750 | 02/07/12   | Redressement double alternance 5.asc               | 3 |
| 12751 | 02/07/12   | Redressement double alternance 6.asc               | 3 |
| 12752 | <b>Intégrité du signal (SI)\Exemples LTspice\Réflexion stub</b>      |  |   |
| 12753 | 06/02/12   | Adaptation mixte.asc                               | 2 |
| 12754 | 06/02/12   | Adaptation parallèle.asc                           | 1 |
| 12755 | 06/02/12   | Adaptation série.asc                               | 1 |
| 12756 | 06/02/12   | Adaptation thévenin.asc                            | 1 |
| 12757 | 08/02/12   | Mesure de capacité.asc                             | 1 |
| 12758 | 08/02/12   | Mesure d'inductance.asc                            | 1 |
| 12759 | 02/02/12   | Réflexion 1p 2nH25.asc                             | 1 |
| 12760 | 02/02/12   | Réflexion 1pF.asc                                  | 1 |
| 12761 | 02/02/12   | Réflexion 2nH.asc                                  | 1 |
| 12762 | 02/02/12   | Réflexion 2nH25 1p.asc                             | 1 |
| 12763 | 02/02/12   | Réflexion 2nH25.asc                                | 1 |
| 12764 | 02/02/12   | Réflexion stub fréquentiel.asc                     | 2 |
| 12765 | 09/02/12   | Réflexion stub temporel.asc                        | 3 |
| 12766 | 02/02/12   | Réflexion stub.asc                                 | 1 |
| 12767 | 08/02/12   | Risque double trigger.asc                          | 2 |
| 12768 | 02/02/12   | TDR 1p - 2nH25.asc                                 | 1 |
| 12769 | 02/02/12   | TDR 1p.asc   | 1 |
| 12770 | 02/02/12   | TDR 2nH25 - 1p.asc                                 | 1 |
| 12771 | 02/02/12   | TDR 2nH25.asc                                      | 1 |
| 12772 | 02/02/12   | TDR Adapté.asc                                     | 1 |
| 12773 | 06/02/12   | TDR avec diodes clamping.asc                       | 2 |

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| 12774 | 06/02/12   | TDR avec R-C.asc                        | 1 |
| 12775 | 02/02/12   | TDR C0.asc                              | 1 |
| 12776 | 02/02/12   | TDR CC.asc                              | 1 |
| 12777 | 08/02/12   | TDR L R parallele.asc                   | 1 |
| 12778 | 02/02/12   | TDR PI.asc                              | 1 |
| 12779 | 08/02/12   | TDR R C serie.asc                       | 1 |
| 12780 | 06/02/12   | TDR sans diode clamping.asc             | 2 |
| 12781 | 02/02/12   | TDR Sous-adapté.asc                     | 1 |
| 12782 | 02/02/12   | TDR Sur-adapté.asc                      | 1 |
| 12783 | 02/02/12   | TDR T.asc                               | 1 |
| 12784 | <b>Intégrité du signal (SI)\Exemples LTspice\Stage Tracé des circuits imprimés</b> |   |   |
| 12785 | 10/11/10   | 3 capacités parallèles V1.asc           | 1 |
| 12786 | 10/11/10   | 3 capacités parallèles V2.asc           | 2 |
| 12787 | 10/11/10   | 3 capacités parallèles V3.asc           | 3 |
| 12788 | 10/11/10   | 3 capacités parallèles V4.asc           | 3 |
| 12789 | 06/01/11   | 3 capacités parallèles V4.net           | 1 |
| 12790 | 10/11/10   | 3 capacités parallèles V5.asc           | 2 |
| 12791 | 10/11/10   | 3 capacités parallèles V6.asc           | 5 |
| 12792 | 10/11/10   | 3 capacités parallèles V7.asc           | 6 |
| 12793 | 10/11/10   | 3 capacités parallèles V8.asc           | 4 |
| 12794 | 10/11/10   | 3 capacités parallèles V9.asc           | 4 |
| 12795 | 18/11/10   | Adaptation par capacité V1.asc          | 1 |
| 12796 | 17/11/10   | Adaptation série V2.asc                 | 2 |
| 12797 | 03/09/10   | Adaptation série V3.asc                 | 1 |
| 12798 | 18/11/10   | adaptation stage V1.asc                 | 1 |
| 12799 | 18/11/10   | adaptation stage V2.asc                 | 1 |
| 12800 | 18/11/10   | Conversion mode commun mode diff V1.asc | 2 |
| 12801 | 18/11/10   | Conversion mode commun mode diff V2.asc | 3 |
| 12802 | 18/11/10   | diaphonie connecteurs V4bis.asc         | 2 |
| 12803 | 18/11/10   | diaphonie stage1.asc                    | 1 |
| 12804 | 18/11/10   | Dissymetrie V1.asc                      | 1 |
| 12805 | 18/11/10   | Dissymetrie V2.asc                      | 3 |
| 12806 | <b>Intégrité du signal (SI)\Exemples LTspice\Triphasé</b>                          |   |   |
| 12807 | 25/02/11   | 3Phase.asc                              | 2 |
| 12808 | 25/02/11   | 3PhaseA.asc                             | 4 |

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| 12809 | 25/02/11  | 3PhaseMotor.asc  | 3    |
| 12810 | 17/07/13  | 3PhaseNonLinear.asc  | 2    |
| 12811 | 25/02/11  | 3PhaseRect.asc   | 2    |
| 12812 | 25/02/11  | Multi_phase3.asc   | 1    |
| 12813 | 25/02/11  | Réseau triphasé.asc  | 6    |
| 12814 | 25/02/11  | Source triphasée 50 HZ V9.asc                                      | 7    |
| 12815 | 25/02/11  | Spectre tri.asc  | 2    |
| 12816 | 25/02/11  | Three_phase_power.asc  | 13   |
| 12817 | <b>Intégrité du signal (SI)\Extraction d'impédances et paramètres S</b> |  |      |
| 12818 | 19/08/12  | Combined lumped element network.pdf                                | 220  |
| 12819 | 19/11/11  | Data Mining S-Parameters.pdf                                       | 6318 |
| 12820 | 27/04/11  | Differential Impedance.pdf   | 1274 |
| 12821 | 30/11/11  | Extraction of Clock Output Impedance.pdf                           | 210  |
| 12822 | 01/06/12  | IBIS Multi-Gigabit SerDes Simulation.pdf                           | 1006 |
| 12823 | 14/04/15  | Impulse Power Network Simulation.pdf                               | 326  |
| 12824 | 01/08/12  | Measuring Balanced Components (R&S).pdf                            | 465  |
| 12825 | 27/08/11  | Mixed-Mode ABCD Parameters.pdf                                     | 537  |
| 12826 | 14/04/15  | Mixed-mode S-parameters from Single-Ended Results.pdf              | 242  |
| 12827 | 20/08/15  | Model Extraction Based on Computed Tomography Scans.pdf            | 851  |
| 12828 | 19/08/12  | Network modelling with Brune's synthesis.pdf                       | 241  |
| 12829 | 14/04/15  | One-Port Method for On-chip Pad Response.pdf                       | 803  |
| 12830 | 19/08/13  | On-Wafer VNA Measurements.pdf                                      | 542  |
| 12831 | 06/09/11  | Per-Unit-Length Internal Impedance Matrix.pdf                      | 285  |
| 12832 | 16/04/15  | Quality Assurance of S-parameters.pdf                              | 525  |
| 12833 | 16/04/15  | S21 Extraction Using Pattern Generator & Sampling Oscilloscope.pdf | 1899 |
| 12834 | 03/01/11  | SI Using Cascaded S-Parameters.pdf                                 | 418  |
| 12835 | 13/04/15  | SOL Calibration Standards for PCB Probing.pdf                      | 247  |
| 12836 | 21/12/04  | S-Parameter Data & Eye-Pattern.pdf                                 | 267  |
| 12837 | 31/08/12  | S-parameters Causality.pdf   | 1216 |
| 12838 | 08/12/15  | TDR Impedance Measurements.pdf                                     | 440  |
| 12839 | 28/10/08  | TWDP to Quantify Channel Performace.pdf                            | 87   |
| 12840 | <b>Intégrité du signal (SI)\Feuilles de calcul et liens Ethernet</b>    |  |      |
| 12841 | 20/11/14  | 2013 ITRS Summary.webloc   |      |
| 12842 | 20/03/15  | Choix de Transzorb V2.xls  | 45   |
| 12843 | 15/11/12  | Echauffement adaibatique du cuivre.xls                             | 28   |

|       |   |  |       |
|-------|---|--|-------|
| 12844 | 15/11/12  | Echauffement Cuivre.xls                        | 118   |
| 12845 | <b>Intégrité du signal (SI)\Filtres et protections contre surtensions</b> |  |       |
| 12846 | 22/05/15  | Anti-aliasing filter for ADCs.pdf              | 315   |
| 12847 | 07/02/13  | Gbit Ethernet protection circuit.pdf           | 189   |
| 12848 | 16/11/12  | PLAD15KP 5.0 ... 400CA.pdf                     | 219   |
| 12849 | 15/11/12  | Thermique des Diodes Transil.pdf               | 1763  |
| 12850 | <b>Intégrité du signal (SI)\HDI et microvias</b>                          |  |       |
| 12851 | 14/01/15  | BGA Breakouts and Routing - Mentor.pdf         | 5489  |
| 12852 | 14/01/15  | Building HDI Structures Using Thin Films.pdf   | 428   |
| 12853 | 13/01/15  | Building HDI Structures.pdf                    | 882   |
| 12854 | 14/01/15  | Filling of Blind Microvias - Schl"tter.pdf     | 626   |
| 12855 | 07/01/15  | Future of HDI Via Structures - Viasystems.pdf  | 2464  |
| 12856 | 14/01/15  | HDI and Interconnect Technologies.pdf          | 2538  |
| 12857 | 14/01/15  | HDI for BGA.pdf                                | 3465  |
| 12858 | 14/01/15  | High Density Interconnect Structures (HDI).pdf | 3388  |
| 12859 | 31/12/06  | High Density Interconnects On LTCC.pdf         | 240   |
| 12860 | 08/01/15  | High End PCBs.pdf                              | 3153  |
| 12861 | 14/01/15  | Manufacturing Complex PCBs - Photochemie.pdf   | 1813  |
| 12862 | 07/01/15  | Mentor HDI Layer Stackups.pdf                  | 1195  |
| 12863 | 25/05/10  | Models for SI of Nanointerconnects.pdf         | 254   |
| 12864 | 14/01/15  | The 7 Most Popular HDI Stackups.pdf            | 2427  |
| 12865 | 13/01/15  | The HDI Handook.pdf                            | 23365 |
| 12866 | <b>Intégrité du signal (SI)\IC, On-chip SI &amp; packaging</b>            |  |       |
| 12867 | 27/08/06  | 10nm Physical Gate Length Barrier.pdf          | 2735  |
| 12868 | 25/08/06  | 2.5Gbps transceiver design.pdf                 | 1031  |
| 12869 | 08/10/12  | ADC with Chip-PCB Hierarchical Structure.pdf   | 485   |
| 12870 | 26/08/06  | Advanced High-Speed CMOS.pdf                   | 108   |
| 12871 | 01/12/08  | Advanced LSI Packaging.pdf                     | 259   |
| 12872 | 27/07/12  | AN3004 Optocoupler CTR ageing.pdf              | 167   |
| 12873 | 25/08/06  | Application-Specific Integrated Circuits.pdf   | 202   |
| 12874 | 09/10/12  | ASIC Package Design for 10 Gbps.pdf            | 578   |
| 12875 | 09/01/15  | BGA Breakout Challenges.pdf                    | 406   |
| 12876 | 18/11/13  | BGA Package Cap for GPU.pdf                    | 928   |
| 12877 | 25/08/06  | Buffer Delay Change vs Noise.pdf               | 383   |
| 12878 | 20/11/14  | Bump-less High Speed Channel on Interposer.pdf | 367   |



|       |          |   |      |
|-------|----------|---|------|
| 12879 | 14/10/12 | Capacitance Calculation of Silicon Vias.pdf             | 258  |
| 12880 | 21/11/14 | Challenges for Package Model Verification.pdf           | 1222 |
| 12881 | 13/11/12 | Charge injection cancellation in ADC.pdf                | 4002 |
| 12882 | 28/05/10 | Chip-Package-Board Coanalysis.pdf                       | 644  |
| 12883 | 09/10/14 | Chip-Package-System Power Integrity.pdf                 | 738  |
| 12884 | 13/04/15 | Co-Design Techniques to Minimize IC Package Cost.pdf    | 2794 |
| 12885 | 14/10/12 | Common-Mode Noise on On-Chip Differential Lines.pdf     | 237  |
| 12886 | 25/08/06 | Complex Integrated Circuits.pdf                         | 902  |
| 12887 | 08/10/12 | Critically Damped Total PDN Impedance.pdf               | 1479 |
| 12888 | 25/08/06 | Deep-Submicrometer Interconnect.pdf                     | 527  |
| 12889 | 27/08/06 | Deep-Submicron Signal Integrity.pdf                     | 505  |
| 12890 | 26/08/06 | Deep-Submicron VLSI Chip Design.pdf                     | 160  |
| 12891 | 23/12/15 | Dielectric Hysteresis Loops in Through Silicon Vias.pdf | 856  |
| 12892 | 13/01/15 | DIMM-in-a-PACKAGE Memory Packaging.pdf                  | 2676 |
| 12893 | 19/12/14 | Double-Shielded Interposer With Highly Doped Layers.pdf | 423  |
| 12894 | 15/05/12 | Electrical Verification of DDR Memory.pdf               | 1161 |
| 12895 | 20/03/02 | EmcIntegrity.ppt  | 261  |
| 12896 | 25/08/06 | EMI et Alternative Asynchrone.pdf                       | 2908 |
| 12897 | 16/10/12 | Fast Admittance Computation for TSV Arrays.pdf          | 672  |
| 12898 | 08/12/15 | Fault Modeling and Testing in HighSpeed SoCs.pdf        | 204  |
| 12899 | 19/06/15 | FDTD & Interconnections in Silicon Interposer.pdf       | 1058 |
| 12900 | 27/08/06 | GB in High-Ohmic Substrate ICs.pdf                      | 413  |
| 12901 | 26/08/06 | Ground Bounce in Digital CMOS Circuits.pdf              | 517  |
| 12902 | 26/08/06 | Ground Bounce in Digital CMOS IC.pdf                    | 199  |
| 12903 | 27/08/06 | Ground Bounce in Large FPGAs.pdf                        | 68   |
| 12904 | 11/11/13 | High-Bandwidth Low Noise TSV for 3D IC.pdf              | 2340 |
| 12905 | 25/08/06 | IBM ASICs & Optical Emitters.pdf                        | 1193 |
| 12906 | 25/08/06 | IC Ground Noise Minimization.pdf                        | 4103 |
| 12907 | 09/07/12 | IC Logic Family Voltage Translation.pdf                 | 345  |
| 12908 | 27/08/08 | Inductance Calculations For Packaging.pdf               | 153  |
| 12909 | 01/12/08 | Inductive Effects on VLSI.pdf                           | 180  |
| 12910 | 26/09/11 | In-Situ Characterization of High-Speed Memory.pdf       | 1002 |
| 12911 | 14/04/15 | Integrated Power Supply Packaging Technique.pdf         | 220  |
| 12912 | 17/12/03 | Intégrité des signaux de CI.pdf                         | 145  |
| 12913 | 25/06/15 | IPB Conception d'ASICs numériques.pdf                   | 4668 |

|       |          |   |      |
|-------|----------|---|------|
| 12914 | 14/04/15 | Large-Scale On-Die Power Grid Simulation.pdf                | 401  |
| 12915 | 28/05/15 | Memory Technology Today and Tomorrow.pdf                    | 1028 |
| 12916 | 10/11/13 | Modeling of 3-D ICs with TSV Arrays.pdf                     | 1724 |
| 12917 | 16/10/12 | Modeling of Coupled TSVs in 3D ICs.pdf                      | 185  |
| 12918 | 08/01/08 | Multi-layer System on Package Modules.pdf                   | 272  |
| 12919 | 26/08/06 | Nanometer Silicon Design.pdf                                | 1716 |
| 12920 | 19/06/15 | Nonlinear Parameters of TSVs.pdf                            | 651  |
| 12921 | 25/02/04 | On-chip antennas.pdf  | 92   |
| 12922 | 25/08/06 | On-Chip Decoupling Elements.pdf                             | 595  |
| 12923 | 08/10/12 | On-Chip Electromagnetic Bandgap Structure.pdf               | 572  |
| 12924 | 27/08/08 | On-chip inductance & PS integrity.pdf                       | 236  |
| 12925 | 16/04/15 | On-Chip Linear Voltage Regulator Module (VRM).pdf           | 441  |
| 12926 | 26/08/06 | On-Chip Power Noise Reduction.pdf                           | 104  |
| 12927 | 17/10/11 | On-chip Signal Integrity Analyzer (OSIA).pdf                | 799  |
| 12928 | 07/10/14 | On-Chip Voltage Regulator Module (VRM).pdf                  | 467  |
| 12929 | 23/12/07 | On-Package Reactive Equalizer.pdf                           | 543  |
| 12930 | 11/01/08 | Package and Board Components for SI.pdf                     | 172  |
| 12931 | 20/11/14 | Package Technology Evaluation and Optimization.pdf          | 883  |
| 12932 | 20/11/14 | Parallel Power Grid Analysis.pdf                            | 193  |
| 12933 | 19/12/14 | PDN Impedance Modeling for Through Vias.pdf                 | 586  |
| 12934 | 17/11/13 | Power & Ground Co-Reference for Package Design.pdf          | 1012 |
| 12935 | 17/10/14 | Power Distribution in Glass, Silicon Interposer and PCB.pdf | 836  |
| 12936 | 19/08/09 | Propagation of Disturbances Inside IC.pdf                   | 653  |
| 12937 | 23/12/15 | Quantum Coupling and Matching in Nanocircuits.pdf           | 302  |
| 12938 | 25/08/06 | QUIET User Manual.pdf                                       | 2070 |
| 12939 | 28/06/14 | RC Model Extraction for TSV Interconnects.pdf               | 261  |
| 12940 | 26/02/16 | Recent Advances in EMC of 3D-ICs.pdf                        | 2251 |
| 12941 | 31/12/14 | Resistance and Inductance for On-Chip Interconnects.pdf     | 479  |
| 12942 | 10/12/07 | RF and Mixed-Signal Modules.pdf                             | 153  |
| 12943 | 12/01/08 | S & P Integrity of Electronic Packages.pdf                  | 252  |
| 12944 | 10/07/12 | Selecting the Right Level-Translation Solution.pdf          | 315  |
| 12945 | 12/01/08 | SI Analysis of IC Packages.pdf                              | 357  |
| 12946 | 14/10/12 | SI and PI Analyses of Complex IC Packagings.pdf             | 491  |
| 12947 | 27/08/06 | SI Effects in System-on-Chip Designs.pdf                    | 182  |
| 12948 | 12/01/08 | SI in System-on-Package.pdf                                 | 180  |

|       |   |  |      |
|-------|---|--|------|
| 12949 | 12/12/15  | Signal Integrity Analysis of High-Speed Packaging.pdf          | 254  |
| 12950 | 24/02/11  | Simultaneous Switching Noise Simulation.pdf                    | 407  |
| 12951 | 26/08/06  | Simultaneous-Switching Performance.pdf                         | 378  |
| 12952 | 01/03/11  | SI-PI for High-Speed Memory I-O Circuits.pdf                   | 2960 |
| 12953 | 26/08/06  | SoC SI & Power Delivery.pdf                                    | 2876 |
| 12954 | 19/06/15  | Suppression of Parasitic Substrate Modes in Multilayer ICs.pdf | 419  |
| 12955 | 13/11/12  | Switch Charge Injection.pdf                                    | 280  |
| 12956 | 08/01/15  | System in Package (SiP) using HDI.pdf                          | 1784 |
| 12957 | 25/08/06  | System-in-Package Technology.pdf                               | 382  |
| 12958 | 20/08/15  | Through Silicon Via (TSV) Surface Roughness Model.pdf          | 541  |
| 12959 | 20/10/15  | Transient Analysis of TSV Equivalent Circuit.pdf               | 691  |
| 12960 | 14/04/15  | USB3.1 Silicon and Channel Design.pdf                          | 1671 |
| 12961 | <b>Intégrité du signal (SI)\Immunité</b>                          |  |      |
| 12962 | 24/07/12  | Cable Shield Reduction Factor - Mardiguian.pdf                 | 697  |
| 12963 | 12/11/08  | Couplage par substrat en CI mixte.pdf                          | 4761 |
| 12964 | 12/03/15  | High Immunity LVDS Transmitter in 0.18-µm CMOS.pdf             | 687  |
| 12965 | 19/06/15  | IC Modeling for Susceptibility Prediction.pdf                  | 1869 |
| 12966 | 25/01/13  | Mardiguian_DD12 Cable shielding factor vs Zt.pdf               | 1793 |
| 12967 | 01/10/12  | Microcontrollers Resonances in Foot-Point Loops.pdf            | 893  |
| 12968 | 02/06/12  | Power Injection Aggression on 16 bit Input Buffer.pdf          | 486  |
| 12969 | 09/10/12  | Radiated Immunity of PCBs Using SPICE.pdf                      | 132  |
| 12970 | 02/06/12  | Susceptibilité des circuits aux agressions EM.pdf              | 142  |
| 12971 | <b>Intégrité du signal (SI)\Interconnexions ... haute vitesse</b> |  |      |
| 12972 | 23/01/14  | Adjustable Cable Equalizer Circuit.pdf                         | 112  |
| 12973 | 28/01/12  | Analysis of interconnects ? 6GHz 2010.pdf                      | 822  |
| 12974 | 21/11/14  | Analysis of Non-Linear Effects in Serial Links.pdf             | 828  |
| 12975 | 03/03/09  | Analysis of Skin Effect in Interconnects.pdf                   | 212  |
| 12976 | 28/10/08  | Block-by-Block Link Path.pdf                                   | 280  |
| 12977 | 21/08/09  | Block-by-Block Link-Path Analysis.pdf                          | 3148 |
| 12978 | 21/11/14  | Bond Wire Interconnects using M3-Approach.pdf                  | 1477 |
| 12979 | 21/11/12  | Capacitively Loaded PCB Interconnections.pdf                   | 538  |
| 12980 | 27/06/14  | Conductor Surface Roughness Effects.pdf                        | 397  |
| 12981 | 01/08/12  | Connectivity in Industrial Applications.pdf                    | 439  |
| 12982 | 24/11/13  | Decompositional EM Analysis of Interconnects.pdf               | 508  |
| 12983 | 13/11/04  | Delay Interconnect Lines.pdf                                   | 195  |

|       |          |  |      |
|-------|----------|--|------|
| 12984 | 17/10/12 | Design for Chip-to-Chip Interconnects.pdf                  | 2185 |
| 12985 | 20/01/14 | Designing HS Cable Assemblies.pdf                          | 4122 |
| 12986 | 16/10/12 | Differential Wires with Slip Ring Capsule.pdf              | 532  |
| 12987 | 13/11/04 | Digital Boards Interconnections.pdf                        | 216  |
| 12988 | 18/11/13 | Discontinuous and Asymmetric Structures.pdf                | 253  |
| 12989 | 11/01/08 | Effects of Signal Trace's Termination.pdf                  | 118  |
| 12990 | 24/11/13 | Electromagnetic Analysis of Interconnects.pdf              | 1684 |
| 12991 | 21/11/14 | EM modeling of high speed interconnects for SI.pdf         | 2865 |
| 12992 | 21/08/15 | EMI Coupling in a Board-to-Board Connector.pdf             | 630  |
| 12993 | 23/01/13 | Excited Multiconductor Transmission Lines.pdf              | 420  |
| 12994 | 18/11/13 | Fast Channel Performance Evaluation.pdf                    | 948  |
| 12995 | 05/12/04 | Finite Substrate & Interconnections.pdf                    | 121  |
| 12996 | 31/12/06 | Flexible printed interconnects.pdf                         | 461  |
| 12997 | 25/11/13 | HF Performance Limits of Nanointerconnects.pdf             | 300  |
| 12998 | 02/12/08 | HF SI in High Density Assemblies.pdf                       | 3321 |
| 12999 | 24/11/13 | High Speed Single-Ended Bus.pdf                            | 2493 |
| 13000 | 04/10/11 | High-Speed Backplane Connectors.pdf                        | 939  |
| 13001 | 24/11/13 | High-Speed Channels - Package and PCB Interface.pdf        | 898  |
| 13002 | 15/05/12 | High-Speed CMOS Laser Driver.pdf                           | 2198 |
| 13003 | 08/01/08 | High-Speed Signaling Systems EMC.pdf                       | 660  |
| 13004 | 13/04/15 | IBIS-AMI Model With Measured Waveform.pdf                  | 486  |
| 13005 | 13/10/14 | Impact on SI of Interconnect Variabilities.pdf             | 773  |
| 13006 | 20/11/14 | Interconnect Impedance Optimization for high speed IO.pdf  | 763  |
| 13007 | 21/11/14 | Interconnect Modeling Challenges.pdf                       | 2666 |
| 13008 | 26/08/06 | Interconnections & SI.pdf                                  | 505  |
| 13009 | 06/03/04 | Interconnections Characterization.pdf                      | 324  |
| 13010 | 28/05/15 | Keysight SuperSpeed USB 3.1 Physical Layer.pdf             | 1681 |
| 13011 | 21/03/04 | Lignes non uniformes.pdf                                   | 124  |
| 13012 | 12/12/06 | Link Path Modelling for SI Analysis.pdf                    | 318  |
| 13013 | 10/11/13 | Managing PI for 3D Integration.pdf                         | 1803 |
| 13014 | 14/05/12 | Mixed-Mode ABCD Parameters.pdf                             | 954  |
| 13015 | 28/01/12 | Mixed-Mode S-Parameter Characterisation.pdf                | 232  |
| 13016 | 27/11/13 | Mode Conversion & Radiation from High-Speed Connectors.pdf | 375  |
| 13017 | 25/08/06 | Model for Inter-Chip Busses.pdf                            | 628  |
| 13018 | 16/07/14 | Modeling of Multiconductor Line RLGC-parameters.pdf        | 850  |

|       |  |   |      |
|-------|--|---|------|
| 13019 | 21/08/13   | Multiconductor Transmission Lines.pdf                             | 201  |
| 13020 | 04/01/07   | Multi-Port Lossy Transmission Line.pdf                            | 284  |
| 13021 | 02/09/12   | Noise, Cross-talk, Jitter, Skew, and EMI.pdf                      | 196  |
| 13022 | 25/08/06   | Parallel Transport & Interconnect.pdf                             | 2043 |
| 13023 | 01/03/09   | PCB Interconnects & Ground Tracks.pdf                             | 301  |
| 13024 | 21/08/15   | Physics From Edge-Coupled Signal Connectors.pdf                   | 500  |
| 13025 | 14/04/15   | QSFP28 Connector Footprint Optimization.pdf                       | 1541 |
| 13026 | 26/02/16   | Radiation from High-Speed High-Density Connectors.pdf             | 849  |
| 13027 | 15/02/11   | Return-Path Discontinuity on Interconnects.pdf                    | 410  |
| 13028 | 10/12/07   | Serpentine Delay Line w Guard Traces.pdf                          | 305  |
| 13029 | 17/10/14   | SI of MLVDS Multi-master Instrument Bus.pdf                       | 976  |
| 13030 | 18/08/09   | SI of multi Gbps interconnects.pdf                                | 820  |
| 13031 | 16/10/12   | Simulation and Measurement Correlation.pdf                        | 1271 |
| 13032 | 13/04/15   | Skew Compensation in High Speed Interconnects.pdf                 | 486  |
| 13033 | 20/11/14   | Suppressing Resonance of Multi-Port Transfer Function.pdf         | 1013 |
| 13034 | 13/04/15   | Trace-to-Via Coupling Effect in Differential Interconnects.pdf    | 609  |
| 13035 | 29/11/13   | Transmission Lines Design for 2.5D Silicon Interposer.pdf         | 305  |
| 13036 | 08/10/12   | Unintended Passive Resonant Structures.pdf                        | 613  |
| 13037 | 13/04/15   | USB On-The-Go for Mobile Designs.pdf                              | 618  |
| 13038 | 25/08/06   | VDSM Layout Design Issues.pdf                                     | 1532 |
| 13039 | 15/02/11   | Vector Fitting for Broadband Interconnect.pdf                     | 175  |
| 13040 | 20/12/04   | Via & Discontinuity Impact on SI.pdf                              | 209  |
| 13041 | 06/03/04   | Via Holes Discontinuities.pdf                                     | 249  |
| 13042 | 05/03/04   | Via Transitions Model.pdf   | 237  |
| 13043 | 31/12/06   | Wilkinson Power Divider.pdf                                       | 444  |
| 13044 | 25/08/06   | Wires Interconnections.pdf  | 490  |
| 13045 | <b>Intégrité du signal (SI)\Jitter (gigue) et bruit de phase</b> |   |      |
| 13046 | 20/08/09   | A Novel Jitter-Noise Metric.pdf                                   | 166  |
| 13047 | 25/08/07   | ADC Jitter.pdf  | 141  |
| 13048 | 07/10/14   | Analytical Jitter Estimation with Supply Voltage Fluctuations.pdf | 796  |
| 13049 | 01/07/13   | C2C Jitter and Long Term Jitter.pdf                               | 813  |
| 13050 | 25/06/15   | Characterization of Random Skew and Jitter.pdf                    | 1297 |
| 13051 | 01/07/13   | Clock Decoupling Layout Recommendations 2v1.pdf                   | 167  |
| 13052 | 04/03/14   | Clock Recovery for Jitter Analysis.pdf                            | 232  |
| 13053 | 24/02/11   | Coupling Induced Jitter in FPGA Transceivers.pdf                  | 644  |

|       |          |   |      |
|-------|----------|---|------|
| 13054 | 15/02/11 | Coupling-Induced Jitter in FPGA.pdf                           | 275  |
| 13055 | 13/04/15 | DDR Clock Jitter Analysis.pdf                                 | 424  |
| 13056 | 03/12/12 | Design of Phase Locked Loops References.pdf                   | 85   |
| 13057 | 03/12/12 | Design of Phase Locked Loops.pdf                              | 120  |
| 13058 | 20/08/15 | Deterministic Jitter and Crosstalk-Induced Jitter.pdf         | 701  |
| 13059 | 13/04/15 | Duty Cycle Distortion Amplification.pdf                       | 165  |
| 13060 | 15/05/12 | Electrical and Jitter Interoperability.pdf                    | 906  |
| 13061 | 28/10/07 | EMI-Induced Timing Jitter.pdf                                 | 182  |
| 13062 | 21/11/14 | Essential Principles of Jitter.pdf                            | 3913 |
| 13063 | 30/07/13 | FPGA SPARTAN6 skew.pdf  | 49   |
| 13064 | 24/08/09 | High-Speed Signal Link Path and Jitter.pdf                    | 1377 |
| 13065 | 31/08/07 | ICEM Model for PLL Jitter Analysis.pdf                        | 706  |
| 13066 | 20/01/05 | Intel AP-667.pdf  | 106  |
| 13067 | 22/05/15 | JESD204B multi-device synchronization.pdf                     | 72   |
| 13068 | 14/02/12 | JitKit Operators's Manual.pdf                                 | 839  |
| 13069 | 18/02/12 | Jitter & Timing Analysis.pdf                                  | 840  |
| 13070 | 04/03/14 | Jitter Analysis - Dirac Model.pdf                             | 265  |
| 13071 | 25/06/15 | Jitter and Wander Measurements and Standards.pdf              | 2916 |
| 13072 | 28/08/08 | Jitter Basics & Measurement methods.pdf                       | 573  |
| 13073 | 14/10/12 | Jitter Characterization of High Speed I-O Systems.pdf         | 927  |
| 13074 | 20/11/14 | Jitter Equalization Technique for Minimizing Supply Noise.pdf | 825  |
| 13075 | 26/03/07 | Jitter in CMOS Ring Oscillators.pdf                           | 627  |
| 13076 | 20/11/14 | Jitter induced by fibre weave effect in PCB dielectrics.pdf   | 908  |
| 13077 | 06/10/14 | Jitter Induced Voltage Noise in Clock Channels.pdf            | 398  |
| 13078 | 03/08/08 | Jitter measurement - Ferianis.pdf                             | 2544 |
| 13079 | 09/06/13 | Jitter Measurement Techniques.pdf                             | 112  |
| 13080 | 09/06/13 | Jitter Measurements Tutorial.pdf                              | 609  |
| 13081 | 26/10/08 | Jitter Modeling in Link Simulation.pdf                        | 108  |
| 13082 | 20/08/15 | Jitter Probability Density Due to Voltage Fluctuations.pdf    | 492  |
| 13083 | 21/08/15 | Jitter-Induced Voltage Noise in Clock Channels.pdf            | 333  |
| 13084 | 26/10/12 | Measure Phase Noise Close to a Carrier.pdf                    | 294  |
| 13085 | 28/08/15 | Noise and Jitter at High-Speed Output Buffer.pdf              | 1684 |
| 13086 | 09/06/13 | On-Chip Time-to-Voltage Converter.pdf                         | 1157 |
| 13087 | 17/04/03 | Oscillator Jitter.pdf   | 161  |
| 13088 | 04/03/14 | PCI Express Jitter and BER.pdf                                | 269  |

|       |  |   |      |
|-------|--|---|------|
| 13089 | 22/11/08   | Phase Noise & Intercarrier Interference.pdf           | 120  |
| 13090 | 02/09/07   | Phase noise & jitter of fractional-N PLLs.pdf         | 624  |
| 13091 | 22/11/08   | Phase Noise in OFDM.pdf                               | 108  |
| 13092 | 17/04/03   | phase noise prediction.pdf                            | 298  |
| 13093 | 19/04/03   | PLL noise+jitter.pdf                                  | 356  |
| 13094 | 03/11/13   | Power-Supply Noise Rejection in PLL Clock.pdf         | 483  |
| 13095 | 01/07/13   | Probing Oscillator Output.pdf                         | 850  |
| 13096 | 26/10/12   | Reducing Phase Noise.pdf                              | 676  |
| 13097 | 16/04/15   | Reducing Power-Supply and Ground Noise.pdf            | 1027 |
| 13098 | 26/03/07   | RF Effects on the Clock Networks.pdf                  | 234  |
| 13099 | 31/12/06   | RFI Impact of Clock & Signal Encoding.pdf             | 717  |
| 13100 | 15/05/13   | Serial-IO Phase Jitter Requirement.pdf                | 116  |
| 13101 | 03/11/13   | Signal Integrity Design and Jitter.pdf                | 1400 |
| 13102 | 27/10/08   | Specifications for Jitter Test-Signal.pdf             | 136  |
| 13103 | 26/02/16   | Statistical Characteristics of Jitter Due to SSN.pdf  | 538  |
| 13104 | 15/02/11   | Stressed Jitter Analysis.pdf                          | 243  |
| 13105 | 06/12/05   | Superior Jitter Management.pdf                        | 100  |
| 13106 | 13/04/15   | Supply Induced Jitter in High Speed Serial Links.pdf  | 564  |
| 13107 | 13/04/15   | Supply Noise Induced Jitter for High Speed Clock.pdf  | 645  |
| 13108 | 17/10/14   | Tail-Fit Method Design for Jitter Decomposition.pdf   | 465  |
| 13109 | 20/01/05   | Tektro Jitter measurement.pdf                         | 362  |
| 13110 | <b>Intégrité du signal (SI)\Lignes &amp; symétrisation</b> |   |      |
| 13111 | 31/08/08   | Agilent Distributed Components.pdf                    | 1993 |
| 13112 | 03/09/07   | Altered Phase Velocity Lines.pdf                      | 292  |
| 13113 | 17/10/11   | Asymmetry in Multi-Channel Differential Signaling.pdf | 374  |
| 13114 | 05/10/11   | Balanced Filter in Communication System.pdf           | 367  |
| 13115 | 16/10/12   | Balanced Modes Using a Clamping Transformer.pdf       | 232  |
| 13116 | 30/09/13   | Bended Differential Lines using Compensation Cap.pdf  | 997  |
| 13117 | 31/08/07   | Brief History of Lines for EMC.pdf                    | 241  |
| 13118 | 02/03/09   | Capacitance Matrix of a Wire Line.pdf                 | 296  |
| 13119 | 30/03/10   | Causal RLGC (f) Models.pdf                            | 382  |
| 13120 | 26/11/13   | CM Filter for 10-Gbits Differential Signal.pdf        | 510  |
| 13121 | 15/12/06   | CM Filter on Twisted Differential Lines.pdf           | 288  |
| 13122 | 29/10/11   | CM Noise from Differential Systems.pdf                | 747  |
| 13123 | 16/04/15   | CM Noise Reduction on Broadsidecoupled Line.pdf       | 460  |

|       |          |  |      |
|-------|----------|--|------|
| 13124 | 06/03/04 | Com.-to-Dif. Mode PCB Transitions.pdf                        | 160  |
| 13125 | 11/11/13 | Common Mode Noise Mitigation.pdf                             | 4767 |
| 13126 | 17/10/14 | Common Mode Suppression on Differential Microstrip Lines.pdf | 711  |
| 13127 | 17/10/14 | Compensation of Differential Lines Turnoff Point.pdf         | 1222 |
| 13128 | 02/03/09 | Conductor-Backed Coplanar Waveguide.pdf                      | 211  |
| 13129 | 31/12/06 | C-to-D Mode Conversion on Crosstalk.pdf                      | 419  |
| 13130 | 06/08/15 | DDR4 Registered DIMM Design File.pdf                         | 274  |
| 13131 | 25/08/06 | Differential & Hi-Speed Systems.pdf                          | 3354 |
| 13132 | 11/10/06 | Differential Driver Asymmetries.pdf                          | 206  |
| 13133 | 26/08/06 | Differential Interconnects Issues.pdf                        | 742  |
| 13134 | 05/03/04 | Differential Interconnects.pdf                               | 109  |
| 13135 | 24/11/13 | Differential Line Tight to Loose Transitions.pdf             | 358  |
| 13136 | 10/09/05 | differential lines - odd-mode Z.pdf                          | 189  |
| 13137 | 27/05/10 | Differential Lines in Multilayer PCBs.pdf                    | 424  |
| 13138 | 01/12/04 | Differential Lines Radiation on PCB.pdf                      | 269  |
| 13139 | 27/11/13 | Differential Lines with Serpentine Equi-Distance Routing.pdf | 2533 |
| 13140 | 24/11/07 | Differential Nonideal Return Path.pdf                        | 313  |
| 13141 | 11/07/12 | Differential Serpentine Delay Microstrip Line.pdf            | 925  |
| 13142 | 20/12/04 | Differential Signal Mode Conversion.pdf                      | 214  |
| 13143 | 12/11/04 | Differential Signal Source Imbalances.pdf                    | 196  |
| 13144 | 09/02/11 | Differential Signal Via Shield.pdf                           | 326  |
| 13145 | 09/02/11 | Differential Signaling System Imbalance.pdf                  | 145  |
| 13146 | 05/12/13 | Differential Signaling.pdf                                   | 240  |
| 13147 | 27/11/13 | Differential Signalling IO Buffer Optimization.pdf           | 912  |
| 13148 | 15/05/13 | Differential Terminations.pdf                                | 280  |
| 13149 | 05/03/04 | Differential Transmission Lines.pdf                          | 111  |
| 13150 | 25/02/04 | Differential Vias Modelling.pdf                              | 177  |
| 13151 | 20/10/08 | Differential Vias Transitions in a PCB.pdf                   | 474  |
| 13152 | 13/01/08 | Discontinuities in Transmission Lines.pdf                    | 323  |
| 13153 | 20/08/09 | DM Noise on the PCB's Signal Traces.pdf                      | 311  |
| 13154 | 19/11/13 | DM to CM Conversion due to GND via Configurations.pdf        | 938  |
| 13155 | 31/12/06 | EBG types of Power Bus Structures.pdf                        | 233  |
| 13156 | 13/10/14 | EBG-Based Common Mode Filter.pdf                             | 279  |
| 13157 | 03/10/07 | Effet des EMI sur câble de transmission.pdf                  | 156  |
| 13158 | 24/02/11 | EMI from Imbalance Difference Model.pdf                      | 562  |



|       |          |   |      |
|-------|----------|---|------|
| 13159 | 26/10/08 | External RF Energy on High-Speed DS.pdf                                   | 284  |
| 13160 | 19/06/15 | Extraction of Coplanar Symmetrical Meander Lines.pdf                      | 877  |
| 13161 | 19/12/14 | FETD for Multiconductor Transmission Lines.pdf                            | 625  |
| 13162 | 03/09/07 | Forward and Backward Coupling.pdf   | 311  |
| 13163 | 10/01/11 | GHz Differential Lines Crossing Slotted Planes.pdf                        | 193  |
| 13164 | 26/10/08 | Grounding for Audio Systems.pdf   | 354  |
| 13165 | 31/03/11 | Group Velocity in a Transmission Line.pdf                                 | 60   |
| 13166 | 31/12/06 | H Field of AC Transmission Lines.pdf                                      | 112  |
| 13167 | 20/12/04 | HF Lossy Differential Signal Line.pdf                                     | 385  |
| 13168 | 31/12/06 | High Speed Differential Backplane Pair.pdf                                | 265  |
| 13169 | 26/09/11 | High Speed Differential I-O Overview.pdf                                  | 292  |
| 13170 | 28/10/08 | High-Speed Differential Data Links.pdf                                    | 298  |
| 13171 | 11/09/02 | HI-speed Differential Pair.pdf  | 114  |
| 13172 | 12/01/14 | Imbalance and Its Role in Differential Lines.pdf                          | 283  |
| 13173 | 13/04/15 | Improving Differential Channel Routing Design.pdf                         | 361  |
| 13174 | 01/03/11 | Introduction to Coupling Equations.pdf                                    | 2753 |
| 13175 | 09/10/12 | Investigation of the Imbalance Difference Model.pdf                       | 342  |
| 13176 | 29/10/08 | LC Filter for Reduction of WWAN Noise.pdf                                 | 527  |
| 13177 | 16/07/14 | Limiting Aspects of Transmission Line Theory.pdf                          | 895  |
| 13178 | 11/10/13 | Lines Crossing Split Reference Planes in PCBs.pdf                         | 608  |
| 13179 | 31/08/07 | Lossy Coaxial Cable Line Parameters.pdf                                   | 276  |
| 13180 | 06/03/09 | Lossy MTL's with Linear Terminations.pdf                                  | 258  |
| 13181 | 02/12/07 | LVDS Low-Voltage Differential Signaling.pdf                               | 129  |
| 13182 | 15/10/13 | Method of Lines in the time domain.pdf                                    | 173  |
| 13183 | 13/11/07 | Microstrip Internal Inductance & Loss.pdf                                 | 131  |
| 13184 | 16/04/15 | Microstrip Line with Conductor Surface Roughness.pdf                      | 499  |
| 13185 | 20/03/09 | Microstrip Transmission Line.pdf  | 545  |
| 13186 | 11/01/08 | Mismatches in HF Differential Signal.pdf                                  | 261  |
| 13187 | 19/08/09 | Mixed-Mode for Differential Signal Vias.pdf                               | 211  |
| 13188 | 27/11/13 | Mode Conversion & Radiation from High-Speed Connectors.pdf                | 375  |
| 13189 | 08/10/12 | Mode Conversion due to Asymmetric GND Vias.pdf                            | 832  |
| 13190 | 19/08/09 | Mode Conversion Effects in Multi-Gbps.pdf                                 | 934  |
| 13191 | 10/09/05 | Mode Conversion in Clock Signal.pdf                                       | 167  |
| 13192 | 11/05/15 | Mode Conversion in Unbalanced Differential Lines.pdf                      | 596  |
| 13193 | 29/07/15 | Mode Conversion on Differential Signal Vias Due to Asymmetric GND Via.pdf | 496  |

|       |          |   |      |
|-------|----------|---|------|
| 13194 | 19/08/12 | Modeling automotive FlexRay transceivers.pdf                      | 245  |
| 13195 | 31/08/08 | Modelling of Delay Lines on PCB.pdf                               | 187  |
| 13196 | 07/02/11 | Multichannel Pseudo-Differential Links.pdf                        | 343  |
| 13197 | 02/03/09 | Multiconductor Transmission Lines.pdf                             | 170  |
| 13198 | 18/12/07 | Multi-Gigabit I-O Link Design.pdf                                 | 271  |
| 13199 | 31/12/06 | Multilayered Shielded Meander Line.pdf                            | 168  |
| 13200 | 16/12/06 | Multiport High-Speed Balanced Devices.pdf                         | 159  |
| 13201 | 08/02/16 | Networks of HF inhomogeneous transmission lines.pdf               | 566  |
| 13202 | 10/05/12 | Nexans - Cable Balance for Noise Susceptibility.pdf               | 95   |
| 13203 | 03/03/09 | Nonuniform LCRG Line with Sources.pdf                             | 227  |
| 13204 | 18/12/07 | Nonuniform Multiconductor Lines.pdf                               | 163  |
| 13205 | 04/12/04 | Nonuniform Transmission Lines.pdf                                 | 185  |
| 13206 | 28/02/09 | Parameters of Symmetric Lines.pdf                                 | 131  |
| 13207 | 30/05/09 | Passive charge balancing.pdf                                      | 144  |
| 13208 | 22/06/03 | PCB differential line.pdf   | 566  |
| 13209 | 23/02/02 | PCB differential signal.pdf                                       | 472  |
| 13210 | 17/10/11 | PCB Lines with the Inclusion of Uncertainties.pdf                 | 185  |
| 13211 | 31/12/14 | Per-Unit-Length Inductance and Resistance of Microstrip Lines.pdf | 235  |
| 13212 | 30/11/11 | Power Delivery for Single-Ended Signaling.pdf                     | 1756 |
| 13213 | 07/09/11 | Power Transmission Line for Parallel Links.pdf                    | 594  |
| 13214 | 31/12/06 | Power-Bus to Reduce Edge Radiation.pdf                            | 155  |
| 13215 | 23/04/13 | Pseudo-balanced Signaling Using Power Lines.pdf                   | 1786 |
| 13216 | 25/02/09 | Quasi-TEM Modes in Parallel-Line.pdf                              | 325  |
| 13217 | 20/12/04 | R, L, G, C of Transmission Lines.pdf                              | 144  |
| 13218 | 09/10/12 | Radiation from Asymmetrical Differential-Pairs.pdf                | 380  |
| 13219 | 28/10/07 | Radiation Loss From a Bent Line.pdf                               | 74   |
| 13220 | 10/12/07 | Reflection of Rectangular Waveguide.pdf                           | 101  |
| 13221 | 16/04/15 | RLGC Extraction for Transmission Line.pdf                         | 363  |
| 13222 | 07/05/09 | Setup for DM and CM channels.pdf                                  | 52   |
| 13223 | 15/11/11 | SI-EMC Issues with Discontinuities.pdf                            | 875  |
| 13224 | 26/08/08 | Single-Ended vs Differential Signaling.pdf                        | 614  |
| 13225 | 12/12/15 | Sonnet Microstrip Models.pdf                                      | 3319 |
| 13226 | 05/03/04 | Source Imbalances.pdf   | 196  |
| 13227 | 21/08/13 | Spurious Effects in Coplanar Waveguides.pdf                       | 481  |
| 13228 | 16/12/06 | Stripline Link-Path Up To 20 GHz.pdf                              | 303  |

|       |   |   |       |
|-------|---|---|-------|
| 13229 | 10/12/07  | Stripline Simulation Model.pdf                              | 283   |
| 13230 | 31/08/08  | Stripline Simulation Models.pdf                             | 444   |
| 13231 | 26/02/16  | TDFEM for Frequency-Dependent Transmission Lines.pdf        | 216   |
| 13232 | 17/10/11  | Trace Referenced to a Meshed Ground Plane.pdf               | 313   |
| 13233 | 05/02/08  | Transformer Shielding Concept.pdf                           | 313   |
| 13234 | 23/12/07  | Transmission Line Attenuation.pdf                           | 270   |
| 13235 | 19/08/12  | Transmission line simulation model.pdf                      | 182   |
| 13236 | 13/12/06  | Transmission Lines and Signal Integrity.pdf                 | 143   |
| 13237 | 03/09/07  | Transmission Through Cylindrical Cavities.pdf               | 260   |
| 13238 | 01/12/08  | Transmission-Line Loss.pdf                                  | 1288  |
| 13239 | 08/02/16  | Transmission-line super theory.pdf                          | 446   |
| 13240 | 13/11/04  | Twisted Pair Wires & Ferrite Core.pdf                       | 247   |
| 13241 | 07/09/11  | Twisted-Wire Pair Exposed to a Plane-Wave.pdf               | 209   |
| 13242 | 30/12/14  | Two-Port Model for a Transmission Line of Finite Length.pdf | 504   |
| 13243 | 23/12/07  | Unbalance of Differential Microstrip Line.pdf               | 249   |
| 13244 | 31/08/07  | Uniform Wire Internal Impedance.pdf                         | 119   |
| 13245 | 08/10/12  | Validation of Mode-conversion Sources.pdf                   | 289   |
| 13246 | 20/12/04  | Via Model for Differential Line.pdf                         | 192   |
| 13247 | 05/12/04  | Vias in Differential Signals.pdf                            | 177   |
| 13248 | 08/01/11  | What s My Impedance?.pdf                                    | 323   |
| 13249 | 21/08/12  | WP_TCL_et_Affaiblissement_de_couplage.pdf                   | 297   |
| 13250 | 03/04/09  | X2Y Optimized Input Filter.pdf                              | 427   |
| 13251 | 05/09/07  | xDSL impedance & mode conversion.pdf                        | 284   |
| 13252 | 31/12/10  | Z différentielle et pistes déséquilibrées.pdf               | 322   |
| 13253 | <b>Intégrité du signal (SI)\Logiciels pour IS</b>       |   |       |
| 13254 | 07/03/13  | 5SpiceAnalysis167.exe                                       | 4294  |
| 13255 | 07/03/13  | Hspice_downloader.exe                                       | 3746  |
| 13256 | 01/03/09  | IC EMC - Past Present and Future.pdf                        | 954   |
| 13257 | 29/05/12  | icemc.zip   | 9201  |
| 13258 | 07/03/13  | LTspiceIV.exe   | 13324 |
| 13259 | 11/09/12  | LTspiceIV.webloc  |       |
| 13260 | 03/07/12  | Modèle IBIS HVD257.ibs                                      | 196   |
| 13261 | 07/03/13  | rftcalc70.exe   | 1047  |
| 13262 | 27/02/13  | WinSpice1.06.00.exe   | 7100  |
| 13263 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2</b> |   |       |

|       |  |                        |      |
|-------|--|------------------------|------|
| 13264 | 17/02/11   | 4nec2.lnk              |      |
| 13265 | 17/02/11   | Build.lnk              |      |
| 13266 | 07/03/13   | Setup_4nec2.exe        | 4224 |
| 13267 | 17/02/11   | View.lnk               |      |
| 13268 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot</b>              |                        |      |
| 13269 | 15/04/04   | BUGS                   | 1    |
| 13270 | 10/04/04   | Copyright              | 2    |
| 13271 | 15/04/04   | INSTALL                | 32   |
| 13272 | 15/04/04   | NEWS                   | 32   |
| 13273 | 15/04/04   | README                 | 10   |
| 13274 | 15/04/04   | README.1ST             | 5    |
| 13275 | 16/04/04   | README.Windows         | 4    |
| 13276 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot\bin</b>          |                        |      |
| 13277 | 16/04/04   | gpsavediff             | 2    |
| 13278 | 18/05/99   | gpsavediff.cmd         | 1    |
| 13279 | 07/03/13   | pgnuplot.exe           | 6    |
| 13280 | 07/03/13   | wgnuplot.exe           | 1475 |
| 13281 | 19/04/04   | wgnuplot.hlp           | 562  |
| 13282 | 18/04/03   | wgnuplot.mnu           | 15   |
| 13283 | 07/03/13   | wgnuplot_pipes.exe     | 1477 |
| 13284 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot\contrib\pm3d</b> |                        |      |
| 13285 | 31/10/00   | colorpts.awk           | 1    |
| 13286 | 03/03/02   | pm3dCompress.awk       | 4    |
| 13287 | 08/07/02   | pm3dConvertToImage.awk | 7    |
| 13288 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot\demo</b>         |                        |      |
| 13289 | 15/04/98   | 1.dat                  | 1    |
| 13290 | 15/04/98   | 2.dat                  | 1    |
| 13291 | 15/04/98   | 3.dat                  | 1    |
| 13292 | 16/12/03   | airfoil.dem            | 5    |
| 13293 | 21/10/02   | all.dem                | 3    |
| 13294 | 28/10/03   | animate.dem            | 1    |
| 13295 | 21/10/02   | arrowstyle.dat         | 1    |
| 13296 | 03/07/03   | arrowstyle.dem         | 3    |
| 13297 | 15/04/98   | battery.dat            | 1    |
| 13298 | 28/10/03   | binary.dem             | 1    |

|       |          |                    |    |
|-------|----------|--------------------|----|
| 13299 | 15/04/04 | binary1            | 3  |
| 13300 | 15/04/04 | binary2            | 4  |
| 13301 | 15/04/04 | binary3            | 4  |
| 13302 | 13/12/03 | bivariat.dem       | 3  |
| 13303 | 17/10/03 | candlesticks.dem   | 1  |
| 13304 | 25/12/03 | charset.dem        | 2  |
| 13305 | 28/10/03 | contours.dem       | 4  |
| 13306 | 17/10/99 | controls.dem       | 1  |
| 13307 | 15/04/98 | density.fnc        | 1  |
| 13308 | 28/10/03 | discrete.dem       | 1  |
| 13309 | 20/02/04 | electron.dem       | 2  |
| 13310 | 25/12/03 | enhancedtext.dem   | 2  |
| 13311 | 28/10/03 | fillcrvs.dem       | 2  |
| 13312 | 17/10/03 | fillstyle.dem      | 2  |
| 13313 | 23/11/00 | fit.dem            | 9  |
| 13314 | 28/10/03 | fontfile.dem       | 2  |
| 13315 | 28/10/03 | fontfile_latex.dem | 2  |
| 13316 | 15/04/98 | glass.dat          | 9  |
| 13317 | 22/04/98 | gnuplot.rot        | 1  |
| 13318 | 15/04/98 | hemisphr.dat       | 7  |
| 13319 | 15/04/98 | hexa.fnc           | 1  |
| 13320 | 28/10/03 | hidden.dem         | 1  |
| 13321 | 15/04/98 | klein.dat          | 20 |
| 13322 | 15/04/98 | lcdemo.dat         | 2  |
| 13323 | 13/01/04 | mgr.dem            | 3  |
| 13324 | 15/04/98 | moli3.dat          | 10 |
| 13325 | 17/10/03 | mousevariables.dem | 2  |
| 13326 | 28/10/03 | multimsh.dem       | 1  |
| 13327 | 28/10/03 | multiplt.dem       | 3  |
| 13328 | 17/10/03 | param.dem          | 1  |
| 13329 | 15/12/03 | pm3d.dem           | 11 |
| 13330 | 17/10/03 | pm3dcolors.dem     | 4  |
| 13331 | 17/10/03 | pm3dgamma.dem      | 1  |
| 13332 | 13/01/04 | polar.dem          | 1  |
| 13333 | 28/10/03 | poldat.dem         | 16 |

|       |  |                |      |
|-------|--|----------------|------|
| 13334 | 14/02/04   | prob.dem       | 22   |
| 13335 | 14/02/04   | prob2.dem      | 10   |
| 13336 | 13/02/04   | random.dem     | 1    |
| 13337 | 22/04/98   | reflect.fnc    | 1    |
| 13338 | 28/10/03   | scatter.dem    | 1    |
| 13339 | 15/04/98   | scatter2.dat   | 2    |
| 13340 | 15/04/98   | silver.dat     | 2    |
| 13341 | 17/10/99   | simple.dem     | 1    |
| 13342 | 28/10/03   | singulr.dem    | 4    |
| 13343 | 15/04/98   | soundvel.dat   | 4    |
| 13344 | 28/10/03   | spline.dem     | 3    |
| 13345 | 18/09/01   | stat.inc       | 6    |
| 13346 | 17/10/03   | steps.dem      | 1    |
| 13347 | 28/10/03   | surface1.dem   | 6    |
| 13348 | 17/10/99   | surface2.dem   | 2    |
| 13349 | 17/10/03   | textcolor.dem  | 2    |
| 13350 | 17/10/03   | textrotate.dem | 1    |
| 13351 | 15/04/98   | timedat.dat    | 1    |
| 13352 | 28/10/03   | timedat.dem    | 1    |
| 13353 | 15/04/98   | using.dat      | 6    |
| 13354 | 28/10/03   | using.dem      | 1    |
| 13355 | 28/10/03   | vector.dem     | 3    |
| 13356 | 18/02/04   | webify.pl      | 3    |
| 13357 | 15/04/98   | whale.dat      | 95   |
| 13358 | 15/04/98   | world.cor      | 3    |
| 13359 | 15/04/98   | world.dat      | 17   |
| 13360 | 28/10/03   | world.dem      | 2    |
| 13361 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot\docs</b>                     |                |      |
| 13362 | 14/04/04   | FAQ.html       | 88   |
| 13363 | 14/04/04   | FAQ.txt        | 60   |
| 13364 | 16/04/04   | gnuplot.pdf    | 1012 |
| 13365 | 15/04/04   | gpcard.pdf     | 106  |
| 13366 | 15/04/04   | gpcard.ps.gz   | 87   |
| 13367 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot\docs\postscript-terminal</b> |                |      |
| 13368 | 19/03/99   | ps_file.doc    | 12   |

|       |   |   |       |
|-------|---|---|-------|
| 13369 | 15/04/04  | ps_fontfile_doc.ps.gz                               | 322   |
| 13370 | 18/04/03  | ps_fontfile_doc.tex                                 | 10    |
| 13371 | 19/02/03  | ps_guide.ps   | 23    |
| 13372 | 03/11/00  | ps_symbols.gp                                       | 7     |
| 13373 | 03/11/00  | ps_symbols.gpi                                      | 7     |
| 13374 | 15/04/04  | ps_symbols.ps                                       | 19    |
| 13375 | 02/09/02  | README  | 1     |
| 13376 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\gnuplot\docs\tutorial</b> |   |       |
| 13377 | 15/04/04  | tutorial.pdf  | 159   |
| 13378 | 15/04/04  | tutorial.ps.gz                                      | 151   |
| 13379 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\Nec2d et Nec2dxs</b>      |   |       |
| 13380 | 27/02/13  | nec2d11k.exe  | 464   |
| 13381 | 27/02/13  | nec2d1k4.exe  | 289   |
| 13382 | 27/02/13  | nec2d1k9.exe  | 292   |
| 13383 | 27/02/13  | nec2d2k8.exe  | 298   |
| 13384 | 27/02/13  | nec2d4k.exe   | 310   |
| 13385 | 27/02/13  | nec2d5k7.exe  | 334   |
| 13386 | 07/03/13  | nec2dxs11k.exe                                      | 335   |
| 13387 | 07/03/13  | nec2dxs1K5.exe                                      | 335   |
| 13388 | 07/03/13  | nec2dxs3k0.exe                                      | 335   |
| 13389 | 07/03/13  | nec2dxs500.exe                                      | 335   |
| 13390 | 07/03/13  | nec2dxs5k0.exe                                      | 335   |
| 13391 | 07/03/13  | nec2dxs8k0.exe                                      | 335   |
| 13392 | <b>Intégrité du signal (SI)\Logiciels pour IS\4nec2\Nec2Manual</b>            |   |       |
| 13393 | 17/02/11  | nec_part1.pdf                                       | 203   |
| 13394 | 17/02/11  | nec_part2.pdf                                       | 215   |
| 13395 | 17/02/11  | nec_part3.pdf                                       | 155   |
| 13396 | 17/02/11  | nec_part4.pdf                                       | 122   |
| 13397 | 17/02/11  | nec_tutorial.pdf                                    | 1031  |
| 13398 | 17/02/11  | Nec2-doc.pdf  | 351   |
| 13399 | 17/02/11  | Tutorial_4NEC2_english.pdf                          | 1720  |
| 13400 | <b>Intégrité du signal (SI)\Logiciels pour IS\HyperLynx</b>                   |   |       |
| 13401 | 13/02/13  | DDR Simulation with Hyperlynx - Mentor Graphics.mov | 11402 |
| 13402 | 13/02/13  | HyperLynx Pl.pdf                                    | 213   |
| 13403 | 13/02/13  | HyperLynx Sl.pdf                                    | 223   |

|       |   |   |       |
|-------|---|---|-------|
| 13404 | <b>Intégrité du signal (SI)\Logiciels pour IS\IPC-PCBM_LP_Calculator_V2009</b>      |   |       |
| 13405 | 01/02/12  | IPC-7351A LP Viewer V5 User Guide.pdf   | 1657  |
| 13406 | 28/01/09  | PCBM End User License Agreement - FREEWARE.txt  | 5     |
| 13407 | 27/02/13  | PCBM_LP_Calculator_V2009_11_Setup.exe   | 3278  |
| 13408 | 28/01/09  | README - Install Requirements.txt   | 1     |
| 13409 | <b>Intégrité du signal (SI)\Logiciels pour IS\Maxwell2D</b>                         |   |       |
| 13410 | 21/03/12  | Archive.zip   | 62396 |
| 13411 | 07/03/13  | MaxwellSV.exe   | 37685 |
| 13412 | <b>Intégrité du signal (SI)\Logiciels pour IS\Maxwell2D\Captures écrans\Gallery</b> |   |       |
| 13413 | 26/10/06  | 3AW15367mesures simulations comp entrelacés accumulation H et J pertes1.png                             | 626   |
| 13414 | 25/10/06  | 3AW15367mesures simulations H2 H augmente dans fenêtre si Inet 4A .png                                  | 1201  |
| 13415 | 25/10/06  | 3AW15367mesures simulations H2 H varie si compensé I nul non compensé I 4A .png                         | 857   |
| 13416 | 26/10/06  | 3AW15367mesures simulations H2 self de fuite tend vers self magnétisante si f_1Hz.png                   | 313   |
| 13417 | 25/10/06  | 3AW15367mesures simulations H2 comparaison 2 1 2 prim gros fils et fil Litz en main.png                 | 877   |
| 13418 | 25/10/06  | 3AW15367mesures simulations H2 faible influence dispersion fils sur pertes et self .png                 | 574   |
| 13419 | 25/10/06  | 3AW15367mesures simulations H2 flux Inet 4A et 0A plas compensé et compensé.png                         | 444   |
| 13420 | 25/10/06  | 3AW15367mesures simulations H2H en haut plus fort avec +4A.png  | 860   |
| 13421 | 26/10/06  | 3AW15367mesures simulations H4 avec et sans ferrite flux densité couleurs .png                          | 306   |
| 13422 | 26/10/06  | 3AW15367mesures simulations H4 comparaison flux primaire fil ou Litz.png                                | 352   |
| 13423 | 26/10/06  | 3AW15367mesures simulations H4 comparaison mode magnétisant mode soustractif champ H vecteurs.png       | 866   |
| 13424 | 26/10/06  | 3AW15367mesures simulations H4 comparaison flux mode auto-compensé mode soustractif.png                 | 257   |
| 13425 | 26/10/06  | 3AW15367mesures simulations H4 comparaison mode compensé_soustracti fmode induit autocompensé 1 MHz.png | 311   |
| 13426 | 26/10/06  | 3AW15367mesures simulations H4 comparaison pertes et energie vomumique 1 MHz.png                        | 446   |
| 13427 | 26/10/06  | 3AW15367mesures simulations H4 comparaison symétrie homogénéité autocompensé soustractif.png            | 590   |
| 13428 | 25/10/06  | 3AW15367mesures simulations modèles Maxwell2D V1.png  | 61    |
| 13429 | 11/04/08  | AC1183 3AW1680 Hvertical .png   | 379   |
| 13430 | 11/04/08  | AC1183 3AW1680 Hvertical horizontal .png  | 149   |
| 13431 | 02/11/06  | as1054 modèles.png  | 54    |
| 13432 | 28/11/06  | Champ H avec sans entrefer pertes lignes de flux V1.png   | 94    |
| 13433 | 29/11/06  | Champ H avec sans entreferdéfinition des objets.png   | 58    |
| 13434 | 24/11/06  | champ_H_blindage_magnétic_regles_V2.png   | 351   |
| 13435 | 10/11/06  | comparaison rectang_circulaire_1.jpg  | 259   |
| 13436 | 22/02/07  | comparaison toredemiluneen main avec et sans ferrite .png   | 423   |
| 13437 | 21/02/07  | comparaison toredemiluneen main champ et potentiel vecteur mode commun mode diff 1Hz .png               | 205   |
| 13438 | 19/02/07  | comparaison toredemiluneen main energies 1Hz .png   | 185   |



|       |   |   |     |
|-------|---|---|-----|
| 13439 | 21/02/07  | comparatif champ H et A coupes circulaires extérieures tores fils en main et demi-lune .png | 187 |
| 13440 | 20/02/07  | comparatif energies de fuite tore 2fils en main demi lune 1Hz 100 kHz .png                  | 612 |
| 13441 | 02/03/07  | comparatif matériaux magnétiques.png  | 9   |
| 13442 | 16/01/07  | courbe B H ferrite u1000 V1 1.png   | 88  |
| 13443 | 16/01/07  | courbe B H ferrite u1000 V2 1.png   | 65  |
| 13444 | 13/11/06  | définition Source et récepteur couplage dans et hors fenetre magnétique V1.png              | 23  |
| 13445 | 09/11/06  | densité de courant mode soustractif 20 +1A 20 -1A.png                                       | 721 |
| 13446 | 07/03/03  | entrefer progressif.pdf   | 185 |
| 13447 | 07/03/03  | entrefer progressif2.pdf  | 169 |
| 13448 | 02/11/06  | grille1600_1200 8.png   | 17  |
| 13449 | 23/11/06  | impédance des pistes semin Txs 1600 constructing your power supply layout.png               | 83  |
| 13450 | 25/12/09  | impédance des pistes semin Txs 1600 constructing your power supply layout.png.lnk           | 1   |
| 13451 | 25/01/07  | influence forme entrefer comparaisons databook simulations.png                              | 179 |
| 13452 | 26/01/07  | influence forme entrefer comparaisons I =2A et I =1mA version3.png                          | 195 |
| 13453 | 12/02/07  | influence longueur entrefer B couleurs et coupe circuit inhomogénéités .png                 | 213 |
| 13454 | 06/02/07  | influence longueur entrefer comparaison des énergies 1.png                                  | 117 |
| 13455 | 12/02/07  | influence longueur entrefer pertes .png   | 83  |
| 13456 | 10/09/05  | Influence orientation planar V2 flux J B Gauche.png   | 104 |
| 13457 | 10/09/05  | Influence orientation planar V2 flux J B Gauche2.png  | 372 |
| 13458 | 10/09/05  | Influence orientation planar V2 flux J B global.png   | 156 |
| 13459 | 16/01/07  | material manager V1.png   | 39  |
| 13460 | 16/01/07  | material manager V2.png   | 67  |
| 13461 | 16/01/07  | modèle influence forme elements non linéaires V1.png  | 25  |
| 13462 | 26/02/07  | Passage paire fenetre 1 kHz 200 kHz mode induit secondaire flux H vecteur et J .png         | 497 |
| 13463 | 22/02/07  | Passage paire fenetre 200 kHz H vecteurs 3D fflux J comparatif 4 arrangements .png          | 875 |
| 13464 | 22/02/07  | Passage paire fenetre 200 kHz H vecteurs 3D fflux J comparatif 4 arrangements V2.png        | 875 |
| 13465 | 27/05/08  | PM maxwell .png   | 58  |
| 13466 | 20/10/06  | pq20 influence sur pertes forme position entrefer bobinage.png                              | 617 |
| 13467 | 20/09/06  | pq32 20 H 1 Hz 1MHz mode soustractif V1.png   | 68  |
| 13468 | 04/09/05  | self_air_flux 1.png   | 84  |
| 13469 | 13/11/06  | solenoides_air_topologie 3.jpg  | 399 |
| 13470 | 25/12/09  | Thumbs.db   | 222 |
| 13471 | <b>Intégrité du signal (SI)\Logiciels pour IS\Maxwell2D\Captures écrans\Maxwell2D-self-lineique</b> |   |     |
| 13472 | 20/12/09  | 2009-12-20_004406-menu-Maxwell2D.png  | 19  |
| 13473 | 20/12/09  | 2009-12-20_030958-Sequence-commandes.png  | 29  |

|       |  |   |      |
|-------|--|---|------|
| 13474 | 20/12/09   | 2009-12-20_032024-Modeler.png                 | 35   |
| 13475 | 20/12/09   | 2009-12-20_032624-Material-Setup.png          | 40   |
| 13476 | 20/12/09   | 2009-12-20_033623-Boundarysource-Manager.png  | 33   |
| 13477 | 20/12/09   | 2009-12-20_033758-Solve-Setup.png             | 16   |
| 13478 | 20/12/09   | 2009-12-20_034127-Solve.png                   | 35   |
| 13479 | 20/12/09   | 2009-12-20_034406-Convergence-Data.png        | 34   |
| 13480 | 20/12/09   | 2009-12-20_034648-NumberOfTriangles.png       | 36   |
| 13481 | 20/12/09   | 2009-12-20_034920-Profile-Information.png     | 23   |
| 13482 | 20/12/09   | 2009-12-20_035415-Help.png                    | 67   |
| 13483 | 20/12/09   | 2009-12-20_035918-Help-Inductance.png         | 39   |
| 13484 | 20/12/09   | 2009-12-20_040359-PostProcessor.png           | 30   |
| 13485 | 20/12/09   | 2009-12-20_041434-Mesh.png                    | 76   |
| 13486 | 20/12/09   | 2009-12-20_041858-Hfield.png                  | 63   |
| 13487 | 20/12/09   | 2009-12-20_042452-HLine.png                   | 40   |
| 13488 | 20/12/09   | 2009-12-20_042657-HlineCommentaires.png       | 31   |
| 13489 | 20/12/09   | 2009-12-20_043124-FieldChoice.png             | 23   |
| 13490 | 20/12/09   | 2009-12-20_043523-Hvectors-3D.png             | 246  |
| 13491 | 20/12/09   | 2009-12-20_043714-HVector-FieldCalculator.png | 27   |
| 13492 | 20/12/09   | 2009-12-20_044516-HGrid.png                   | 10   |
| 13493 | 20/12/09   | 2009-12-20_045334.png                         | 18   |
| 13494 | 20/12/09   | 2009-12-20_050022.png                         | 74   |
| 13495 | 20/12/09   | 2009-12-20_050228-Mesh-Details.png            | 157  |
| 13496 | 20/12/09   | 2009-12-20_050911-HVector-Isoclines.png       | 469  |
| 13497 | 20/12/09   | 2009-12-20_051143-HVectors-Colors.png         | 245  |
| 13498 | 20/12/09   | 2009-12-20_051451-Flux-Lines.png              | 275  |
| 13499 | 10/09/10   | 2010-09-10_153158 fil 2.png                   | 24   |
| 13500 | 10/09/10   | 2010-09-10_154438 fil 100 kHz.png             | 15   |
| 13501 | 10/09/10   | Thumbs.db                                     | 99   |
| 13502 | <b>Intégrité du signal (SI)\Logiciels pour IS\Maxwell2D\Docs</b> |   |      |
| 13503 | 09/11/06   | Dowell V1.xls                                 | 78   |
| 13504 | 07/06/06   | Dowell V11.xls                                | 69   |
| 13505 | 05/03/03   | MaxwellSV_Electrostatic.pdf                   | 1628 |
| 13506 | 05/03/03   | MaxwellSV_Magnetostatic.pdf                   | 1842 |
| 13507 | 14/03/03   | méthode éléments finis Tech Ing af505.pdf     | 703  |
| 13508 | 29/09/06   | pertes proxy_bandes_mat_mag V1.xls            | 41   |

|       |   |   |      |
|-------|---|---|------|
| 13509 | 02/05/06  | self 7 spires feuillard 0.6 mm v1.xls                 | 14   |
| 13510 | 05/05/06  | self17 spires feuillard 100u.xls                      | 60   |
| 13511 | 20/02/07  | tables cuisinne induction V1.pdf                      | 497  |
| 13512 | 06/06/06  | transfo17 spires feuillard 100u V2.xls                | 83   |
| 13513 | 17/10/05  | Virtual prototyping magnetic components APEC_2003.pdf | 2874 |
| 13514 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16</b>         |   |      |
| 13515 | 17/03/11  | aclocal.m4  | 36   |
| 13516 | 03/03/11  | AUTHORS   | 1    |
| 13517 | 03/03/11  | autogen.sh  | 2    |
| 13518 | 03/03/11  | ChangeLog   | 9    |
| 13519 | 17/03/11  | config.guess  | 45   |
| 13520 | 17/03/11  | config.h.in   | 2    |
| 13521 | 17/03/11  | config.sub  | 35   |
| 13522 | 17/03/11  | configure   | 228  |
| 13523 | 17/03/11  | configure.ac  | 9    |
| 13524 | 03/03/11  | COPYING   | 18   |
| 13525 | 17/03/11  | depcomp   | 19   |
| 13526 | 03/03/11  | Info.plist  | 1    |
| 13527 | 17/06/11  | INSTALL   | 16   |
| 13528 | 17/03/11  | install-sh  | 14   |
| 13529 | 17/03/11  | Makefile.am   | 4    |
| 13530 | 17/03/11  | Makefile.in   | 28   |
| 13531 | 17/03/11  | missing   | 11   |
| 13532 | 12/03/11  | NEWS  | 8    |
| 13533 | 03/03/11  | PLATFORMS   | 2    |
| 13534 | 04/03/11  | README  | 3    |
| 13535 | 04/03/11  | RELEASE   | 3    |
| 13536 | 03/03/11  | THANKS  | 4    |
| 13537 | 03/03/11  | TODO  | 4    |
| 13538 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\contrib</b> |   |      |
| 13539 | 03/03/11  | Makefile.am   | 1    |
| 13540 | 17/03/11  | Makefile.in   | 16   |
| 13541 | 03/03/11  | ps2sp   | 165  |
| 13542 | 03/03/11  | ps2sp.1   | 3    |
| 13543 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs</b>    |   |      |

|       |          |                           |    |
|-------|----------|---------------------------|----|
| 13544 | 10/03/11 | ChangeLog                 | 65 |
| 13545 | 03/03/11 | element.cpp               | 1  |
| 13546 | 04/03/11 | element.h                 | 4  |
| 13547 | 04/03/11 | main.cpp                  | 19 |
| 13548 | 04/03/11 | main.h                    | 3  |
| 13549 | 04/03/11 | Makefile.am               | 4  |
| 13550 | 17/03/11 | Makefile.in               | 31 |
| 13551 | 03/03/11 | mnemo.cpp                 | 3  |
| 13552 | 03/03/11 | mnemo.h                   | 1  |
| 13553 | 12/03/11 | module.cpp                | 14 |
| 13554 | 03/03/11 | module.h                  | 2  |
| 13555 | 03/03/11 | mouseactions.cpp          | 64 |
| 13556 | 03/03/11 | mouseactions.h            | 5  |
| 13557 | 03/03/11 | node.cpp                  | 3  |
| 13558 | 03/03/11 | node.h                    | 2  |
| 13559 | 13/03/11 | octave_window.cpp         | 5  |
| 13560 | 04/03/11 | octave_window.h           | 1  |
| 13561 | 03/03/11 | qtgeneric_ar.ts           | 27 |
| 13562 | 03/03/11 | qtgeneric_ca.ts           | 27 |
| 13563 | 03/03/11 | qtgeneric_cs.ts           | 27 |
| 13564 | 03/03/11 | qtgeneric_de.ts           | 27 |
| 13565 | 03/03/11 | qtgeneric_es.ts           | 27 |
| 13566 | 03/03/11 | qtgeneric_fr.ts           | 27 |
| 13567 | 03/03/11 | qtgeneric_he.ts           | 28 |
| 13568 | 03/03/11 | qtgeneric_hu.ts           | 27 |
| 13569 | 03/03/11 | qtgeneric_it.ts           | 27 |
| 13570 | 03/03/11 | qtgeneric_jp.ts           | 27 |
| 13571 | 03/03/11 | qtgeneric_kk.ts           | 27 |
| 13572 | 03/03/11 | qtgeneric_pl.ts           | 27 |
| 13573 | 03/03/11 | qtgeneric_ro.ts           | 27 |
| 13574 | 03/03/11 | qtgeneric_ru.ts           | 29 |
| 13575 | 03/03/11 | qtgeneric_sv.ts           | 26 |
| 13576 | 03/03/11 | qtgeneric_tr.ts           | 27 |
| 13577 | 03/03/11 | qtgeneric_uk.ts           | 28 |
| 13578 | 03/03/11 | qtgeneric_untranslated.ts | 27 |

|       |          |                       |     |
|-------|----------|-----------------------|-----|
| 13579 | 10/03/11 | qucs.cpp              | 70  |
| 13580 | 03/03/11 | qucs.h                | 12  |
| 13581 | 03/03/11 | qucs_actions.cpp      | 38  |
| 13582 | 13/03/11 | qucs_ar.ts            | 391 |
| 13583 | 13/03/11 | qucs_ca.ts            | 435 |
| 13584 | 13/03/11 | qucs_cs.ts            | 511 |
| 13585 | 13/03/11 | qucs_de.ts            | 525 |
| 13586 | 13/03/11 | qucs_es.ts            | 448 |
| 13587 | 13/03/11 | qucs_fr.ts            | 452 |
| 13588 | 13/03/11 | qucs_he.ts            | 422 |
| 13589 | 13/03/11 | qucs_hu.ts            | 439 |
| 13590 | 03/03/11 | qucs_init.cpp         | 40  |
| 13591 | 13/03/11 | qucs_it.ts            | 462 |
| 13592 | 13/03/11 | qucs_jp.ts            | 442 |
| 13593 | 13/03/11 | qucs_kk.ts            | 431 |
| 13594 | 13/03/11 | qucs_pl.ts            | 437 |
| 13595 | 13/03/11 | qucs_pt.ts            | 358 |
| 13596 | 13/03/11 | qucs_ro.ts            | 421 |
| 13597 | 13/03/11 | qucs_ru.ts            | 602 |
| 13598 | 13/03/11 | qucs_sv.ts            | 417 |
| 13599 | 13/03/11 | qucs_tr.ts            | 438 |
| 13600 | 13/03/11 | qucs_uk.ts            | 445 |
| 13601 | 03/03/11 | qucsdigi              | 2   |
| 13602 | 03/03/11 | qucsdigi.bat          | 2   |
| 13603 | 03/03/11 | qucsdigilib           | 2   |
| 13604 | 03/03/11 | qucsdigilib.bat       | 2   |
| 13605 | 08/03/11 | qucsdoc.cpp           | 4   |
| 13606 | 08/03/11 | qucsdoc.h             | 2   |
| 13607 | 03/03/11 | qucsveri              | 2   |
| 13608 | 03/03/11 | qucsveri.bat          | 2   |
| 13609 | 03/03/11 | README.translations   | 2   |
| 13610 | 08/03/11 | schematic.cpp         | 60  |
| 13611 | 03/03/11 | schematic.h           | 10  |
| 13612 | 03/03/11 | schematic_element.cpp | 76  |
| 13613 | 08/03/11 | schematic_file.cpp    | 50  |

|       |  |                      |    |
|-------|--|----------------------|----|
| 13614 | 05/03/11   | syntax.cpp           | 19 |
| 13615 | 05/03/11   | syntax.h             | 2  |
| 13616 | 07/03/11   | textdoc.cpp          | 14 |
| 13617 | 03/03/11   | textdoc.h            | 3  |
| 13618 | 03/03/11   | viewpainter.cpp      | 11 |
| 13619 | 03/03/11   | viewpainter.h        | 3  |
| 13620 | 03/03/11   | wire.cpp             | 6  |
| 13621 | 03/03/11   | wire.h               | 2  |
| 13622 | 03/03/11   | wirelabel.cpp        | 6  |
| 13623 | 03/03/11   | wirelabel.h          | 2  |
| 13624 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs\bitmaps</b> |                      |    |
| 13625 | 03/03/11   | ac.png               | 1  |
| 13626 | 03/03/11   | back.png             | 1  |
| 13627 | 03/03/11   | big.button.qucs.xpm  | 9  |
| 13628 | 03/03/11   | big.qucs.xpm         | 5  |
| 13629 | 03/03/11   | binarytogrey4bit.png | 1  |
| 13630 | 03/03/11   | bottom.png           | 1  |
| 13631 | 03/03/11   | comp_2bit.png        | 1  |
| 13632 | 03/03/11   | comp_4bit.png        | 1  |
| 13633 | 03/03/11   | digi.png             | 1  |
| 13634 | 03/03/11   | DLS_1ton.png         | 1  |
| 13635 | 03/03/11   | DLS_nton1.png        | 1  |
| 13636 | 03/03/11   | dmux2to4.png         | 1  |
| 13637 | 03/03/11   | dmux3to8.png         | 1  |
| 13638 | 03/03/11   | dmux4to16.png        | 1  |
| 13639 | 03/03/11   | editcopy.png         | 1  |
| 13640 | 03/03/11   | editcut.png          | 1  |
| 13641 | 03/03/11   | editdelete.png       | 1  |
| 13642 | 03/03/11   | editpaste.png        | 1  |
| 13643 | 03/03/11   | fileclose.png        | 1  |
| 13644 | 03/03/11   | filenew.png          | 1  |
| 13645 | 03/03/11   | fileopen.png         | 1  |
| 13646 | 03/03/11   | fileprint.png        | 1  |
| 13647 | 03/03/11   | filesave.png         | 1  |
| 13648 | 03/03/11   | filesaveall.png      | 1  |

|       |          |                      |    |
|-------|----------|----------------------|----|
| 13649 | 03/03/11 | forward.png          | 1  |
| 13650 | 03/03/11 | gear.png             | 2  |
| 13651 | 03/03/11 | greytobinary4bit.png | 1  |
| 13652 | 03/03/11 | home.png             | 1  |
| 13653 | 03/03/11 | hpribin4bit.png      | 1  |
| 13654 | 03/03/11 | jkff_SR.png          | 1  |
| 13655 | 11/03/11 | Makefile.am          | 4  |
| 13656 | 17/03/11 | Makefile.in          | 16 |
| 13657 | 03/03/11 | mirror.png           | 1  |
| 13658 | 03/03/11 | mirrory.png          | 1  |
| 13659 | 03/03/11 | mux2to1.png          | 1  |
| 13660 | 03/03/11 | mux4to1.png          | 1  |
| 13661 | 03/03/11 | mux8to1.png          | 1  |
| 13662 | 03/03/11 | next.png             | 1  |
| 13663 | 03/03/11 | optimize.png         | 1  |
| 13664 | 03/03/11 | pointer.png          | 1  |
| 13665 | 03/03/11 | previous.png         | 1  |
| 13666 | 03/03/11 | qucs.icns            | 55 |
| 13667 | 03/03/11 | qucsattenuator.icns  | 55 |
| 13668 | 03/03/11 | qucsedit.icns        | 58 |
| 13669 | 03/03/11 | qucsfilter.icns      | 55 |
| 13670 | 03/03/11 | qucshelp.icns        | 55 |
| 13671 | 03/03/11 | qucslib.icns         | 55 |
| 13672 | 03/03/11 | qucstrans.icns       | 57 |
| 13673 | 03/03/11 | quit.png             | 1  |
| 13674 | 03/03/11 | rebuild.png          | 1  |
| 13675 | 03/03/11 | redo.png             | 1  |
| 13676 | 03/03/11 | rotate_ccw.png       | 1  |
| 13677 | 03/03/11 | spicefile.png        | 1  |
| 13678 | 03/03/11 | sweep.png            | 1  |
| 13679 | 03/03/11 | text.png             | 1  |
| 13680 | 03/03/11 | textnew.png          | 1  |
| 13681 | 03/03/11 | tiny.button.qucs.xpm | 1  |
| 13682 | 03/03/11 | tiny.qucs.xpm        | 1  |
| 13683 | 03/03/11 | top.png              | 1  |

|       |   |                      |   |
|-------|---|----------------------|---|
| 13684 | 03/03/11  | undo.png             | 1 |
| 13685 | 03/03/11  | vfile.png            | 1 |
| 13686 | 03/03/11  | vhdlfile.png         | 1 |
| 13687 | 03/03/11  | viewmag-.png         | 1 |
| 13688 | 03/03/11  | viewmag+.png         | 1 |
| 13689 | 03/03/11  | viewmag1.png         | 1 |
| 13690 | 03/03/11  | viewmagfit.png       | 1 |
| 13691 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs\components</b> |                      |   |
| 13692 | 03/03/11  | ac_sim.cpp           | 3 |
| 13693 | 03/03/11  | ac_sim.h             | 1 |
| 13694 | 03/03/11  | am_modulator.cpp     | 3 |
| 13695 | 03/03/11  | am_modulator.h       | 1 |
| 13696 | 03/03/11  | ampere_ac.cpp        | 3 |
| 13697 | 03/03/11  | ampere_ac.h          | 1 |
| 13698 | 03/03/11  | ampere_dc.cpp        | 2 |
| 13699 | 03/03/11  | ampere_dc.h          | 1 |
| 13700 | 03/03/11  | ampere_noise.cpp     | 3 |
| 13701 | 03/03/11  | ampere_noise.h       | 1 |
| 13702 | 03/03/11  | amplifier.cpp        | 2 |
| 13703 | 03/03/11  | amplifier.h          | 1 |
| 13704 | 03/03/11  | andor4x2.cpp         | 6 |
| 13705 | 03/03/11  | andor4x2.h           | 1 |
| 13706 | 03/03/11  | andor4x3.cpp         | 7 |
| 13707 | 03/03/11  | andor4x3.h           | 1 |
| 13708 | 03/03/11  | andor4x4.cpp         | 8 |
| 13709 | 03/03/11  | andor4x4.h           | 1 |
| 13710 | 03/03/11  | attenuator.cpp       | 3 |
| 13711 | 03/03/11  | attenuator.h         | 1 |
| 13712 | 03/03/11  | biast.cpp            | 3 |
| 13713 | 03/03/11  | biast.h              | 1 |
| 13714 | 03/03/11  | binarytogrey4bit.cpp | 6 |
| 13715 | 03/03/11  | binarytogrey4bit.h   | 1 |
| 13716 | 03/03/11  | bjt.cpp              | 3 |
| 13717 | 03/03/11  | bjt.h                | 1 |
| 13718 | 03/03/11  | bjtsub.cpp           | 8 |



|       |          |                     |    |
|-------|----------|---------------------|----|
| 13719 | 03/03/11 | bjtsub.h            | 1  |
| 13720 | 03/03/11 | bondwire.cpp        | 3  |
| 13721 | 03/03/11 | bondwire.h          | 1  |
| 13722 | 03/03/11 | capacitor.cpp       | 3  |
| 13723 | 03/03/11 | capacitor.h         | 1  |
| 13724 | 03/03/11 | cccs.cpp            | 3  |
| 13725 | 03/03/11 | cccs.h              | 1  |
| 13726 | 03/03/11 | ccvs.cpp            | 3  |
| 13727 | 03/03/11 | ccvs.h              | 1  |
| 13728 | 12/03/11 | ChangeLog           | 19 |
| 13729 | 03/03/11 | circulator.cpp      | 3  |
| 13730 | 03/03/11 | circulator.h        | 1  |
| 13731 | 03/03/11 | coaxialline.cpp     | 3  |
| 13732 | 03/03/11 | coaxialline.h       | 1  |
| 13733 | 03/03/11 | comp_1bit.cpp       | 5  |
| 13734 | 03/03/11 | comp_1bit.h         | 1  |
| 13735 | 03/03/11 | comp_2bit.cpp       | 6  |
| 13736 | 03/03/11 | comp_2bit.h         | 1  |
| 13737 | 03/03/11 | comp_4bit.cpp       | 8  |
| 13738 | 03/03/11 | comp_4bit.h         | 1  |
| 13739 | 03/03/11 | component.cpp       | 44 |
| 13740 | 03/03/11 | component.h         | 4  |
| 13741 | 03/03/11 | componentdialog.cpp | 32 |
| 13742 | 03/03/11 | componentdialog.h   | 3  |
| 13743 | 12/03/11 | components.h        | 5  |
| 13744 | 03/03/11 | coplanar.cpp        | 4  |
| 13745 | 03/03/11 | coplanar.h          | 1  |
| 13746 | 03/03/11 | coupler.cpp         | 3  |
| 13747 | 03/03/11 | coupler.h           | 1  |
| 13748 | 03/03/11 | cpwgap.cpp          | 4  |
| 13749 | 03/03/11 | cpwgap.h            | 1  |
| 13750 | 03/03/11 | cpwopen.cpp         | 4  |
| 13751 | 03/03/11 | cpwopen.h           | 1  |
| 13752 | 03/03/11 | cpwshort.cpp        | 3  |
| 13753 | 03/03/11 | cpwshort.h          | 1  |

|       |          |                 |    |
|-------|----------|-----------------|----|
| 13754 | 03/03/11 | cpwstep.cpp     | 4  |
| 13755 | 03/03/11 | cpwstep.h       | 1  |
| 13756 | 11/03/11 | ctline.cpp      | 4  |
| 13757 | 11/03/11 | ctline.h        | 1  |
| 13758 | 03/03/11 | d_flipflop.cpp  | 5  |
| 13759 | 03/03/11 | d_flipflop.h    | 1  |
| 13760 | 03/03/11 | dc_sim.cpp      | 3  |
| 13761 | 03/03/11 | dc_sim.h        | 1  |
| 13762 | 03/03/11 | dcblock.cpp     | 2  |
| 13763 | 03/03/11 | dcblock.h       | 1  |
| 13764 | 03/03/11 | dcfeed.cpp      | 2  |
| 13765 | 03/03/11 | dcfeed.h        | 1  |
| 13766 | 03/03/11 | dff_SR.cpp      | 6  |
| 13767 | 03/03/11 | dff_SR.h        | 1  |
| 13768 | 03/03/11 | diac.cpp        | 3  |
| 13769 | 03/03/11 | diac.h          | 1  |
| 13770 | 03/03/11 | digi_sim.cpp    | 2  |
| 13771 | 03/03/11 | digi_sim.h      | 1  |
| 13772 | 03/03/11 | digi_source.cpp | 6  |
| 13773 | 03/03/11 | digi_source.h   | 1  |
| 13774 | 03/03/11 | diode.cpp       | 6  |
| 13775 | 03/03/11 | diode.h         | 1  |
| 13776 | 03/03/11 | DLS_1ton.cpp    | 2  |
| 13777 | 03/03/11 | DLS_1ton.h      | 1  |
| 13778 | 03/03/11 | DLS_nto1.cpp    | 2  |
| 13779 | 03/03/11 | DLS_nto1.h      | 1  |
| 13780 | 03/03/11 | dmux2to4.cpp    | 6  |
| 13781 | 03/03/11 | dmux2to4.h      | 1  |
| 13782 | 03/03/11 | dmux3to8.cpp    | 8  |
| 13783 | 03/03/11 | dmux3to8.h      | 1  |
| 13784 | 03/03/11 | dmux4to16.cpp   | 14 |
| 13785 | 03/03/11 | dmux4to16.h     | 1  |
| 13786 | 03/03/11 | EKV26MOS.cpp    | 12 |
| 13787 | 03/03/11 | EKV26MOS.h      | 1  |
| 13788 | 03/03/11 | eqndefined.cpp  | 5  |

|       |          |                      |    |
|-------|----------|----------------------|----|
| 13789 | 03/03/11 | eqndefined.h         | 1  |
| 13790 | 03/03/11 | equation.cpp         | 3  |
| 13791 | 03/03/11 | equation.h           | 1  |
| 13792 | 03/03/11 | fa1b.cpp             | 5  |
| 13793 | 03/03/11 | fa1b.h               | 1  |
| 13794 | 03/03/11 | fa2b.cpp             | 6  |
| 13795 | 03/03/11 | fa2b.h               | 1  |
| 13796 | 03/03/11 | gatedDlatch.cpp      | 4  |
| 13797 | 03/03/11 | gatedDlatch.h        | 1  |
| 13798 | 03/03/11 | greytobinary4bit.cpp | 6  |
| 13799 | 03/03/11 | greytobinary4bit.h   | 1  |
| 13800 | 03/03/11 | ground.cpp           | 2  |
| 13801 | 03/03/11 | ground.h             | 1  |
| 13802 | 03/03/11 | gyrator.cpp          | 3  |
| 13803 | 03/03/11 | gyrator.h            | 1  |
| 13804 | 03/03/11 | ha1b.cpp             | 4  |
| 13805 | 03/03/11 | ha1b.h               | 1  |
| 13806 | 03/03/11 | hb_sim.cpp           | 2  |
| 13807 | 03/03/11 | hb_sim.h             | 1  |
| 13808 | 03/03/11 | HBT_X.cpp            | 12 |
| 13809 | 03/03/11 | HBT_X.h              | 1  |
| 13810 | 03/03/11 | hic0_full.cpp        | 15 |
| 13811 | 03/03/11 | hic0_full.h          | 1  |
| 13812 | 03/03/11 | hic2_full.cpp        | 19 |
| 13813 | 03/03/11 | hic2_full.h          | 1  |
| 13814 | 03/03/11 | hicumL0V1p2.cpp      | 16 |
| 13815 | 03/03/11 | hicumL0V1p2.h        | 1  |
| 13816 | 03/03/11 | hicumL0V1p2g.cpp     | 17 |
| 13817 | 03/03/11 | hicumL0V1p2g.h       | 1  |
| 13818 | 12/03/11 | hicumL0V1p3.cpp      | 17 |
| 13819 | 12/03/11 | hicumL0V1p3.h        | 1  |
| 13820 | 03/03/11 | hicumL2V2p1.cpp      | 15 |
| 13821 | 03/03/11 | hicumL2V2p1.h        | 1  |
| 13822 | 03/03/11 | hicumL2V2p23.cpp     | 19 |
| 13823 | 03/03/11 | hicumL2V2p23.h       | 1  |

|       |          |                  |    |
|-------|----------|------------------|----|
| 13824 | 03/03/11 | hicumL2V2p24.cpp | 19 |
| 13825 | 03/03/11 | hicumL2V2p24.h   | 1  |
| 13826 | 03/03/11 | hpribin4bit.cpp  | 5  |
| 13827 | 03/03/11 | hpribin4bit.h    | 1  |
| 13828 | 11/03/11 | hybrid.cpp       | 3  |
| 13829 | 10/03/11 | hybrid.h         | 1  |
| 13830 | 03/03/11 | iexp.cpp         | 3  |
| 13831 | 03/03/11 | iexp.h           | 1  |
| 13832 | 03/03/11 | ifile.cpp        | 4  |
| 13833 | 03/03/11 | ifile.h          | 1  |
| 13834 | 03/03/11 | inductor.cpp     | 2  |
| 13835 | 03/03/11 | inductor.h       | 1  |
| 13836 | 03/03/11 | iprobe.cpp       | 3  |
| 13837 | 03/03/11 | iprobe.h         | 1  |
| 13838 | 03/03/11 | ipulse.cpp       | 3  |
| 13839 | 03/03/11 | ipulse.h         | 1  |
| 13840 | 03/03/11 | irect.cpp        | 3  |
| 13841 | 03/03/11 | irect.h          | 1  |
| 13842 | 03/03/11 | isolator.cpp     | 3  |
| 13843 | 03/03/11 | isolator.h       | 1  |
| 13844 | 03/03/11 | jfet.cpp         | 5  |
| 13845 | 03/03/11 | jfet.h           | 1  |
| 13846 | 03/03/11 | jk_flipflop.cpp  | 6  |
| 13847 | 03/03/11 | jk_flipflop.h    | 1  |
| 13848 | 03/03/11 | jkff_SR.cpp      | 6  |
| 13849 | 03/03/11 | jkff_SR.h        | 1  |
| 13850 | 03/03/11 | libcomp.cpp      | 10 |
| 13851 | 03/03/11 | libcomp.h        | 2  |
| 13852 | 03/03/11 | log_amp.cpp      | 4  |
| 13853 | 03/03/11 | log_amp.h        | 1  |
| 13854 | 03/03/11 | logic_0.cpp      | 3  |
| 13855 | 03/03/11 | logic_0.h        | 1  |
| 13856 | 03/03/11 | logic_1.cpp      | 3  |
| 13857 | 03/03/11 | logic_1.h        | 1  |
| 13858 | 03/03/11 | logical_and.cpp  | 2  |

|       |          |                  |    |
|-------|----------|------------------|----|
| 13859 | 03/03/11 | logical_and.h    | 1  |
| 13860 | 03/03/11 | logical_buf.cpp  | 4  |
| 13861 | 03/03/11 | logical_buf.h    | 1  |
| 13862 | 03/03/11 | logical_inv.cpp  | 5  |
| 13863 | 03/03/11 | logical_inv.h    | 1  |
| 13864 | 03/03/11 | logical_nand.cpp | 2  |
| 13865 | 03/03/11 | logical_nand.h   | 1  |
| 13866 | 03/03/11 | logical_nor.cpp  | 2  |
| 13867 | 03/03/11 | logical_nor.h    | 1  |
| 13868 | 03/03/11 | logical_or.cpp   | 2  |
| 13869 | 03/03/11 | logical_or.h     | 1  |
| 13870 | 03/03/11 | logical_xnor.cpp | 2  |
| 13871 | 03/03/11 | logical_xnor.h   | 1  |
| 13872 | 03/03/11 | logical_xor.cpp  | 2  |
| 13873 | 03/03/11 | logical_xor.h    | 1  |
| 13874 | 12/03/11 | Makefile.am      | 6  |
| 13875 | 17/03/11 | Makefile.in      | 35 |
| 13876 | 03/03/11 | MESFET.cpp       | 8  |
| 13877 | 03/03/11 | MESFET.h         | 1  |
| 13878 | 03/03/11 | mod_amp.cpp      | 4  |
| 13879 | 03/03/11 | mod_amp.h        | 1  |
| 13880 | 03/03/11 | mosfet.cpp       | 4  |
| 13881 | 03/03/11 | mosfet.h         | 1  |
| 13882 | 03/03/11 | mosfet_sub.cpp   | 9  |
| 13883 | 03/03/11 | mosfet_sub.h     | 2  |
| 13884 | 03/03/11 | mscorner.cpp     | 2  |
| 13885 | 03/03/11 | mscorner.h       | 1  |
| 13886 | 03/03/11 | mscoupled.cpp    | 4  |
| 13887 | 03/03/11 | mscoupled.h      | 1  |
| 13888 | 03/03/11 | mscross.cpp      | 4  |
| 13889 | 03/03/11 | mscross.h        | 1  |
| 13890 | 03/03/11 | msgap.cpp        | 3  |
| 13891 | 03/03/11 | msgap.h          | 1  |
| 13892 | 03/03/11 | msline.cpp       | 3  |
| 13893 | 03/03/11 | msline.h         | 1  |

|       |          |                    |    |
|-------|----------|--------------------|----|
| 13894 | 03/03/11 | msmbend.cpp        | 2  |
| 13895 | 03/03/11 | msmbend.h          | 1  |
| 13896 | 03/03/11 | msopen.cpp         | 3  |
| 13897 | 03/03/11 | msopen.h           | 1  |
| 13898 | 03/03/11 | msrstub.cpp        | 2  |
| 13899 | 03/03/11 | msrstub.h          | 1  |
| 13900 | 03/03/11 | msstep.cpp         | 3  |
| 13901 | 03/03/11 | msstep.h           | 1  |
| 13902 | 03/03/11 | mstee.cpp          | 4  |
| 13903 | 03/03/11 | mstee.h            | 1  |
| 13904 | 03/03/11 | msvia.cpp          | 3  |
| 13905 | 03/03/11 | msvia.h            | 1  |
| 13906 | 03/03/11 | mutual.cpp         | 3  |
| 13907 | 03/03/11 | mutual.h           | 1  |
| 13908 | 03/03/11 | mutual2.cpp        | 4  |
| 13909 | 03/03/11 | mutual2.h          | 1  |
| 13910 | 03/03/11 | mux2to1.cpp        | 5  |
| 13911 | 03/03/11 | mux2to1.h          | 1  |
| 13912 | 03/03/11 | mux4to1.cpp        | 6  |
| 13913 | 03/03/11 | mux4to1.h          | 1  |
| 13914 | 03/03/11 | mux8to1.cpp        | 8  |
| 13915 | 03/03/11 | mux8to1.h          | 1  |
| 13916 | 03/03/11 | nigbt.cpp          | 4  |
| 13917 | 03/03/11 | nigbt.h            | 1  |
| 13918 | 03/03/11 | noise_ii.cpp       | 4  |
| 13919 | 03/03/11 | noise_ii.h         | 1  |
| 13920 | 03/03/11 | noise_iv.cpp       | 4  |
| 13921 | 03/03/11 | noise_iv.h         | 1  |
| 13922 | 03/03/11 | noise_vv.cpp       | 3  |
| 13923 | 03/03/11 | noise_vv.h         | 1  |
| 13924 | 03/03/11 | opamp.cpp          | 2  |
| 13925 | 03/03/11 | opamp.h            | 1  |
| 13926 | 03/03/11 | opt_sim.cpp        | 8  |
| 13927 | 03/03/11 | opt_sim.h          | 1  |
| 13928 | 03/03/11 | optimizedialog.cpp | 22 |

|       |          |                     |   |
|-------|----------|---------------------|---|
| 13929 | 03/03/11 | optimizedialog.h    | 3 |
| 13930 | 03/03/11 | pad2bit.cpp         | 3 |
| 13931 | 03/03/11 | pad2bit.h           | 1 |
| 13932 | 03/03/11 | pad3bit.cpp         | 4 |
| 13933 | 03/03/11 | pad3bit.h           | 1 |
| 13934 | 03/03/11 | pad4bit.cpp         | 6 |
| 13935 | 03/03/11 | pad4bit.h           | 1 |
| 13936 | 03/03/11 | param_sweep.cpp     | 3 |
| 13937 | 03/03/11 | param_sweep.h       | 1 |
| 13938 | 03/03/11 | phaseshifter.cpp    | 2 |
| 13939 | 03/03/11 | phaseshifter.h      | 1 |
| 13940 | 03/03/11 | photodiode.cpp      | 4 |
| 13941 | 03/03/11 | photodiode.h        | 1 |
| 13942 | 03/03/11 | phototransistor.cpp | 7 |
| 13943 | 03/03/11 | phototransistor.h   | 1 |
| 13944 | 03/03/11 | pm_modulator.cpp    | 3 |
| 13945 | 03/03/11 | pm_modulator.h      | 1 |
| 13946 | 03/03/11 | potentiometer.cpp   | 4 |
| 13947 | 03/03/11 | potentiometer.h     | 1 |
| 13948 | 03/03/11 | rectline.cpp        | 3 |
| 13949 | 03/03/11 | rectline.h          | 1 |
| 13950 | 03/03/11 | relais.cpp          | 3 |
| 13951 | 03/03/11 | relais.h            | 1 |
| 13952 | 03/03/11 | resistor.cpp        | 4 |
| 13953 | 03/03/11 | resistor.h          | 1 |
| 13954 | 03/03/11 | rfedd.cpp           | 6 |
| 13955 | 03/03/11 | rfedd.h             | 1 |
| 13956 | 03/03/11 | rfedd2p.cpp         | 4 |
| 13957 | 03/03/11 | rfedd2p.h           | 1 |
| 13958 | 03/03/11 | rlcg.cpp            | 3 |
| 13959 | 03/03/11 | rlcg.h              | 1 |
| 13960 | 03/03/11 | rs_flipflop.cpp     | 4 |
| 13961 | 03/03/11 | rs_flipflop.h       | 1 |
| 13962 | 03/03/11 | source_ac.cpp       | 3 |
| 13963 | 03/03/11 | source_ac.h         | 1 |

|       |          |                 |    |
|-------|----------|-----------------|----|
| 13964 | 03/03/11 | sp_sim.cpp      | 3  |
| 13965 | 03/03/11 | sp_sim.h        | 1  |
| 13966 | 03/03/11 | sparamfile.cpp  | 6  |
| 13967 | 03/03/11 | sparamfile.h    | 2  |
| 13968 | 03/03/11 | spicedialog.cpp | 16 |
| 13969 | 03/03/11 | spicedialog.h   | 3  |
| 13970 | 03/03/11 | spicefile.cpp   | 13 |
| 13971 | 03/03/11 | spicefile.h     | 2  |
| 13972 | 03/03/11 | subcircuit.cpp  | 8  |
| 13973 | 03/03/11 | subcircuit.h    | 1  |
| 13974 | 03/03/11 | subcirport.cpp  | 4  |
| 13975 | 03/03/11 | subcirport.h    | 1  |
| 13976 | 03/03/11 | substrate.cpp   | 3  |
| 13977 | 03/03/11 | substrate.h     | 1  |
| 13978 | 03/03/11 | switch.cpp      | 4  |
| 13979 | 03/03/11 | switch.h        | 1  |
| 13980 | 03/03/11 | symtrafo.cpp    | 4  |
| 13981 | 03/03/11 | symtrafo.h      | 1  |
| 13982 | 03/03/11 | tff_SR.cpp      | 6  |
| 13983 | 03/03/11 | tff_SR.h        | 1  |
| 13984 | 03/03/11 | thyristor.cpp   | 3  |
| 13985 | 03/03/11 | thyristor.h     | 1  |
| 13986 | 03/03/11 | tline.cpp       | 3  |
| 13987 | 03/03/11 | tline.h         | 1  |
| 13988 | 03/03/11 | tline_4port.cpp | 3  |
| 13989 | 03/03/11 | tline_4port.h   | 1  |
| 13990 | 03/03/11 | tr_sim.cpp      | 5  |
| 13991 | 03/03/11 | tr_sim.h        | 1  |
| 13992 | 03/03/11 | transformer.cpp | 3  |
| 13993 | 03/03/11 | transformer.h   | 1  |
| 13994 | 03/03/11 | triac.cpp       | 3  |
| 13995 | 03/03/11 | triac.h         | 1  |
| 13996 | 11/03/11 | tunneldiode.cpp | 3  |
| 13997 | 11/03/11 | tunneldiode.h   | 1  |
| 13998 | 03/03/11 | twistedpair.cpp | 4  |



|       |   |                   |    |
|-------|---|-------------------|----|
| 13999 | 03/03/11  | twistedpair.h     | 1  |
| 14000 | 03/03/11  | vafire.cpp        | 4  |
| 14001 | 03/03/11  | vafire.h          | 1  |
| 14002 | 03/03/11  | vccs.cpp          | 3  |
| 14003 | 03/03/11  | vccs.h            | 1  |
| 14004 | 03/03/11  | vcvs.cpp          | 3  |
| 14005 | 03/03/11  | vcvs.h            | 1  |
| 14006 | 03/03/11  | verilogfile.cpp   | 8  |
| 14007 | 03/03/11  | verilogfile.h     | 2  |
| 14008 | 03/03/11  | vexp.cpp          | 3  |
| 14009 | 03/03/11  | vexp.h            | 1  |
| 14010 | 03/03/11  | vfile.cpp         | 4  |
| 14011 | 03/03/11  | vfile.h           | 1  |
| 14012 | 03/03/11  | vhdlfile.cpp      | 12 |
| 14013 | 03/03/11  | vhdlfile.h        | 2  |
| 14014 | 03/03/11  | volt_ac.cpp       | 3  |
| 14015 | 03/03/11  | volt_ac.h         | 1  |
| 14016 | 03/03/11  | volt_dc.cpp       | 2  |
| 14017 | 03/03/11  | volt_dc.h         | 1  |
| 14018 | 03/03/11  | volt_noise.cpp    | 3  |
| 14019 | 03/03/11  | volt_noise.h      | 1  |
| 14020 | 03/03/11  | vprobe.cpp        | 3  |
| 14021 | 03/03/11  | vprobe.h          | 1  |
| 14022 | 03/03/11  | vpulse.cpp        | 3  |
| 14023 | 03/03/11  | vpulse.h          | 1  |
| 14024 | 03/03/11  | vrect.cpp         | 3  |
| 14025 | 03/03/11  | vrect.h           | 1  |
| 14026 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs\diagrams</b> |                   |    |
| 14027 | 03/03/11  | curvedialog.cpp   | 8  |
| 14028 | 03/03/11  | curvedialog.h     | 1  |
| 14029 | 09/03/11  | diagram.cpp       | 56 |
| 14030 | 03/03/11  | diagram.h         | 4  |
| 14031 | 03/03/11  | diagramdialog.cpp | 41 |
| 14032 | 03/03/11  | diagramdialog.h   | 4  |
| 14033 | 03/03/11  | diagrams.h        | 1  |

|       |  |                        |    |
|-------|--|------------------------|----|
| 14034 | 09/03/11   | graph.cpp              | 7  |
| 14035 | 03/03/11   | graph.h                | 3  |
| 14036 | 03/03/11   | Makefile.am            | 2  |
| 14037 | 17/03/11   | Makefile.in            | 17 |
| 14038 | 03/03/11   | marker.cpp             | 14 |
| 14039 | 03/03/11   | marker.h               | 2  |
| 14040 | 03/03/11   | markerdialog.cpp       | 3  |
| 14041 | 03/03/11   | markerdialog.h         | 1  |
| 14042 | 03/03/11   | polardialog.cpp        | 3  |
| 14043 | 03/03/11   | polardialog.h          | 1  |
| 14044 | 03/03/11   | psdiagram.cpp          | 4  |
| 14045 | 03/03/11   | psdiagram.h            | 2  |
| 14046 | 03/03/11   | rect3ddiagram.cpp      | 33 |
| 14047 | 03/03/11   | rect3ddiagram.h        | 3  |
| 14048 | 03/03/11   | rectdiagram.cpp        | 8  |
| 14049 | 03/03/11   | rectdiagram.h          | 1  |
| 14050 | 03/03/11   | smithdiagram.cpp       | 4  |
| 14051 | 03/03/11   | smithdiagram.h         | 2  |
| 14052 | 03/03/11   | tabdiagram.cpp         | 13 |
| 14053 | 03/03/11   | tabdiagram.h           | 2  |
| 14054 | 03/03/11   | timingdiagram.cpp      | 16 |
| 14055 | 03/03/11   | timingdiagram.h        | 1  |
| 14056 | 03/03/11   | truthdiagram.cpp       | 8  |
| 14057 | 03/03/11   | truthdiagram.h         | 1  |
| 14058 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs\dialogs</b> |                        |    |
| 14059 | 03/03/11   | changedialog.cpp       | 9  |
| 14060 | 03/03/11   | changedialog.h         | 2  |
| 14061 | 03/03/11   | digisettingsdialog.cpp | 5  |
| 14062 | 03/03/11   | digisettingsdialog.h   | 2  |
| 14063 | 03/03/11   | importdialog.cpp       | 10 |
| 14064 | 03/03/11   | importdialog.h         | 2  |
| 14065 | 03/03/11   | labeldialog.cpp        | 4  |
| 14066 | 03/03/11   | labeldialog.h          | 2  |
| 14067 | 03/03/11   | librarydialog.cpp      | 12 |
| 14068 | 03/03/11   | librarydialog.h        | 2  |

|       |   |                        |    |
|-------|---|------------------------|----|
| 14069 | 03/03/11  | Makefile.am            | 2  |
| 14070 | 17/03/11  | Makefile.in            | 20 |
| 14071 | 03/03/11  | matchdialog.cpp        | 24 |
| 14072 | 03/03/11  | matchdialog.h          | 3  |
| 14073 | 03/03/11  | newprojdialog.cpp      | 2  |
| 14074 | 03/03/11  | newprojdialog.h        | 1  |
| 14075 | 03/03/11  | packagedialog.cpp      | 14 |
| 14076 | 03/03/11  | packagedialog.h        | 2  |
| 14077 | 03/03/11  | qucssettingsdialog.cpp | 19 |
| 14078 | 03/03/11  | qucssettingsdialog.h   | 2  |
| 14079 | 03/03/11  | savedialog.cpp         | 5  |
| 14080 | 03/03/11  | savedialog.h           | 3  |
| 14081 | 03/03/11  | searchdialog.cpp       | 5  |
| 14082 | 03/03/11  | searchdialog.h         | 2  |
| 14083 | 10/03/11  | settingsdialog.cpp     | 8  |
| 14084 | 08/03/11  | settingsdialog.h       | 2  |
| 14085 | 08/03/11  | simmesssage.cpp        | 18 |
| 14086 | 08/03/11  | simmesssage.h          | 3  |
| 14087 | 03/03/11  | sweepdialog.cpp        | 7  |
| 14088 | 03/03/11  | sweepdialog.h          | 2  |
| 14089 | 03/03/11  | vasettingsdialog.cpp   | 7  |
| 14090 | 03/03/11  | vasettingsdialog.h     | 2  |
| 14091 | 03/03/11  | vtabbar.cpp            | 4  |
| 14092 | 03/03/11  | vtabbar.h              | 2  |
| 14093 | 03/03/11  | vtabbeddockwidget.cpp  | 3  |
| 14094 | 03/03/11  | vtabbeddockwidget.h    | 2  |
| 14095 | 03/03/11  | vtabbutton.cpp         | 3  |
| 14096 | 03/03/11  | vtabbutton.h           | 2  |
| 14097 | 03/03/11  | vtabglobal.h           | 2  |
| 14098 | 03/03/11  | vtabwidget.cpp         | 4  |
| 14099 | 03/03/11  | vtabwidget.h           | 2  |
| 14100 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs\octave</b> |                        |    |
| 14101 | 04/03/11  | getQucsVariable.m      | 1  |
| 14102 | 04/03/11  | loadQucsDataSet.m      | 2  |
| 14103 | 04/03/11  | loadQucsVariable.m     | 1  |

|       |   |                       |    |
|-------|---|-----------------------|----|
| 14104 | 04/03/11  | Makefile.am           | 1  |
| 14105 | 17/03/11  | Makefile.in           | 13 |
| 14106 | 04/03/11  | showQucsDataSet.m     | 1  |
| 14107 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs\paintings</b>  |                       |    |
| 14108 | 03/03/11  | arrow.cpp             | 14 |
| 14109 | 03/03/11  | arrow.h               | 2  |
| 14110 | 03/03/11  | arrowdialog.cpp       | 5  |
| 14111 | 03/03/11  | arrowdialog.h         | 2  |
| 14112 | 03/03/11  | ellipse.cpp           | 11 |
| 14113 | 03/03/11  | ellipse.h             | 2  |
| 14114 | 03/03/11  | ellipsearch.cpp       | 12 |
| 14115 | 03/03/11  | ellipsearch.h         | 2  |
| 14116 | 03/03/11  | filldialog.cpp        | 6  |
| 14117 | 03/03/11  | filldialog.h          | 2  |
| 14118 | 03/03/11  | graphicline.cpp       | 9  |
| 14119 | 03/03/11  | graphicline.h         | 2  |
| 14120 | 04/03/11  | graphictext.cpp       | 10 |
| 14121 | 03/03/11  | graphictext.h         | 2  |
| 14122 | 03/03/11  | graphictextdialog.cpp | 4  |
| 14123 | 03/03/11  | graphictextdialog.h   | 2  |
| 14124 | 03/03/11  | id_dialog.cpp         | 9  |
| 14125 | 03/03/11  | id_dialog.h           | 2  |
| 14126 | 03/03/11  | id_text.cpp           | 5  |
| 14127 | 03/03/11  | id_text.h             | 2  |
| 14128 | 03/03/11  | Makefile.am           | 2  |
| 14129 | 17/03/11  | Makefile.in           | 17 |
| 14130 | 03/03/11  | painting.cpp          | 3  |
| 14131 | 03/03/11  | painting.h            | 2  |
| 14132 | 03/03/11  | paintings.h           | 1  |
| 14133 | 03/03/11  | portsymbol.cpp        | 6  |
| 14134 | 03/03/11  | portsymbol.h          | 2  |
| 14135 | 03/03/11  | rectangle.cpp         | 12 |
| 14136 | 03/03/11  | rectangle.h           | 2  |
| 14137 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-attenuator</b> |                       |    |
| 14138 | 03/03/11  | attenuatorfunc.cpp    | 5  |

|       |   |                    |     |
|-------|---|--------------------|-----|
| 14139 | 03/03/11  | attenuatorfunc.h   | 1   |
| 14140 | 03/03/11  | helpdialog.cpp     | 3   |
| 14141 | 03/03/11  | helpdialog.h       | 1   |
| 14142 | 03/03/11  | main.cpp           | 4   |
| 14143 | 03/03/11  | Makefile.am        | 1   |
| 14144 | 17/03/11  | Makefile.in        | 26  |
| 14145 | 03/03/11  | qucsattenuator.1   | 2   |
| 14146 | 03/03/11  | qucsattenuator.cpp | 9   |
| 14147 | 03/03/11  | qucsattenuator.h   | 1   |
| 14148 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-attenuator\bitmaps</b> |                    |     |
| 14149 | 03/03/11  | att_bridge.png     | 1   |
| 14150 | 03/03/11  | att_pi.png         | 1   |
| 14151 | 03/03/11  | att_tee.png        | 1   |
| 14152 | 03/03/11  | Makefile.am        | 1   |
| 14153 | 17/03/11  | Makefile.in        | 13  |
| 14154 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core</b>               |                    |     |
| 14155 | 03/03/11  | aclocal.m4         | 36  |
| 14156 | 03/03/11  | AUTHORS            | 1   |
| 14157 | 03/03/11  | autogen.sh         | 2   |
| 14158 | 03/03/11  | BUGS               | 3   |
| 14159 | 03/03/11  | ChangeLog          | 8   |
| 14160 | 03/03/11  | config.guess       | 45  |
| 14161 | 03/03/11  | config.h.in        | 7   |
| 14162 | 03/03/11  | config.sub         | 35  |
| 14163 | 03/03/11  | configure          | 228 |
| 14164 | 03/03/11  | configure.ac       | 7   |
| 14165 | 03/03/11  | COPYING            | 18  |
| 14166 | 03/03/11  | depcomp            | 19  |
| 14167 | 03/03/11  | INSTALL            | 16  |
| 14168 | 03/03/11  | install-sh         | 14  |
| 14169 | 03/03/11  | Makefile.am        | 1   |
| 14170 | 03/03/11  | Makefile.in        | 23  |
| 14171 | 03/03/11  | missing            | 11  |
| 14172 | 12/03/11  | NEWS               | 10  |
| 14173 | 04/03/11  | README             | 2   |

|       |   |                      |     |
|-------|---|----------------------|-----|
| 14174 | 04/03/11  | RELEASE              | 2   |
| 14175 | 03/03/11  | THANKS               | 3   |
| 14176 | 03/03/11  | TODO                 | 10  |
| 14177 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\doc</b> |                      |     |
| 14178 | 03/03/11  | ChangeLog            | 1   |
| 14179 | 03/03/11  | Makefile.am          | 1   |
| 14180 | 03/03/11  | Makefile.in          | 14  |
| 14181 | 03/03/11  | PLATFORMS            | 2   |
| 14182 | 03/03/11  | qucsator.1           | 2   |
| 14183 | 03/03/11  | qucsconv.1           | 2   |
| 14184 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\m4</b>  |                      |     |
| 14185 | 03/03/11  | complexcxx.m4        | 9   |
| 14186 | 03/03/11  | namespace.m4         | 1   |
| 14187 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src</b> |                      |     |
| 14188 | 11/03/11  | acsolver.cpp         | 7   |
| 14189 | 11/03/11  | acsolver.h           | 1   |
| 14190 | 11/03/11  | analyses.h           | 1   |
| 14191 | 11/03/11  | analysis.cpp         | 4   |
| 14192 | 11/03/11  | analysis.h           | 3   |
| 14193 | 11/03/11  | applications.h       | 56  |
| 14194 | 10/03/11  | ChangeLog            | 100 |
| 14195 | 11/03/11  | characteristic.cpp   | 2   |
| 14196 | 11/03/11  | characteristic.h     | 1   |
| 14197 | 11/03/11  | check_citi.cpp       | 8   |
| 14198 | 11/03/11  | check_citi.h         | 2   |
| 14199 | 11/03/11  | check_csv.cpp        | 5   |
| 14200 | 11/03/11  | check_csv.h          | 1   |
| 14201 | 11/03/11  | check_dataset.cpp    | 3   |
| 14202 | 11/03/11  | check_dataset.h      | 1   |
| 14203 | 11/03/11  | check_mdl.cpp        | 20  |
| 14204 | 11/03/11  | check_mdl.h          | 3   |
| 14205 | 11/03/11  | check_netlist.cpp    | 66  |
| 14206 | 11/03/11  | check_netlist.h      | 2   |
| 14207 | 11/03/11  | check_touchstone.cpp | 16  |
| 14208 | 11/03/11  | check_touchstone.h   | 3   |

|       |          |                    |     |
|-------|----------|--------------------|-----|
| 14209 | 11/03/11 | check_zvr.cpp      | 8   |
| 14210 | 11/03/11 | check_zvr.h        | 2   |
| 14211 | 11/03/11 | circuit.cpp        | 28  |
| 14212 | 11/03/11 | circuit.h          | 10  |
| 14213 | 11/03/11 | compat.h           | 1   |
| 14214 | 11/03/11 | constants.h        | 5   |
| 14215 | 11/03/11 | consts.h           | 3   |
| 14216 | 11/03/11 | dataset.cpp        | 15  |
| 14217 | 11/03/11 | dataset.h          | 2   |
| 14218 | 11/03/11 | dcsolver.cpp       | 7   |
| 14219 | 11/03/11 | dcsolver.h         | 1   |
| 14220 | 11/03/11 | devstates.cpp      | 3   |
| 14221 | 11/03/11 | devstates.h        | 2   |
| 14222 | 11/03/11 | differentiate.cpp  | 21  |
| 14223 | 11/03/11 | differentiate.h    | 4   |
| 14224 | 11/03/11 | environment.cpp    | 13  |
| 14225 | 11/03/11 | environment.h      | 3   |
| 14226 | 11/03/11 | eqnsys.cpp         | 42  |
| 14227 | 11/03/11 | eqnsys.h           | 4   |
| 14228 | 11/03/11 | equation.cpp       | 64  |
| 14229 | 11/03/11 | equation.h         | 10  |
| 14230 | 11/03/11 | evaluate.cpp       | 108 |
| 14231 | 11/03/11 | evaluate.h         | 30  |
| 14232 | 11/03/11 | exception.cpp      | 2   |
| 14233 | 11/03/11 | exception.h        | 2   |
| 14234 | 11/03/11 | exceptionstack.cpp | 3   |
| 14235 | 11/03/11 | exceptionstack.h   | 2   |
| 14236 | 11/03/11 | fourier.cpp        | 9   |
| 14237 | 11/03/11 | fourier.h          | 2   |
| 14238 | 11/03/11 | gperfappgen.cpp    | 2   |
| 14239 | 17/03/11 | gperfapphash.cpp   | 55  |
| 14240 | 11/03/11 | hash.cpp           | 11  |
| 14241 | 11/03/11 | hash.h             | 4   |
| 14242 | 11/03/11 | hbsolver.cpp       | 42  |
| 14243 | 11/03/11 | hbsolver.h         | 5   |

|       |          |                    |    |
|-------|----------|--------------------|----|
| 14244 | 11/03/11 | history.cpp        | 5  |
| 14245 | 11/03/11 | history.h          | 2  |
| 14246 | 11/03/11 | input.cpp          | 10 |
| 14247 | 11/03/11 | input.h            | 2  |
| 14248 | 11/03/11 | integrator.cpp     | 2  |
| 14249 | 11/03/11 | integrator.h       | 2  |
| 14250 | 11/03/11 | interpolator.cpp   | 10 |
| 14251 | 11/03/11 | interpolator.h     | 2  |
| 14252 | 11/03/11 | libqucsator.h      | 1  |
| 14253 | 11/03/11 | logging.c          | 3  |
| 14254 | 11/03/11 | logging.h          | 1  |
| 14255 | 03/03/11 | Makefile.am        | 6  |
| 14256 | 03/03/11 | Makefile.in        | 35 |
| 14257 | 11/03/11 | matrix.cpp         | 53 |
| 14258 | 11/03/11 | matrix.h           | 6  |
| 14259 | 11/03/11 | matvec.cpp         | 21 |
| 14260 | 11/03/11 | matvec.h           | 5  |
| 14261 | 12/03/11 | module.cpp         | 12 |
| 14262 | 11/03/11 | module.h           | 2  |
| 14263 | 11/03/11 | nasolution.cpp     | 3  |
| 14264 | 11/03/11 | nasolution.h       | 2  |
| 14265 | 11/03/11 | nasolver.cpp       | 37 |
| 14266 | 11/03/11 | nasolver.h         | 4  |
| 14267 | 11/03/11 | net.cpp            | 16 |
| 14268 | 11/03/11 | net.h              | 3  |
| 14269 | 11/03/11 | netdefs.h          | 6  |
| 14270 | 11/03/11 | node.cpp           | 2  |
| 14271 | 11/03/11 | node.h             | 1  |
| 14272 | 11/03/11 | odelist.cpp        | 14 |
| 14273 | 11/03/11 | odelist.h          | 2  |
| 14274 | 11/03/11 | nodeset.cpp        | 3  |
| 14275 | 11/03/11 | nodeset.h          | 1  |
| 14276 | 11/03/11 | object.cpp         | 8  |
| 14277 | 11/03/11 | object.h           | 2  |
| 14278 | 11/03/11 | operatingpoint.cpp | 2  |



|       |          |                      |     |
|-------|----------|----------------------|-----|
| 14279 | 11/03/11 | operatingpoint.h     | 1   |
| 14280 | 11/03/11 | pair.cpp             | 2   |
| 14281 | 11/03/11 | pair.h               | 1   |
| 14282 | 11/03/11 | parasweep.cpp        | 6   |
| 14283 | 11/03/11 | parasweep.h          | 1   |
| 14284 | 11/03/11 | parse_citi.cpp       | 52  |
| 14285 | 11/03/11 | parse_citi.y         | 4   |
| 14286 | 11/03/11 | parse_csv.cpp        | 45  |
| 14287 | 11/03/11 | parse_csv.y          | 3   |
| 14288 | 11/03/11 | parse_dataset.cpp    | 47  |
| 14289 | 11/03/11 | parse_dataset.y      | 3   |
| 14290 | 11/03/11 | parse_mdl.cpp        | 74  |
| 14291 | 11/03/11 | parse_mdl.y          | 11  |
| 14292 | 11/03/11 | parse_netlist.cpp    | 78  |
| 14293 | 11/03/11 | parse_netlist.y      | 13  |
| 14294 | 11/03/11 | parse_touchstone.cpp | 49  |
| 14295 | 11/03/11 | parse_touchstone.y   | 4   |
| 14296 | 11/03/11 | parse_zvr.cpp        | 49  |
| 14297 | 11/03/11 | parse_zvr.y          | 4   |
| 14298 | 11/03/11 | poly.h               | 2   |
| 14299 | 11/03/11 | property.cpp         | 6   |
| 14300 | 11/03/11 | property.h           | 2   |
| 14301 | 11/03/11 | ptrlist.cpp          | 6   |
| 14302 | 11/03/11 | ptrlist.h            | 2   |
| 14303 | 17/03/11 | qucsdefs.h           | 213 |
| 14304 | 11/03/11 | range.cpp            | 2   |
| 14305 | 11/03/11 | range.h              | 1   |
| 14306 | 11/03/11 | receiver.cpp         | 7   |
| 14307 | 11/03/11 | receiver.h           | 2   |
| 14308 | 11/03/11 | scan_citi.cpp        | 57  |
| 14309 | 11/03/11 | scan_citi.l          | 4   |
| 14310 | 11/03/11 | scan_csv.cpp         | 50  |
| 14311 | 11/03/11 | scan_csv.l           | 3   |
| 14312 | 11/03/11 | scan_dataset.cpp     | 56  |
| 14313 | 11/03/11 | scan_dataset.l       | 4   |

|       |          |                     |    |
|-------|----------|---------------------|----|
| 14314 | 11/03/11 | scan_md1.cpp        | 70 |
| 14315 | 11/03/11 | scan_md1.l          | 5  |
| 14316 | 11/03/11 | scan_netlist.cpp    | 73 |
| 14317 | 11/03/11 | scan_netlist.l      | 9  |
| 14318 | 11/03/11 | scan_touchstone.cpp | 51 |
| 14319 | 11/03/11 | scan_touchstone.l   | 3  |
| 14320 | 11/03/11 | scan_zvr.cpp        | 52 |
| 14321 | 11/03/11 | scan_zvr.l          | 3  |
| 14322 | 11/03/11 | spline.cpp          | 9  |
| 14323 | 11/03/11 | spline.h            | 2  |
| 14324 | 11/03/11 | spsolver.cpp        | 34 |
| 14325 | 11/03/11 | spsolver.h          | 2  |
| 14326 | 11/03/11 | states.cpp          | 4  |
| 14327 | 11/03/11 | states.h            | 2  |
| 14328 | 11/03/11 | strlist.cpp         | 7  |
| 14329 | 11/03/11 | strlist.h           | 2  |
| 14330 | 11/03/11 | sweep.cpp           | 7  |
| 14331 | 11/03/11 | sweep.h             | 2  |
| 14332 | 11/03/11 | tmatrix.cpp         | 10 |
| 14333 | 11/03/11 | tmatrix.h           | 3  |
| 14334 | 11/03/11 | tokens_citi.h       | 3  |
| 14335 | 11/03/11 | tokens_csv.h        | 2  |
| 14336 | 11/03/11 | tokens_dataset.h    | 3  |
| 14337 | 11/03/11 | tokens_md1.h        | 4  |
| 14338 | 11/03/11 | tokens_netlist.h    | 3  |
| 14339 | 11/03/11 | tokens_touchstone.h | 2  |
| 14340 | 11/03/11 | tokens_zvr.h        | 3  |
| 14341 | 11/03/11 | transient.cpp       | 13 |
| 14342 | 11/03/11 | transient.h         | 2  |
| 14343 | 11/03/11 | tridiag.cpp         | 9  |
| 14344 | 11/03/11 | tridiag.h           | 2  |
| 14345 | 11/03/11 | trsolver.cpp        | 24 |
| 14346 | 11/03/11 | trsolver.h          | 3  |
| 14347 | 11/03/11 | tvector.cpp         | 11 |
| 14348 | 11/03/11 | tvector.h           | 4  |

|       |  |                |    |
|-------|--|----------------|----|
| 14349 | 11/03/11   | ucs.cpp        | 5  |
| 14350 | 11/03/11   | valuelist.cpp  | 6  |
| 14351 | 11/03/11   | valuelist.h    | 2  |
| 14352 | 11/03/11   | variable.cpp   | 3  |
| 14353 | 11/03/11   | variable.h     | 3  |
| 14354 | 17/03/11   | vector.cpp     | 31 |
| 14355 | 11/03/11   | vector.h       | 8  |
| 14356 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\components</b> |                |    |
| 14357 | 11/03/11   | amplifier.cpp  | 4  |
| 14358 | 11/03/11   | amplifier.h    | 2  |
| 14359 | 11/03/11   | attenuator.cpp | 5  |
| 14360 | 11/03/11   | attenuator.h   | 1  |
| 14361 | 11/03/11   | biastee.cpp    | 3  |
| 14362 | 11/03/11   | biastee.h      | 1  |
| 14363 | 11/03/11   | capacitor.cpp  | 4  |
| 14364 | 11/03/11   | capacitor.h    | 1  |
| 14365 | 11/03/11   | cccs.cpp       | 3  |
| 14366 | 11/03/11   | cccs.h         | 1  |
| 14367 | 11/03/11   | ccvs.cpp       | 4  |
| 14368 | 11/03/11   | ccvs.h         | 1  |
| 14369 | 11/03/11   | ChangeLog      | 46 |
| 14370 | 11/03/11   | circulator.cpp | 4  |
| 14371 | 11/03/11   | circulator.h   | 1  |
| 14372 | 11/03/11   | coaxline.cpp   | 6  |
| 14373 | 11/03/11   | coaxline.h     | 1  |
| 14374 | 11/03/11   | component.h    | 1  |
| 14375 | 12/03/11   | component_id.h | 3  |
| 14376 | 12/03/11   | components.h   | 5  |
| 14377 | 11/03/11   | coupler.cpp    | 4  |
| 14378 | 11/03/11   | coupler.h      | 1  |
| 14379 | 11/03/11   | cross.cpp      | 2  |
| 14380 | 11/03/11   | cross.h        | 1  |
| 14381 | 11/03/11   | ctline.cpp     | 6  |
| 14382 | 11/03/11   | ctline.h       | 1  |
| 14383 | 11/03/11   | dcblock.cpp    | 2  |

|       |          |              |   |
|-------|----------|--------------|---|
| 14384 | 11/03/11 | dcblock.h    | 1 |
| 14385 | 11/03/11 | dcfeed.cpp   | 2 |
| 14386 | 11/03/11 | dcfeed.h     | 1 |
| 14387 | 11/03/11 | ground.cpp   | 1 |
| 14388 | 11/03/11 | ground.h     | 1 |
| 14389 | 11/03/11 | gyrator.cpp  | 3 |
| 14390 | 11/03/11 | gyrator.h    | 1 |
| 14391 | 11/03/11 | hybrid.cpp   | 3 |
| 14392 | 11/03/11 | hybrid.h     | 1 |
| 14393 | 11/03/11 | iac.cpp      | 2 |
| 14394 | 11/03/11 | iac.h        | 1 |
| 14395 | 11/03/11 | idc.cpp      | 2 |
| 14396 | 11/03/11 | idc.h        | 1 |
| 14397 | 11/03/11 | iexp.cpp     | 3 |
| 14398 | 11/03/11 | iexp.h       | 1 |
| 14399 | 11/03/11 | ifile.cpp    | 4 |
| 14400 | 11/03/11 | ifile.h      | 1 |
| 14401 | 11/03/11 | iinoise.cpp  | 3 |
| 14402 | 11/03/11 | iinoise.h    | 1 |
| 14403 | 11/03/11 | inductor.cpp | 3 |
| 14404 | 11/03/11 | inductor.h   | 1 |
| 14405 | 11/03/11 | inoise.cpp   | 3 |
| 14406 | 11/03/11 | inoise.h     | 1 |
| 14407 | 11/03/11 | iprobe.cpp   | 2 |
| 14408 | 11/03/11 | iprobe.h     | 1 |
| 14409 | 11/03/11 | ipulse.cpp   | 3 |
| 14410 | 11/03/11 | ipulse.h     | 1 |
| 14411 | 11/03/11 | irect.cpp    | 3 |
| 14412 | 11/03/11 | irect.h      | 1 |
| 14413 | 11/03/11 | isolator.cpp | 4 |
| 14414 | 11/03/11 | isolator.h   | 1 |
| 14415 | 11/03/11 | itrafo.cpp   | 2 |
| 14416 | 11/03/11 | itrafo.h     | 1 |
| 14417 | 11/03/11 | ivnoise.cpp  | 4 |
| 14418 | 11/03/11 | ivnoise.h    | 1 |

|       |          |                  |    |
|-------|----------|------------------|----|
| 14419 | 11/03/11 | Makefile.am      | 3  |
| 14420 | 11/03/11 | Makefile.in      | 27 |
| 14421 | 11/03/11 | mutual.cpp       | 5  |
| 14422 | 11/03/11 | mutual.h         | 1  |
| 14423 | 11/03/11 | mutual2.cpp      | 6  |
| 14424 | 11/03/11 | mutual2.h        | 1  |
| 14425 | 11/03/11 | mutualx.cpp      | 5  |
| 14426 | 11/03/11 | mutualx.h        | 1  |
| 14427 | 11/03/11 | opamp.cpp        | 3  |
| 14428 | 11/03/11 | opamp.h          | 1  |
| 14429 | 11/03/11 | open.cpp         | 1  |
| 14430 | 11/03/11 | open.h           | 1  |
| 14431 | 11/03/11 | pac.cpp          | 4  |
| 14432 | 11/03/11 | pac.h            | 1  |
| 14433 | 11/03/11 | phaseshifter.cpp | 3  |
| 14434 | 11/03/11 | phaseshifter.h   | 1  |
| 14435 | 11/03/11 | rectline.cpp     | 10 |
| 14436 | 03/03/11 | rectline.h       | 2  |
| 14437 | 11/03/11 | relais.cpp       | 3  |
| 14438 | 11/03/11 | relais.h         | 1  |
| 14439 | 11/03/11 | resistor.cpp     | 5  |
| 14440 | 11/03/11 | resistor.h       | 1  |
| 14441 | 11/03/11 | rfedd.cpp        | 14 |
| 14442 | 11/03/11 | rfedd.h          | 2  |
| 14443 | 11/03/11 | rlcg.cpp         | 4  |
| 14444 | 11/03/11 | rlcg.h           | 1  |
| 14445 | 11/03/11 | short.cpp        | 1  |
| 14446 | 11/03/11 | short.h          | 1  |
| 14447 | 17/03/11 | spfile.cpp       | 16 |
| 14448 | 11/03/11 | spfile.h         | 2  |
| 14449 | 11/03/11 | strafo.cpp       | 4  |
| 14450 | 11/03/11 | strafo.h         | 1  |
| 14451 | 11/03/11 | tee.cpp          | 2  |
| 14452 | 11/03/11 | tee.h            | 1  |
| 14453 | 11/03/11 | tline.cpp        | 6  |

|       |          |                 |   |
|-------|----------|-----------------|---|
| 14454 | 11/03/11 | tline.h         | 1 |
| 14455 | 11/03/11 | tline4p.cpp     | 6 |
| 14456 | 11/03/11 | tline4p.h       | 1 |
| 14457 | 11/03/11 | trafo.cpp       | 3 |
| 14458 | 11/03/11 | trafo.h         | 1 |
| 14459 | 11/03/11 | tswitch.cpp     | 4 |
| 14460 | 11/03/11 | tswitch.h       | 1 |
| 14461 | 11/03/11 | twistedpair.cpp | 7 |
| 14462 | 11/03/11 | twistedpair.h   | 2 |
| 14463 | 11/03/11 | vac.cpp         | 3 |
| 14464 | 11/03/11 | vac.h           | 1 |
| 14465 | 11/03/11 | vam.cpp         | 2 |
| 14466 | 11/03/11 | vam.h           | 1 |
| 14467 | 11/03/11 | vccs.cpp        | 3 |
| 14468 | 11/03/11 | vccs.h          | 1 |
| 14469 | 11/03/11 | vcvs.cpp        | 3 |
| 14470 | 11/03/11 | vcvs.h          | 1 |
| 14471 | 11/03/11 | vdc.cpp         | 2 |
| 14472 | 11/03/11 | vdc.h           | 1 |
| 14473 | 11/03/11 | vexp.cpp        | 3 |
| 14474 | 11/03/11 | vexp.h          | 1 |
| 14475 | 11/03/11 | vfile.cpp       | 4 |
| 14476 | 11/03/11 | vfile.h         | 1 |
| 14477 | 11/03/11 | vnoise.cpp      | 3 |
| 14478 | 11/03/11 | vnoise.h        | 1 |
| 14479 | 11/03/11 | vpm.cpp         | 2 |
| 14480 | 11/03/11 | vpm.h           | 1 |
| 14481 | 11/03/11 | vprobe.cpp      | 2 |
| 14482 | 11/03/11 | vprobe.h        | 1 |
| 14483 | 11/03/11 | vpulse.cpp      | 3 |
| 14484 | 11/03/11 | vpulse.h        | 1 |
| 14485 | 11/03/11 | vrect.cpp       | 3 |
| 14486 | 11/03/11 | vrect.h         | 1 |
| 14487 | 11/03/11 | vvnoise.cpp     | 4 |
| 14488 | 11/03/11 | vvnoise.h       | 1 |

| Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\components\devices |          |                 |    |
|---|----------|-----------------|----|
| 14489   |          |                 |    |
| 14490   | 11/03/11 | bjt.cpp         | 27 |
| 14491   | 11/03/11 | bjt.h           | 2  |
| 14492   | 11/03/11 | device.cpp      | 12 |
| 14493   | 11/03/11 | device.h        | 8  |
| 14494   | 11/03/11 | diac.cpp        | 6  |
| 14495   | 11/03/11 | diac.h          | 1  |
| 14496   | 11/03/11 | diode.cpp       | 15 |
| 14497   | 11/03/11 | diode.h         | 2  |
| 14498   | 11/03/11 | eqndefined.cpp  | 14 |
| 14499   | 11/03/11 | eqndefined.h    | 2  |
| 14500   | 11/03/11 | jfet.cpp        | 14 |
| 14501   | 11/03/11 | jfet.h          | 2  |
| 14502   | 11/03/11 | Makefile.am     | 1  |
| 14503   | 11/03/11 | Makefile.in     | 16 |
| 14504   | 11/03/11 | mosfet.cpp      | 25 |
| 14505   | 11/03/11 | mosfet.h        | 2  |
| 14506   | 11/03/11 | thyristor.cpp   | 7  |
| 14507   | 11/03/11 | thyristor.h     | 2  |
| 14508   | 11/03/11 | triac.cpp       | 7  |
| 14509   | 11/03/11 | triac.h         | 1  |
| 14510   | 11/03/11 | tunneldiode.cpp | 7  |
| 14511   | 11/03/11 | tunneldiode.h   | 2  |
| 14512   |          |                 |    |
| Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\components\digital |          |                 |    |
| 14513   | 11/03/11 | and.cpp         | 2  |
| 14514   | 11/03/11 | and.h           | 1  |
| 14515   | 11/03/11 | buffer.cpp      | 2  |
| 14516   | 11/03/11 | buffer.h        | 1  |
| 14517   | 11/03/11 | digisource.cpp  | 3  |
| 14518   | 11/03/11 | digisource.h    | 1  |
| 14519   | 11/03/11 | digital.cpp     | 5  |
| 14520   | 11/03/11 | digital.h       | 2  |
| 14521   | 11/03/11 | inverter.cpp    | 2  |
| 14522   | 11/03/11 | inverter.h      | 1  |
| 14523   | 03/03/11 | Makefile.am     | 1  |

|       |   |              |    |
|-------|---|--------------|----|
| 14524 | 03/03/11  | Makefile.in  | 15 |
| 14525 | 11/03/11  | nand.cpp     | 2  |
| 14526 | 11/03/11  | nand.h       | 1  |
| 14527 | 11/03/11  | nor.cpp      | 2  |
| 14528 | 11/03/11  | nor.h        | 1  |
| 14529 | 11/03/11  | or.cpp       | 2  |
| 14530 | 11/03/11  | or.h         | 1  |
| 14531 | 11/03/11  | xnor.cpp     | 2  |
| 14532 | 11/03/11  | xnor.h       | 1  |
| 14533 | 11/03/11  | xor.cpp      | 2  |
| 14534 | 11/03/11  | xor.h        | 1  |
| 14535 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\components\microstrip</b> |              |    |
| 14536 | 11/03/11  | bondwire.cpp | 12 |
| 14537 | 11/03/11  | bondwire.h   | 2  |
| 14538 | 11/03/11  | cpwgap.cpp   | 2  |
| 14539 | 11/03/11  | cpwgap.h     | 1  |
| 14540 | 11/03/11  | cpwline.cpp  | 12 |
| 14541 | 11/03/11  | cpwline.h    | 2  |
| 14542 | 11/03/11  | cpwopen.cpp  | 4  |
| 14543 | 11/03/11  | cpwopen.h    | 1  |
| 14544 | 11/03/11  | cpwshort.cpp | 3  |
| 14545 | 11/03/11  | cpwshort.h   | 1  |
| 14546 | 11/03/11  | cpwstep.cpp  | 5  |
| 14547 | 11/03/11  | cpwstep.h    | 1  |
| 14548 | 03/03/11  | Makefile.am  | 2  |
| 14549 | 03/03/11  | Makefile.in  | 17 |
| 14550 | 11/03/11  | mscopy.cpp   | 3  |
| 14551 | 11/03/11  | mscopy.h     | 1  |
| 14552 | 11/03/11  | mscopy.cpp   | 18 |
| 14553 | 11/03/11  | mscopy.h     | 2  |
| 14554 | 11/03/11  | mscopy.cpp   | 6  |
| 14555 | 11/03/11  | mscopy.h     | 1  |
| 14556 | 11/03/11  | msgap.cpp    | 4  |
| 14557 | 11/03/11  | msgap.h      | 1  |
| 14558 | 11/03/11  | msline.cpp   | 17 |



|       |  |                                     |    |
|-------|--|-------------------------------------|----|
| 14559 | 11/03/11   | msline.h                            | 3  |
| 14560 | 11/03/11   | msmbend.cpp                         | 3  |
| 14561 | 11/03/11   | msmbend.h                           | 1  |
| 14562 | 11/03/11   | msopen.cpp                          | 5  |
| 14563 | 11/03/11   | msopen.h                            | 1  |
| 14564 | 11/03/11   | msrstub.cpp                         | 3  |
| 14565 | 11/03/11   | msrstub.h                           | 1  |
| 14566 | 11/03/11   | msstep.cpp                          | 4  |
| 14567 | 11/03/11   | msstep.h                            | 1  |
| 14568 | 11/03/11   | mstee.cpp                           | 10 |
| 14569 | 11/03/11   | mstee.h                             | 2  |
| 14570 | 11/03/11   | msvia.cpp                           | 5  |
| 14571 | 11/03/11   | msvia.h                             | 1  |
| 14572 | 11/03/11   | substrate.cpp                       | 2  |
| 14573 | 11/03/11   | substrate.h                         | 1  |
| 14574 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\components\verilog</b> |                                     |    |
| 14575 | 03/03/11   | analogfunction.xml                  | 48 |
| 14576 | 16/03/11   | andor4x2.analogfunction.cpp         | 4  |
| 14577 | 16/03/11   | andor4x2.core.cpp                   | 18 |
| 14578 | 16/03/11   | andor4x2.core.h                     | 2  |
| 14579 | 16/03/11   | andor4x2.defs.h                     | 1  |
| 14580 | 03/03/11   | andor4x2.va                         | 1  |
| 14581 | 16/03/11   | andor4x3.analogfunction.cpp         | 4  |
| 14582 | 16/03/11   | andor4x3.core.cpp                   | 19 |
| 14583 | 16/03/11   | andor4x3.core.h                     | 2  |
| 14584 | 16/03/11   | andor4x3.defs.h                     | 1  |
| 14585 | 03/03/11   | andor4x3.va                         | 1  |
| 14586 | 16/03/11   | andor4x4.analogfunction.cpp         | 4  |
| 14587 | 16/03/11   | andor4x4.core.cpp                   | 20 |
| 14588 | 16/03/11   | andor4x4.core.h                     | 2  |
| 14589 | 16/03/11   | andor4x4.defs.h                     | 1  |
| 14590 | 03/03/11   | andor4x4.va                         | 2  |
| 14591 | 16/03/11   | binarytogrey4bit.analogfunction.cpp | 4  |
| 14592 | 16/03/11   | binarytogrey4bit.core.cpp           | 21 |
| 14593 | 16/03/11   | binarytogrey4bit.core.h             | 2  |

|       |          |                              |    |
|-------|----------|------------------------------|----|
| 14594 | 16/03/11 | binarytogrey4bit.defs.h      | 1  |
| 14595 | 03/03/11 | binarytogrey4bit.va          | 2  |
| 14596 | 12/03/11 | ChangeLog                    | 7  |
| 14597 | 16/03/11 | comp_1bit.analogfunction.cpp | 4  |
| 14598 | 16/03/11 | comp_1bit.core.cpp           | 19 |
| 14599 | 16/03/11 | comp_1bit.core.h             | 2  |
| 14600 | 16/03/11 | comp_1bit.defs.h             | 1  |
| 14601 | 03/03/11 | comp_1bit.va                 | 2  |
| 14602 | 16/03/11 | comp_2bit.analogfunction.cpp | 4  |
| 14603 | 16/03/11 | comp_2bit.core.cpp           | 20 |
| 14604 | 16/03/11 | comp_2bit.core.h             | 2  |
| 14605 | 16/03/11 | comp_2bit.defs.h             | 1  |
| 14606 | 03/03/11 | comp_2bit.va                 | 2  |
| 14607 | 16/03/11 | comp_4bit.analogfunction.cpp | 4  |
| 14608 | 16/03/11 | comp_4bit.core.cpp           | 24 |
| 14609 | 16/03/11 | comp_4bit.core.h             | 2  |
| 14610 | 16/03/11 | comp_4bit.defs.h             | 1  |
| 14611 | 03/03/11 | comp_4bit.va                 | 2  |
| 14612 | 11/03/11 | constants.vams               | 1  |
| 14613 | 16/03/11 | dff_SR.analogfunction.cpp    | 4  |
| 14614 | 16/03/11 | dff_SR.core.cpp              | 20 |
| 14615 | 16/03/11 | dff_SR.core.h                | 2  |
| 14616 | 16/03/11 | dff_SR.defs.h                | 1  |
| 14617 | 03/03/11 | dff_SR.va                    | 2  |
| 14618 | 16/03/11 | DLS_1ton.analogfunction.cpp  | 4  |
| 14619 | 16/03/11 | DLS_1ton.core.cpp            | 16 |
| 14620 | 16/03/11 | DLS_1ton.core.h              | 2  |
| 14621 | 16/03/11 | DLS_1ton.defs.h              | 1  |
| 14622 | 03/03/11 | DLS_1ton.va                  | 1  |
| 14623 | 16/03/11 | DLS_nton1.analogfunction.cpp | 4  |
| 14624 | 16/03/11 | DLS_nton1.core.cpp           | 16 |
| 14625 | 16/03/11 | DLS_nton1.core.h             | 2  |
| 14626 | 16/03/11 | DLS_nton1.defs.h             | 1  |
| 14627 | 03/03/11 | DLS_nton1.va                 | 1  |
| 14628 | 16/03/11 | dmux2to4.analogfunction.cpp  | 4  |

|       |          |                                |    |
|-------|----------|--------------------------------|----|
| 14629 | 16/03/11 | dmux2to4.core.cpp              | 21 |
| 14630 | 16/03/11 | dmux2to4.core.h                | 2  |
| 14631 | 16/03/11 | dmux2to4.defs.h                | 1  |
| 14632 | 03/03/11 | dmux2to4.va                    | 2  |
| 14633 | 16/03/11 | dmux3to8.analogfunction.cpp    | 4  |
| 14634 | 16/03/11 | dmux3to8.core.cpp              | 28 |
| 14635 | 16/03/11 | dmux3to8.core.h                | 2  |
| 14636 | 16/03/11 | dmux3to8.defs.h                | 1  |
| 14637 | 03/03/11 | dmux3to8.va                    | 3  |
| 14638 | 16/03/11 | dmux4to16.analogfunction.cpp   | 4  |
| 14639 | 16/03/11 | dmux4to16.core.cpp             | 43 |
| 14640 | 16/03/11 | dmux4to16.core.h               | 2  |
| 14641 | 16/03/11 | dmux4to16.defs.h               | 1  |
| 14642 | 03/03/11 | dmux4to16.va                   | 5  |
| 14643 | 16/03/11 | EKV26MOS.analogfunction.cpp    | 4  |
| 14644 | 16/03/11 | EKV26MOS.core.cpp              | 71 |
| 14645 | 16/03/11 | EKV26MOS.core.h                | 4  |
| 14646 | 16/03/11 | EKV26MOS.defs.h                | 4  |
| 14647 | 03/03/11 | EKV26MOS.va                    | 18 |
| 14648 | 16/03/11 | fa1b.analogfunction.cpp        | 4  |
| 14649 | 16/03/11 | fa1b.core.cpp                  | 19 |
| 14650 | 16/03/11 | fa1b.core.h                    | 2  |
| 14651 | 16/03/11 | fa1b.defs.h                    | 1  |
| 14652 | 03/03/11 | fa1b.va                        | 1  |
| 14653 | 16/03/11 | fa2b.analogfunction.cpp        | 4  |
| 14654 | 16/03/11 | fa2b.core.cpp                  | 21 |
| 14655 | 16/03/11 | fa2b.core.h                    | 2  |
| 14656 | 16/03/11 | fa2b.defs.h                    | 1  |
| 14657 | 03/03/11 | fa2b.va                        | 2  |
| 14658 | 03/03/11 | fbh_hbt-2_2a.va                | 26 |
| 14659 | 16/03/11 | gatedDlatch.analogfunction.cpp | 4  |
| 14660 | 16/03/11 | gatedDlatch.core.cpp           | 17 |
| 14661 | 16/03/11 | gatedDlatch.core.h             | 2  |
| 14662 | 16/03/11 | gatedDlatch.defs.h             | 1  |
| 14663 | 03/03/11 | gatedDlatch.va                 | 1  |

|       |          |                                     |      |
|-------|----------|-------------------------------------|------|
| 14664 | 16/03/11 | greytobinary4bit.analogfunction.cpp | 4    |
| 14665 | 16/03/11 | greytobinary4bit.core.cpp           | 21   |
| 14666 | 16/03/11 | greytobinary4bit.core.h             | 2    |
| 14667 | 16/03/11 | greytobinary4bit.defs.h             | 1    |
| 14668 | 03/03/11 | greytobinary4bit.va                 | 2    |
| 14669 | 16/03/11 | ha1b.analogfunction.cpp             | 4    |
| 14670 | 16/03/11 | ha1b.analogfunction.h               |      |
| 14671 | 16/03/11 | ha1b.core.cpp                       | 18   |
| 14672 | 16/03/11 | ha1b.core.h                         | 2    |
| 14673 | 16/03/11 | ha1b.defs.h                         | 1    |
| 14674 | 03/03/11 | ha1b.va                             | 1    |
| 14675 | 16/03/11 | HBT_X.analogfunction.cpp            | 35   |
| 14676 | 16/03/11 | HBT_X.analogfunction.h              | 2    |
| 14677 | 16/03/11 | HBT_X.core.cpp                      | 51   |
| 14678 | 16/03/11 | HBT_X.core.h                        | 3    |
| 14679 | 16/03/11 | HBT_X.defs.h                        | 6    |
| 14680 | 16/03/11 | hic0_full.analogfunction.cpp        | 4    |
| 14681 | 16/03/11 | hic0_full.core.cpp                  | 192  |
| 14682 | 16/03/11 | hic0_full.core.h                    | 4    |
| 14683 | 16/03/11 | hic0_full.defs.h                    | 6    |
| 14684 | 16/03/11 | hic2_full.analogfunction.cpp        | 4    |
| 14685 | 16/03/11 | hic2_full.core.cpp                  | 1345 |
| 14686 | 16/03/11 | hic2_full.core.h                    | 4    |
| 14687 | 16/03/11 | hic2_full.defs.h                    | 8    |
| 14688 | 03/03/11 | hicumL0V1p12.va                     | 33   |
| 14689 | 16/03/11 | hicumL0V1p2.analogfunction.cpp      | 4    |
| 14690 | 16/03/11 | hicumL0V1p2.core.cpp                | 150  |
| 14691 | 16/03/11 | hicumL0V1p2.core.h                  | 4    |
| 14692 | 16/03/11 | hicumL0V1p2.defs.h                  | 7    |
| 14693 | 03/03/11 | hicumL0V1p2.va                      | 38   |
| 14694 | 16/03/11 | hicumL0V1p2g.analogfunction.cpp     | 4    |
| 14695 | 16/03/11 | hicumL0V1p2g.core.cpp               | 167  |
| 14696 | 16/03/11 | hicumL0V1p2g.core.h                 | 4    |
| 14697 | 16/03/11 | hicumL0V1p2g.defs.h                 | 7    |
| 14698 | 03/03/11 | hicumL0V1p2g.va                     | 39   |

|       |          |                                 |      |
|-------|----------|---------------------------------|------|
| 14699 | 16/03/11 | hicumL0V1p3.analogfunction.cpp  | 4    |
| 14700 | 16/03/11 | hicumL0V1p3.core.cpp            | 171  |
| 14701 | 16/03/11 | hicumL0V1p3.core.h              | 4    |
| 14702 | 16/03/11 | hicumL0V1p3.defs.h              | 8    |
| 14703 | 12/03/11 | hicumL0V1p3.va                  | 43   |
| 14704 | 16/03/11 | hicumL2V2p1.analogfunction.cpp  | 4    |
| 14705 | 16/03/11 | hicumL2V2p1.core.cpp            | 314  |
| 14706 | 16/03/11 | hicumL2V2p1.core.h              | 4    |
| 14707 | 16/03/11 | hicumL2V2p1.defs.h              | 8    |
| 14708 | 03/03/11 | hicumL2V2p11.va                 | 36   |
| 14709 | 03/03/11 | hicumL2V2p22.va                 | 57   |
| 14710 | 16/03/11 | hicumL2V2p23.analogfunction.cpp | 4    |
| 14711 | 16/03/11 | hicumL2V2p23.core.cpp           | 1893 |
| 14712 | 16/03/11 | hicumL2V2p23.core.h             | 5    |
| 14713 | 16/03/11 | hicumL2V2p23.defs.h             | 8    |
| 14714 | 03/03/11 | hicumL2V2p23.va                 | 71   |
| 14715 | 16/03/11 | hicumL2V2p24.analogfunction.cpp | 4    |
| 14716 | 16/03/11 | hicumL2V2p24.core.cpp           | 354  |
| 14717 | 16/03/11 | hicumL2V2p24.core.h             | 5    |
| 14718 | 16/03/11 | hicumL2V2p24.defs.h             | 8    |
| 14719 | 03/03/11 | hicumL2V2p24.va                 | 66   |
| 14720 | 16/03/11 | hpribin4bit.analogfunction.cpp  | 4    |
| 14721 | 16/03/11 | hpribin4bit.core.cpp            | 19   |
| 14722 | 16/03/11 | hpribin4bit.core.h              | 2    |
| 14723 | 16/03/11 | hpribin4bit.defs.h              | 1    |
| 14724 | 03/03/11 | hpribin4bit.va                  | 2    |
| 14725 | 16/03/11 | jkff_SR.analogfunction.cpp      | 4    |
| 14726 | 16/03/11 | jkff_SR.core.cpp                | 21   |
| 14727 | 16/03/11 | jkff_SR.core.h                  | 2    |
| 14728 | 16/03/11 | jkff_SR.defs.h                  | 1    |
| 14729 | 03/03/11 | jkff_SR.va                      | 2    |
| 14730 | 16/03/11 | log_amp.analogfunction.cpp      | 4    |
| 14731 | 16/03/11 | log_amp.core.cpp                | 18   |
| 14732 | 16/03/11 | log_amp.core.h                  | 2    |
| 14733 | 16/03/11 | log_amp.defs.h                  | 2    |

|       |          |                            |    |
|-------|----------|----------------------------|----|
| 14734 | 03/03/11 | log_amp.va                 | 4  |
| 14735 | 16/03/11 | logic_0.analogfunction.cpp | 4  |
| 14736 | 16/03/11 | logic_0.core.cpp           | 15 |
| 14737 | 16/03/11 | logic_0.core.h             | 2  |
| 14738 | 16/03/11 | logic_0.defs.h             | 1  |
| 14739 | 03/03/11 | logic_0.va                 | 1  |
| 14740 | 16/03/11 | logic_1.analogfunction.cpp | 4  |
| 14741 | 16/03/11 | logic_1.core.cpp           | 15 |
| 14742 | 16/03/11 | logic_1.core.h             | 2  |
| 14743 | 16/03/11 | logic_1.defs.h             | 1  |
| 14744 | 03/03/11 | logic_1.va                 | 1  |
| 14745 | 12/03/11 | Makefile.am                | 34 |
| 14746 | 12/03/11 | Makefile.in                | 69 |
| 14747 | 16/03/11 | MESFET.analogfunction.cpp  | 4  |
| 14748 | 16/03/11 | MESFET.core.cpp            | 58 |
| 14749 | 16/03/11 | MESFET.core.h              | 3  |
| 14750 | 16/03/11 | MESFET.defs.h              | 4  |
| 14751 | 03/03/11 | MESFET.va                  | 16 |
| 14752 | 16/03/11 | mod_amp.analogfunction.cpp | 4  |
| 14753 | 16/03/11 | mod_amp.core.cpp           | 22 |
| 14754 | 16/03/11 | mod_amp.core.h             | 2  |
| 14755 | 16/03/11 | mod_amp.defs.h             | 2  |
| 14756 | 03/03/11 | mod_amp.va                 | 5  |
| 14757 | 16/03/11 | mux2to1.analogfunction.cpp | 4  |
| 14758 | 16/03/11 | mux2to1.core.cpp           | 17 |
| 14759 | 16/03/11 | mux2to1.core.h             | 2  |
| 14760 | 16/03/11 | mux2to1.defs.h             | 1  |
| 14761 | 03/03/11 | mux2to1.va                 | 1  |
| 14762 | 16/03/11 | mux4to1.analogfunction.cpp | 4  |
| 14763 | 16/03/11 | mux4to1.core.cpp           | 18 |
| 14764 | 16/03/11 | mux4to1.core.h             | 2  |
| 14765 | 16/03/11 | mux4to1.defs.h             | 1  |
| 14766 | 03/03/11 | mux4to1.va                 | 1  |
| 14767 | 16/03/11 | mux8to1.analogfunction.cpp | 4  |
| 14768 | 16/03/11 | mux8to1.core.cpp           | 21 |

|       |          |                                    |    |
|-------|----------|------------------------------------|----|
| 14769 | 16/03/11 | mux8to1.core.h                     | 2  |
| 14770 | 16/03/11 | mux8to1.defs.h                     | 1  |
| 14771 | 03/03/11 | mux8to1.va                         | 2  |
| 14772 | 16/03/11 | nigbt.analogfunction.cpp           | 4  |
| 14773 | 16/03/11 | nigbt.core.cpp                     | 49 |
| 14774 | 16/03/11 | nigbt.core.h                       | 2  |
| 14775 | 16/03/11 | nigbt.defs.h                       | 2  |
| 14776 | 03/03/11 | nigbt.va                           | 9  |
| 14777 | 16/03/11 | pad2bit.analogfunction.cpp         | 4  |
| 14778 | 16/03/11 | pad2bit.core.cpp                   | 16 |
| 14779 | 16/03/11 | pad2bit.core.h                     | 2  |
| 14780 | 16/03/11 | pad2bit.defs.h                     | 1  |
| 14781 | 03/03/11 | pad2bit.va                         | 1  |
| 14782 | 16/03/11 | pad3bit.analogfunction.cpp         | 4  |
| 14783 | 16/03/11 | pad3bit.core.cpp                   | 16 |
| 14784 | 16/03/11 | pad3bit.core.h                     | 2  |
| 14785 | 16/03/11 | pad3bit.defs.h                     | 1  |
| 14786 | 03/03/11 | pad3bit.va                         | 1  |
| 14787 | 16/03/11 | pad4bit.analogfunction.cpp         | 4  |
| 14788 | 16/03/11 | pad4bit.core.cpp                   | 17 |
| 14789 | 16/03/11 | pad4bit.core.h                     | 2  |
| 14790 | 16/03/11 | pad4bit.defs.h                     | 1  |
| 14791 | 03/03/11 | pad4bit.va                         | 2  |
| 14792 | 16/03/11 | photodiode.analogfunction.cpp      | 4  |
| 14793 | 16/03/11 | photodiode.core.cpp                | 22 |
| 14794 | 16/03/11 | photodiode.core.h                  | 2  |
| 14795 | 16/03/11 | photodiode.defs.h                  | 2  |
| 14796 | 03/03/11 | photodiode.va                      | 5  |
| 14797 | 16/03/11 | phototransistor.analogfunction.cpp | 4  |
| 14798 | 16/03/11 | phototransistor.core.cpp           | 24 |
| 14799 | 16/03/11 | phototransistor.core.h             | 2  |
| 14800 | 16/03/11 | phototransistor.defs.h             | 3  |
| 14801 | 03/03/11 | phototransistor.va                 | 6  |
| 14802 | 16/03/11 | potentiometer.analogfunction.cpp   | 4  |
| 14803 | 16/03/11 | potentiometer.core.cpp             | 18 |

|       |   |                           |     |
|-------|---|---------------------------|-----|
| 14804 | 16/03/11  | potentiometer.core.h      | 2   |
| 14805 | 16/03/11  | potentiometer.defs.h      | 1   |
| 14806 | 03/03/11  | potentiometer.va          | 4   |
| 14807 | 03/03/11  | qucsMODULEcore.xml        | 31  |
| 14808 | 03/03/11  | qucsMODULEdefs.xml        | 9   |
| 14809 | 03/03/11  | qucsMODULEgui.xml         | 15  |
| 14810 | 03/03/11  | qucsVersion.xml           | 91  |
| 14811 | 16/03/11  | tff_SR.analogfunction.cpp | 4   |
| 14812 | 16/03/11  | tff_SR.core.cpp           | 21  |
| 14813 | 16/03/11  | tff_SR.core.h             | 2   |
| 14814 | 16/03/11  | tff_SR.defs.h             | 1   |
| 14815 | 03/03/11  | tff_SR.va                 | 2   |
| 14816 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\converter</b> |                           |     |
| 14817 | 03/03/11  | ChangeLog                 | 16  |
| 14818 | 11/03/11  | check_spice.cpp           | 97  |
| 14819 | 11/03/11  | check_spice.h             | 2   |
| 14820 | 11/03/11  | check_vcd.cpp             | 16  |
| 14821 | 11/03/11  | check_vcd.h               | 5   |
| 14822 | 11/03/11  | csv_producer.cpp          | 5   |
| 14823 | 11/03/11  | csv_producer.h            | 1   |
| 14824 | 03/03/11  | Makefile.am               | 2   |
| 14825 | 03/03/11  | Makefile.in               | 18  |
| 14826 | 11/03/11  | matlab_producer.cpp       | 5   |
| 14827 | 11/03/11  | matlab_producer.h         | 1   |
| 14828 | 11/03/11  | parse_spice.cpp           | 121 |
| 14829 | 11/03/11  | parse_spice.y             | 30  |
| 14830 | 11/03/11  | parse_vcd.cpp             | 62  |
| 14831 | 11/03/11  | parse_vcd.y               | 9   |
| 14832 | 12/03/11  | qucs_producer.cpp         | 21  |
| 14833 | 11/03/11  | qucs_producer.h           | 1   |
| 14834 | 11/03/11  | qucsconv.cpp              | 13  |
| 14835 | 11/03/11  | scan_spice.cpp            | 126 |
| 14836 | 11/03/11  | scan_spice.l              | 17  |
| 14837 | 11/03/11  | scan_vcd.cpp              | 65  |
| 14838 | 11/03/11  | scan_vcd.l                | 6   |



|       |  |                         |    |
|-------|--|-------------------------|----|
| 14839 | 11/03/11   | tokens_spice.h          | 5  |
| 14840 | 11/03/11   | tokens_vcd.h            | 5  |
| 14841 | 11/03/11   | touchstone_producer.cpp | 9  |
| 14842 | 11/03/11   | touchstone_producer.h   | 1  |
| 14843 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-core\src\math</b> |                         |    |
| 14844 | 11/03/11   | cbesselj.cpp            | 7  |
| 14845 | 03/03/11   | ChangeLog               | 1  |
| 14846 | 11/03/11   | cmplx.cpp               | 9  |
| 14847 | 11/03/11   | cmplx.h                 | 3  |
| 14848 | 11/03/11   | complex.cpp             | 22 |
| 14849 | 17/03/11   | complex.h               | 6  |
| 14850 | 11/03/11   | fspecial.cpp            | 16 |
| 14851 | 11/03/11   | fspecial.h              | 2  |
| 14852 | 03/03/11   | Makefile.am             | 1  |
| 14853 | 03/03/11   | Makefile.in             | 16 |
| 14854 | 11/03/11   | precision.c             | 1  |
| 14855 | 11/03/11   | precision.h             | 3  |
| 14856 | 11/03/11   | real.cpp                | 6  |
| 14857 | 11/03/11   | real.h                  | 2  |
| 14858 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-edit</b>          |                         |    |
| 14859 | 03/03/11   | main.cpp                | 6  |
| 14860 | 03/03/11   | Makefile.am             | 1  |
| 14861 | 17/03/11   | Makefile.in             | 20 |
| 14862 | 03/03/11   | qucsedit.1              | 1  |
| 14863 | 03/03/11   | qucsedit.cpp            | 6  |
| 14864 | 03/03/11   | qucsedit.h              | 2  |
| 14865 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-filter</b>        |                         |    |
| 14866 | 03/03/11   | helpdialog.cpp          | 3  |
| 14867 | 03/03/11   | helpdialog.h            | 1  |
| 14868 | 03/03/11   | lc_filter.cpp           | 16 |
| 14869 | 03/03/11   | lc_filter.h             | 2  |
| 14870 | 03/03/11   | main.cpp                | 5  |
| 14871 | 03/03/11   | Makefile.am             | 2  |
| 14872 | 17/03/11   | Makefile.in             | 21 |
| 14873 | 03/03/11   | qf_cauer.cpp            | 17 |

|       |   |                     |    |
|-------|---|---------------------|----|
| 14874 | 03/03/11  | qf_cauer.h          | 3  |
| 14875 | 03/03/11  | qf_filter.cpp       | 12 |
| 14876 | 03/03/11  | qf_filter.h         | 3  |
| 14877 | 03/03/11  | qf_matrix.h         | 2  |
| 14878 | 03/03/11  | qf_poly.cpp         | 32 |
| 14879 | 03/03/11  | qf_poly.h           | 4  |
| 14880 | 03/03/11  | qucsfilter.1        | 2  |
| 14881 | 03/03/11  | qucsfilter.cpp      | 13 |
| 14882 | 03/03/11  | qucsfilter.h        | 2  |
| 14883 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help</b>         |                     |    |
| 14884 | 11/03/11  | ChangeLog           | 7  |
| 14885 | 03/03/11  | htmldatafetcher.cpp | 19 |
| 14886 | 03/03/11  | htmldatafetcher.h   | 2  |
| 14887 | 03/03/11  | main.cpp            | 6  |
| 14888 | 03/03/11  | Makefile.am         | 1  |
| 14889 | 17/03/11  | Makefile.in         | 26 |
| 14890 | 03/03/11  | qucshelp.1          | 1  |
| 14891 | 03/03/11  | qucshelp.cpp        | 8  |
| 14892 | 03/03/11  | qucshelp.h          | 3  |
| 14893 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs</b>    |                     |    |
| 14894 | 03/03/11  | Makefile.am         | 1  |
| 14895 | 17/03/11  | Makefile.in         | 21 |
| 14896 | 03/03/11  | qucs.1              | 2  |
| 14897 | 03/03/11  | qucsdigi.1          | 2  |
| 14898 | 03/03/11  | qucsdigilib.1       | 2  |
| 14899 | 03/03/11  | qucsveri.1          | 2  |
| 14900 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\cs</b> |                     |    |
| 14901 | 03/03/11  | characters.html     | 5  |
| 14902 | 03/03/11  | contab.png          | 6  |
| 14903 | 03/03/11  | index.html          | 2  |
| 14904 | 03/03/11  | internal.html       | 7  |
| 14905 | 03/03/11  | Makefile.am         | 2  |
| 14906 | 17/03/11  | Makefile.in         | 13 |
| 14907 | 03/03/11  | matching.html       | 2  |
| 14908 | 03/03/11  | mathfunc.html       | 44 |

|       |   |                   |     |  |
|-------|---|-------------------|-----|--|
| 14909 | 03/03/11  | optimization1.png | 131 |  |
| 14910 | 03/03/11  | optimization2.png | 158 |  |
| 14911 | 03/03/11  | optimization3.png | 67  |  |
| 14912 | 03/03/11  | optimization4.png | 78  |  |
| 14913 | 03/03/11  | optimization5.png | 59  |  |
| 14914 | 03/03/11  | optimization6.png | 165 |  |
| 14915 | 03/03/11  | optimization7.png | 126 |  |
| 14916 | 03/03/11  | optimization8.png | 64  |  |
| 14917 | 03/03/11  | paste.png         | 1   |  |
| 14918 | 03/03/11  | programs.html     | 2   |  |
| 14919 | 03/03/11  | qucsdigi.png      | 52  |  |
| 14920 | 03/03/11  | qucsmain.png      | 94  |  |
| 14921 | 03/03/11  | select.png        | 1   |  |
| 14922 | 03/03/11  | short.html        | 6   |  |
| 14923 | 03/03/11  | start.html        | 6   |  |
| 14924 | 03/03/11  | start_digi.html   | 4   |  |
| 14925 | 03/03/11  | start_opt.html    | 4   |  |
| 14926 | 03/03/11  | subcircuit.html   | 3   |  |
| 14927 | 03/03/11  | subcircuit.png    | 60  |  |
| 14928 | 03/03/11  | wire.png          |     |  |
| 14929 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\de</b> |                   |     |  |
| 14930 | 03/03/11  | characters.html   | 5   |  |
| 14931 | 03/03/11  | index.html        | 1   |  |
| 14932 | 03/03/11  | inhalttab.png     | 7   |  |
| 14933 | 03/03/11  | internal.html     | 8   |  |
| 14934 | 03/03/11  | Makefile.am       | 2   |  |
| 14935 | 17/03/11  | Makefile.in       | 13  |  |
| 14936 | 03/03/11  | matching.html     | 3   |  |
| 14937 | 03/03/11  | mathfunc.html     | 45  |  |
| 14938 | 03/03/11  | optimization1.png | 63  |  |
| 14939 | 03/03/11  | optimization2.png | 77  |  |
| 14940 | 03/03/11  | optimization3.png | 19  |  |
| 14941 | 03/03/11  | optimization4.png | 20  |  |
| 14942 | 03/03/11  | optimization5.png | 17  |  |
| 14943 | 03/03/11  | optimization6.png | 76  |  |

|       |   |                    |    |
|-------|---|--------------------|----|
| 14944 | 03/03/11  | optimization7.png  | 53 |
| 14945 | 03/03/11  | optimization8.png  | 21 |
| 14946 | 03/03/11  | paste.png          | 1  |
| 14947 | 03/03/11  | programs.html      | 3  |
| 14948 | 03/03/11  | qucsdigi.png       | 12 |
| 14949 | 03/03/11  | qucshaupt.png      | 44 |
| 14950 | 03/03/11  | select.png         | 1  |
| 14951 | 03/03/11  | short.html         | 7  |
| 14952 | 03/03/11  | start.html         | 8  |
| 14953 | 03/03/11  | start_digi.html    | 3  |
| 14954 | 03/03/11  | start_opt.html     | 4  |
| 14955 | 03/03/11  | subcircuit.html    | 3  |
| 14956 | 03/03/11  | unterschaltung.png | 47 |
| 14957 | 03/03/11  | wire.png           |    |
| 14958 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\en</b> |                    |    |
| 14959 | 03/03/11  | characters.html    | 5  |
| 14960 | 03/03/11  | contab.png         | 3  |
| 14961 | 11/03/11  | index.html         | 1  |
| 14962 | 03/03/11  | internal.html      | 7  |
| 14963 | 11/03/11  | Makefile.am        | 2  |
| 14964 | 17/03/11  | Makefile.in        | 13 |
| 14965 | 03/03/11  | matching.html      | 2  |
| 14966 | 03/03/11  | mathfunc.html      | 44 |
| 14967 | 17/03/11  | octave.html        | 2  |
| 14968 | 03/03/11  | optimization1.png  | 28 |
| 14969 | 03/03/11  | optimization2.png  | 40 |
| 14970 | 03/03/11  | optimization3.png  | 13 |
| 14971 | 03/03/11  | optimization4.png  | 15 |
| 14972 | 03/03/11  | optimization5.png  | 10 |
| 14973 | 03/03/11  | optimization6.png  | 38 |
| 14974 | 03/03/11  | optimization7.png  | 32 |
| 14975 | 03/03/11  | optimization8.png  | 15 |
| 14976 | 03/03/11  | paste.png          | 1  |
| 14977 | 03/03/11  | programs.html      | 2  |
| 14978 | 03/03/11  | qucsdigi.png       | 41 |

|       |   |                 |    |
|-------|---|-----------------|----|
| 14979 | 03/03/11  | qucsmain.png    | 27 |
| 14980 | 03/03/11  | select.png      | 1  |
| 14981 | 03/03/11  | short.html      | 5  |
| 14982 | 03/03/11  | start.html      | 5  |
| 14983 | 03/03/11  | start_digi.html | 4  |
| 14984 | 03/03/11  | start_opt.html  | 4  |
| 14985 | 03/03/11  | subcircuit.html | 3  |
| 14986 | 03/03/11  | subcircuit.png  | 11 |
| 14987 | 03/03/11  | wire.png        |    |
| 14988 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\es</b> |                 |    |
| 14989 | 03/03/11  | contab.png      | 11 |
| 14990 | 03/03/11  | index.html      | 1  |
| 14991 | 03/03/11  | Makefile.am     | 1  |
| 14992 | 17/03/11  | Makefile.in     | 13 |
| 14993 | 03/03/11  | mathfunc.html   | 4  |
| 14994 | 03/03/11  | paste.png       | 1  |
| 14995 | 03/03/11  | programs.html   | 2  |
| 14996 | 03/03/11  | qucsmain.png    | 71 |
| 14997 | 03/03/11  | select.png      | 1  |
| 14998 | 03/03/11  | short.html      | 7  |
| 14999 | 03/03/11  | start.html      | 7  |
| 15000 | 03/03/11  | subcircuit.html | 3  |
| 15001 | 03/03/11  | subcircuit.png  | 11 |
| 15002 | 03/03/11  | wire.png        |    |
| 15003 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\fr</b> |                 |    |
| 15004 | 03/03/11  | contab.png      | 3  |
| 15005 | 03/03/11  | index.html      | 1  |
| 15006 | 03/03/11  | Makefile.am     | 1  |
| 15007 | 17/03/11  | Makefile.in     | 13 |
| 15008 | 03/03/11  | mathfunc.html   | 4  |
| 15009 | 03/03/11  | paste.png       | 1  |
| 15010 | 03/03/11  | qucsmain.png    | 27 |
| 15011 | 03/03/11  | select.png      | 1  |
| 15012 | 03/03/11  | short.html      | 5  |
| 15013 | 03/03/11  | start.html      | 6  |

|       |   |                   |    |
|-------|---|-------------------|----|
| 15014 | 03/03/11  | subcircuit.html   | 2  |
| 15015 | 03/03/11  | subcircuit.png    | 11 |
| 15016 | 03/03/11  | wire.png          |    |
| 15017 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\pt</b> |                   |    |
| 15018 | 03/03/11  | characters.html   | 5  |
| 15019 | 03/03/11  | contab.png        | 3  |
| 15020 | 03/03/11  | index.html        | 1  |
| 15021 | 03/03/11  | internal.html     | 7  |
| 15022 | 03/03/11  | Makefile.am       | 2  |
| 15023 | 17/03/11  | Makefile.in       | 13 |
| 15024 | 03/03/11  | matching.html     | 3  |
| 15025 | 03/03/11  | mathfunc.html     | 44 |
| 15026 | 03/03/11  | optimization1.png | 28 |
| 15027 | 03/03/11  | optimization2.png | 40 |
| 15028 | 03/03/11  | optimization3.png | 13 |
| 15029 | 03/03/11  | optimization4.png | 15 |
| 15030 | 03/03/11  | optimization5.png | 10 |
| 15031 | 03/03/11  | optimization6.png | 38 |
| 15032 | 03/03/11  | optimization7.png | 32 |
| 15033 | 03/03/11  | optimization8.png | 15 |
| 15034 | 03/03/11  | paste.png         | 1  |
| 15035 | 03/03/11  | programs.html     | 3  |
| 15036 | 03/03/11  | qucsdigi.png      | 41 |
| 15037 | 03/03/11  | qucsmain.png      | 27 |
| 15038 | 03/03/11  | select.png        | 1  |
| 15039 | 03/03/11  | short.html        | 6  |
| 15040 | 03/03/11  | start.html        | 6  |
| 15041 | 03/03/11  | start_digi.html   | 4  |
| 15042 | 03/03/11  | start_opt.html    | 4  |
| 15043 | 03/03/11  | subcircuit.html   | 3  |
| 15044 | 03/03/11  | subcircuit.png    | 11 |
| 15045 | 03/03/11  | wire.png          |    |
| 15046 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\ru</b> |                   |    |
| 15047 | 03/03/11  | characters.html   | 6  |
| 15048 | 03/03/11  | contab.png        | 7  |

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|-------|---|-------------------|----|--|
| 15049 | 03/03/11  | index.html        | 2  |  |
| 15050 | 03/03/11  | internal.html     | 10 |  |
| 15051 | 03/03/11  | Makefile.am       | 2  |  |
| 15052 | 17/03/11  | Makefile.in       | 13 |  |
| 15053 | 03/03/11  | matching.html     | 4  |  |
| 15054 | 03/03/11  | mathfunc.html     | 52 |  |
| 15055 | 03/03/11  | optimization1.png | 59 |  |
| 15056 | 03/03/11  | optimization2.png | 98 |  |
| 15057 | 03/03/11  | optimization3.png | 39 |  |
| 15058 | 03/03/11  | optimization4.png | 43 |  |
| 15059 | 03/03/11  | optimization5.png | 30 |  |
| 15060 | 03/03/11  | optimization6.png | 98 |  |
| 15061 | 03/03/11  | optimization7.png | 91 |  |
| 15062 | 03/03/11  | optimization8.png | 46 |  |
| 15063 | 03/03/11  | paste.png         | 1  |  |
| 15064 | 03/03/11  | programs.html     | 4  |  |
| 15065 | 03/03/11  | qucsdigi.png      | 52 |  |
| 15066 | 03/03/11  | qucsmain.png      | 58 |  |
| 15067 | 03/03/11  | select.png        | 1  |  |
| 15068 | 03/03/11  | short.html        | 9  |  |
| 15069 | 03/03/11  | start.html        | 10 |  |
| 15070 | 03/03/11  | start_digi.html   | 6  |  |
| 15071 | 03/03/11  | start_opt.html    | 6  |  |
| 15072 | 03/03/11  | subcircuit.html   | 5  |  |
| 15073 | 03/03/11  | subcircuit.png    | 48 |  |
| 15074 | 03/03/11  | wire.png          |    |  |
| 15075 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-help\docs\uk</b> |                   |    |  |
| 15076 | 03/03/11  | characters.html   | 6  |  |
| 15077 | 03/03/11  | contab.png        | 5  |  |
| 15078 | 03/03/11  | index.html        | 2  |  |
| 15079 | 03/03/11  | internal.html     | 9  |  |
| 15080 | 03/03/11  | Makefile.am       | 2  |  |
| 15081 | 17/03/11  | Makefile.in       | 13 |  |
| 15082 | 03/03/11  | matching.html     | 4  |  |
| 15083 | 03/03/11  | mathfunc.html     | 44 |  |

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|-------|--|-------------------|----|
| 15084 | 03/03/11   | optimization1.png | 59 |
| 15085 | 03/03/11   | optimization2.png | 98 |
| 15086 | 03/03/11   | optimization3.png | 39 |
| 15087 | 03/03/11   | optimization4.png | 43 |
| 15088 | 03/03/11   | optimization5.png | 30 |
| 15089 | 03/03/11   | optimization6.png | 98 |
| 15090 | 03/03/11   | optimization7.png | 91 |
| 15091 | 03/03/11   | optimization8.png | 46 |
| 15092 | 03/03/11   | paste.png         | 1  |
| 15093 | 03/03/11   | programs.html     | 4  |
| 15094 | 03/03/11   | qucsdigi.png      | 47 |
| 15095 | 03/03/11   | qucsmain.png      | 53 |
| 15096 | 03/03/11   | select.png        | 1  |
| 15097 | 03/03/11   | short.html        | 9  |
| 15098 | 03/03/11   | start.html        | 9  |
| 15099 | 03/03/11   | start_digi.html   | 6  |
| 15100 | 03/03/11   | start_opt.html    | 6  |
| 15101 | 03/03/11   | subcircuit.html   | 5  |
| 15102 | 03/03/11   | subcircuit.png    | 40 |
| 15103 | 03/03/11   | wire.png          |    |
| 15104 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-lib</b> |                   |    |
| 15105 | 03/03/11   | ChangeLog         | 4  |
| 15106 | 03/03/11   | displaydialog.cpp | 3  |
| 15107 | 03/03/11   | displaydialog.h   | 1  |
| 15108 | 03/03/11   | librarydialog.cpp | 7  |
| 15109 | 03/03/11   | librarydialog.h   | 2  |
| 15110 | 03/03/11   | main.cpp          | 5  |
| 15111 | 03/03/11   | Makefile.am       | 2  |
| 15112 | 17/03/11   | Makefile.in       | 27 |
| 15113 | 03/03/11   | qucslib.1         | 2  |
| 15114 | 03/03/11   | qucslib.cpp       | 13 |
| 15115 | 03/03/11   | qucslib.h         | 2  |
| 15116 | 03/03/11   | searchdialog.cpp  | 5  |
| 15117 | 03/03/11   | searchdialog.h    | 1  |
| 15118 | 12/03/11   | symbolwidget.cpp  | 23 |



|       |  |                   |     |
|-------|--|-------------------|-----|
| 15119 | 03/03/11   | symbolwidget.h    | 3   |
| 15120 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-lib\library</b> |                   |     |
| 15121 | 03/03/11   | Bridges.lib       | 47  |
| 15122 | 03/03/11   | Diodes.lib        | 45  |
| 15123 | 03/03/11   | Ideal.lib         | 20  |
| 15124 | 03/03/11   | JFETs.lib         | 62  |
| 15125 | 03/03/11   | LEDs.lib          | 5   |
| 15126 | 03/03/11   | Makefile.am       | 1   |
| 15127 | 17/03/11   | Makefile.in       | 13  |
| 15128 | 03/03/11   | MOSFETs.lib       | 10  |
| 15129 | 03/03/11   | NMOSFETs.lib      | 733 |
| 15130 | 03/03/11   | OpAmps.lib        | 59  |
| 15131 | 03/03/11   | PMOSFETs.lib      | 109 |
| 15132 | 03/03/11   | Regulators.lib    | 50  |
| 15133 | 03/03/11   | Substrates.lib    | 5   |
| 15134 | 03/03/11   | Transistors.lib   | 253 |
| 15135 | 03/03/11   | Varistors.lib     | 367 |
| 15136 | 03/03/11   | Z-Diodes.lib      | 38  |
| 15137 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-transcalc</b>   |                   |     |
| 15138 | 03/03/11   | c_microstrip.cpp  | 27  |
| 15139 | 03/03/11   | c_microstrip.h    | 4   |
| 15140 | 03/03/11   | ChangeLog         | 3   |
| 15141 | 03/03/11   | coax.cpp          | 5   |
| 15142 | 03/03/11   | coax.h            | 2   |
| 15143 | 03/03/11   | coplanar.cpp      | 9   |
| 15144 | 03/03/11   | coplanar.h        | 2   |
| 15145 | 03/03/11   | helpdialog.cpp    | 3   |
| 15146 | 03/03/11   | helpdialog.h      | 1   |
| 15147 | 03/03/11   | main.cpp          | 6   |
| 15148 | 03/03/11   | Makefile.am       | 2   |
| 15149 | 17/03/11   | Makefile.in       | 28  |
| 15150 | 03/03/11   | microstrip.cpp    | 14  |
| 15151 | 03/03/11   | microstrip.h      | 3   |
| 15152 | 03/03/11   | optionsdialog.cpp | 3   |
| 15153 | 03/03/11   | optionsdialog.h   | 1   |

|       |   |   |      |
|-------|---|---|------|
| 15154 | 03/03/11  | qucstrans.1   | 2    |
| 15155 | 03/03/11  | qucstrans.cpp   | 51   |
| 15156 | 03/03/11  | qucstrans.h   | 6    |
| 15157 | 03/03/11  | rectwaveguide.cpp                                     | 8    |
| 15158 | 03/03/11  | rectwaveguide.h                                       | 2    |
| 15159 | 03/03/11  | transline.cpp   | 6    |
| 15160 | 03/03/11  | transline.h   | 2    |
| 15161 | 03/03/11  | units.h   | 2    |
| 15162 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-transcalc\bitmaps</b>  |   |      |
| 15163 | 03/03/11  | c_microstrip.png                                      | 2    |
| 15164 | 03/03/11  | coax.png  | 3    |
| 15165 | 03/03/11  | cpw.png   | 2    |
| 15166 | 03/03/11  | cpw_back.png  | 2    |
| 15167 | 03/03/11  | Makefile.am   | 1    |
| 15168 | 17/03/11  | Makefile.in   | 13   |
| 15169 | 03/03/11  | microstrip.png  | 2    |
| 15170 | 03/03/11  | rectwaveguide.png                                     | 2    |
| 15171 | <b>Intégrité du signal (SI)\Logiciels pour IS\qucs-0.0.16\qucs-transcalc\examples</b> |   |      |
| 15172 | 03/03/11  | Makefile.am   | 1    |
| 15173 | 17/03/11  | Makefile.in   | 13   |
| 15174 | <b>Intégrité du signal (SI)\Mesures dont diagramme de l'oeil</b>                      |   |      |
| 15175 | 29/10/08  | 6.4Gbps On-chip Eye Opening Monitor.pdf               | 401  |
| 15176 | 29/01/12  | Agilent Multiport & Balanced Device Measurement.pdf   | 1147 |
| 15177 | 31/08/08  | Agilent TDT & 2-Port TDR.pdf                          | 1000 |
| 15178 | 14/12/12  | AN10 Methods of Measuring Op Amp Settling Time.pdf    | 273  |
| 15179 | 14/12/12  | AN124 Nanovolt Noise Measurement.pdf                  | 374  |
| 15180 | 03/01/13  | AN128 Settling Time Measurement for Wideband Amps.pdf | 525  |
| 15181 | 02/01/14  | Analyzing Signal Integrity in DDR Buses.pdf           | 882  |
| 15182 | 07/01/12  | Analyzing Signals Using Eye Diagram.pdf               | 148  |
| 15183 | 02/01/14  | Better Scope Probing.pdf                              | 967  |
| 15184 | 20/12/04  | Bounds of Transmission Lines.pdf                      | 312  |
| 15185 | 29/01/12  | Coaxial probes 2 inputs AlinaDeutsch.jpg              | 136  |
| 15186 | 29/01/12  | Coaxial probes 2 inputs.png                           | 1033 |
| 15187 | 13/04/15  | DDR3 & DDR4 Clock Duty-Cycle-Distortion (DCD).pdf     | 752  |
| 15188 | 22/07/15  | Debugging LPDDR3 Memory Designs.pdf                   | 4716 |

|       |  |  |      |
|-------|--|--|------|
| 15189 | 04/11/09   | Diagrammes de l'oeil.pdf                                   | 1291 |
| 15190 | 14/10/12   | Direct End-to-End Measurement.pdf                          | 458  |
| 15191 | 20/11/14   | Emulation of Lossy Channels using Lossy Materials.pdf      | 710  |
| 15192 | 17/10/14   | Eye Diagram Generation Method for Jitter Analysis.pdf      | 496  |
| 15193 | 07/01/12   | Eye Pattern Analysis 2.pdf                                 | 888  |
| 15194 | 07/01/12   | Eye pattern analysis.pdf                                   | 157  |
| 15195 | 25/08/06   | Fibre Channel Jitter & Signal Quality.pdf                  | 2228 |
| 15196 | 05/09/12   | Fidelity Testing for A D Converters.pdf                    | 552  |
| 15197 | 03/02/15   | HF Measurement Techniques for Vias in PCBs.pdf             | 1096 |
| 15198 | 04/02/15   | High Frequency PCB Probing.pdf                             | 357  |
| 15199 | 07/05/15   | High Speed Oscilloscope Probing- Keysight.pdf              | 1692 |
| 15200 | 07/01/12   | High-Speed Digital Characterization.pdf                    | 148  |
| 15201 | 11/03/16   | Keysight - Advanced VNA-Based Test Systems.pdf             | 736  |
| 15202 | 01/02/12   | Logic Family SI.doc  | 1177 |
| 15203 | 03/09/08   | Measurements for signal integrity 2.pdf                    | 472  |
| 15204 | 25/08/09   | Measurements for Signal Integrity 3.pdf                    | 601  |
| 15205 | 11/12/06   | Measurements for Signal Integrity.pdf                      | 656  |
| 15206 | 08/06/12   | Multi-Port Calibration for Differential Measurements.pdf   | 208  |
| 15207 | 29/10/08   | Oscilloscope Waveform Deembedding.pdf                      | 307  |
| 15208 | 15/05/13   | Probing Oscillator Output.pdf                              | 1264 |
| 15209 | 28/01/12   | PWB Measured Variability 2010.pdf                          | 1411 |
| 15210 | 27/05/10   | Short-Pulse Propagation Technique.pdf                      | 1347 |
| 15211 | 23/12/07   | SI Analysis of a 1.5 Gbit-s LVDS Link.pdf                  | 481  |
| 15212 | 13/04/15   | SI Qualification for the High Speed Tester.pdf             | 471  |
| 15213 | 26/08/06   | Signal Integrity Measurements.pdf                          | 699  |
| 15214 | 20/08/09   | Single-Ended TRL Calibration Pattern.pdf                   | 263  |
| 15215 | 05/09/12   | Slew Rate Verification.pdf                                 | 489  |
| 15216 | 23/12/15   | Statistical Eye Diagram in a Nonlinear Digital Channel.pdf | 541  |
| 15217 | 26/08/06   | Test fixtures for high speed logic.pdf                     | 380  |
| 15218 | 06/02/13   | Trends tracks and histograms.pdf                           | 286  |
| 15219 | 02/01/14   | Triggering on Infrequent Anomalies.pdf                     | 835  |
| 15220 | 14/01/16   | Understanding Scope Bandwidth & Signal Fidelity.pdf        | 380  |
| 15221 | 09/10/14   | Wavelet Compression for Signal Integrity Analysis.pdf      | 478  |
| 15222 | <b>Intégrité du signal (SI)\Modélisation et simulation en IS</b> |  |      |
| 15223 | 16/04/15   | 20 GHz Bandwidth Dual-FIR Channel Emulator.pdf             | 684  |

|       |          |   |      |
|-------|----------|---|------|
| 15224 | 26/09/11 | 25 Gbps Backplane Links Full-Wave Simul.pdf                   | 1273 |
| 15225 | 14/01/08 | Advanced Topics & Applications.pdf                            | 567  |
| 15226 | 13/09/12 | Analyzing Lossy Transmission Lines.pdf                        | 179  |
| 15227 | 23/10/08 | Band-Limited Data & Propagation.pdf                           | 452  |
| 15228 | 04/12/10 | Calculation of Propagation Velocity.pdf                       | 196  |
| 15229 | 09/02/11 | Chip-to-Chip Communication at 20 Gbps.pdf                     | 641  |
| 15230 | 13/04/15 | Correlating Measurement to Simulation for IBIS-AMI Models.pdf | 539  |
| 15231 | 17/10/12 | Creating Detailed Model Partitions.pdf                        | 172  |
| 15232 | 27/05/10 | Designing and Modeling for Power Integrity.pdf                | 1935 |
| 15233 | 25/08/06 | Digital Aggression Prediction.pdf                             | 153  |
| 15234 | 13/10/14 | Distributed Networks using Loewner Matrix Macromodels.pdf     | 798  |
| 15235 | 23/12/07 | Effectiveness of Hi-Speed PCB Simulation.pdf                  | 265  |
| 15236 | 15/11/11 | EM Simulation for Power Integrity.pdf                         | 2927 |
| 15237 | 16/10/12 | EM simulation of high speed PCBs-packages.pdf                 | 5758 |
| 15238 | 07/06/12 | Emission of a Microcontroller Using a Single Model.pdf        | 2405 |
| 15239 | 21/11/14 | Equivalent Circuit Modeling for SI-PI.pdf                     | 1264 |
| 15240 | 09/11/13 | Eye-diagram of a TSV based Channel.pdf                        | 1504 |
| 15241 | 26/08/06 | FDTD & PCB Switching Noise.pdf                                | 395  |
| 15242 | 19/12/04 | FDTD Active IC Equivalent Circuits.pdf                        | 767  |
| 15243 | 25/08/06 | Fibre Channel Signal Modeling.pdf                             | 442  |
| 15244 | 24/11/07 | Frequency-Dependent Losses.pdf                                | 629  |
| 15245 | 14/04/15 | Frequency-domain interpolation of long structures.pdf         | 989  |
| 15246 | 23/12/15 | Full-Wave Solver for Board-Level EMC Design.pdf               | 1661 |
| 15247 | 04/03/13 | Full-wave TLM method for Complex Circuits.pdf                 | 78   |
| 15248 | 23/12/07 | HDMI Simulation & Equalization.pdf                            | 176  |
| 15249 | 25/07/12 | High-Speed Channels with IBIS-AMI Models.pdf                  | 1032 |
| 15250 | 18/07/12 | High-Speed Links Modeling.pdf                                 | 2859 |
| 15251 | 21/11/14 | High-Speed SI-PI-EMI Issues and Exploitation of CAE.pdf       | 1536 |
| 15252 | 06/07/11 | HSPICE and HFSS for High-Speed I-O.pdf                        | 2273 |
| 15253 | 25/08/06 | HSPICE Signal Integrity Guide.pdf                             | 1366 |
| 15254 | 20/08/15 | Hybrid Method for SI Analysis of Traces and Vias.pdf          | 439  |
| 15255 | 20/01/14 | Hybrid Solver and Measurement Design.pdf                      | 891  |
| 15256 | 26/08/06 | HyperLynx.pdf   | 850  |
| 15257 | 06/09/05 | IBIS & Simultaneous Switching Noise.pdf                       | 346  |
| 15258 | 25/08/06 | IBIS Behavioral Models.pdf                                    | 32   |

|       |          |  |       |
|-------|----------|--|-------|
| 15259 | 01/12/08 | IBIS Description & Usage.pdf                             | 47    |
| 15260 | 12/04/13 | Intégrité du signal - Introduction.pdf                   | 1990  |
| 15261 | 20/11/14 | Large-Scale Simulation of PDN by Multi-GPU LIM.pdf       | 391   |
| 15262 | 27/08/15 | Layout vs. Schematic (LVS) Boxing.pdf                    | 251   |
| 15263 | 04/03/13 | Leaky Modes in a Covered Microstrip.pdf                  | 314   |
| 15264 | 29/01/12 | LECCS-core Model & Inter-Block Coupling.pdf              | 395   |
| 15265 | 18/12/03 | Ligne avec effet de peau.pdf                             | 70    |
| 15266 | 31/08/12 | Methods for Correlating an IBIS File.pdf                 | 499   |
| 15267 | 09/02/11 | Modal Decomposition and Integral Equations.pdf           | 178   |
| 15268 | 17/10/12 | Model with Realistic Structures and Cabling.pdf          | 2773  |
| 15269 | 17/10/12 | Modeling Complex Systems for EMC and SI 2.pdf            | 2976  |
| 15270 | 20/11/11 | Modeling Complex Systems for EMC and SI.pdf              | 1250  |
| 15271 | 16/11/13 | Modeling of High Speed Interconnects.pdf                 | 17181 |
| 15272 | 27/08/06 | Modeling of SSN.pdf                                      | 287   |
| 15273 | 29/01/12 | Modeling Parasitic Capacitance.pdf                       | 453   |
| 15274 | 31/08/12 | Modeling Skin Effect in Inductors.pdf                    | 120   |
| 15275 | 13/09/12 | Modélisation réseau en échelle effet de peau.pdf         | 120   |
| 15276 | 30/05/09 | Modelling of IC conducted emission.pdf                   | 177   |
| 15277 | 01/10/12 | Models for PCBs Inside a Metallic Enclosure.pdf          | 684   |
| 15278 | 01/03/11 | Multi-Physics Analysis Methodologies for SI.pdf          | 2345  |
| 15279 | 16/11/13 | Multi-Physics Co-Simulations.pdf                         | 9541  |
| 15280 | 16/04/15 | Multiple Edge Responses Method for Memory Simulation.pdf | 4599  |
| 15281 | 17/10/12 | Parameterized Models for Efficient Design.pdf            | 4666  |
| 15282 | 06/09/05 | PDN Modeling & Simulation Tools.pdf                      | 146   |
| 15283 | 24/06/03 | Planar Transmission-Line.pdf                             | 174   |
| 15284 | 25/08/06 | Push-out & SSO Analysis.pdf                              | 85    |
| 15285 | 17/10/12 | Reducing the Complexity of EMC simulations.pdf           | 1953  |
| 15286 | 15/11/13 | Reducing Verification Complexity.pdf                     | 349   |
| 15287 | 16/12/06 | SI & Dispersion Control at 10-40 Gbps.pdf                | 189   |
| 15288 | 12/12/15 | SI Analysis and Modeling.pdf                             | 486   |
| 15289 | 16/04/15 | Signaling Analysis of Nonlinear Circuits.pdf             | 428   |
| 15290 | 26/08/06 | Simulation & Modeling Techniques.pdf                     | 204   |
| 15291 | 12/12/15 | Simulation and Modeling Techniques for SI.pdf            | 8197  |
| 15292 | 19/11/11 | Simulation for High Speed Interconnect.pdf               | 1135  |
| 15293 | 20/11/14 | Simulation Models for SI using Tomography Scans.pdf      | 508   |

|       |  |  |      |
|-------|--|--|------|
| 15294 | 25/05/12   | Spectral Models of Lossy Nonuniform Lines.pdf              | 507  |
| 15295 | 11/02/14   | SPICE Simulation of Transmission Lines.pdf                 | 990  |
| 15296 | 14/04/15   | SPICE Statistical Modeling of High Speed Interconnects.pdf | 394  |
| 15297 | 31/08/12   | SPICE Telegrapher's Method P1.pdf                          | 246  |
| 15298 | 31/08/12   | SPICE Telegrapher's Method P2.pdf                          | 369  |
| 15299 | 31/08/12   | SPICE Telegrapher's Method P3.pdf                          | 460  |
| 15300 | 03/09/08   | Statistical & Transient Channel Modeling.pdf               | 444  |
| 15301 | 13/10/14   | Stochastic Modeling of a High-Speed Signal.pdf             | 592  |
| 15302 | 09/10/14   | System-Level Signal and Power Integrity Co-Analysis.pdf    | 722  |
| 15303 | 28/01/12   | TR04JT03.pdf   | 447  |
| 15304 | 20/11/14   | Transient Analysis of Inhomogeneously-Meshed Planes.pdf    | 391  |
| 15305 | 11/10/13   | Transition from Connector to PCB.pdf                       | 886  |
| 15306 | 31/08/12   | Using Spice for Transmission Lines.pdf                     | 73   |
| 15307 | 29/10/08   | VHDL-AMS for EMC Applications.pdf                          | 202  |
| 15308 | <b>Intégrité du signal (SI)\Normes et spécifications</b> |  |      |
| 15309 | 26/07/12   | 802.3_00 CSMA-CD.pdf                                       | 6580 |
| 15310 | 01/12/08   | AGP30 Interface specification.pdf                          | 693  |
| 15311 | 20/08/12   | ANSI-TIA-EIA 568-B Cabling Standard.pdf                    | 404  |
| 15312 | 04/08/12   | Cable glossary.pdf   | 460  |
| 15313 | 04/08/12   | Cable Standards.pdf  | 863  |
| 15314 | 20/11/14   | Channel Operating Margin (COM) for 10GBASE-KR.pdf          | 288  |
| 15315 | 22/03/09   | CompactPCI.pdf   | 109  |
| 15316 | 25/07/12   | Embedded Ethernet Physical Layer.pdf                       | 2780 |
| 15317 | 03/08/12   | Ethernet Standards Reference Guide.pdf                     | 1822 |
| 15318 | 10/01/13   | IEEE 1241_00 ADC Test Methods.pdf                          | 614  |
| 15319 | 01/08/12   | IEEE Std 802.3af_2003 Data Terminal Equipment.pdf          | 532  |
| 15320 | 16/07/15   | IPC-A-610 E to F Redline comparison.pdf                    | 619  |
| 15321 | 16/07/15   | IPC-A-610 F Acceptability of Assemblies.pdf                | 879  |
| 15322 | 04/08/12   | ITE EMC Requirement.pdf                                    | 1174 |
| 15323 | 18/08/12   | ITRS RoadMap 2011.xlsm                                     | 156  |
| 15324 | 25/07/12   | PCI Express Carriers & OpenVPX.pdf                         | 924  |
| 15325 | 04/08/12   | Perte de conversion transversale et dissymétrie.pdf        | 196  |
| 15326 | 18/07/07   | TIA-EIA-568A Category 5 for LVDS.pdf                       | 108  |
| 15327 | 20/08/12   | TIA-EIA-568-B.1 Cabling Standard.pdf                       | 371  |
| 15328 | 11/02/13   | USB Hardware Design for FTDI ICs.pdf                       | 310  |

|       |  |   |       |
|-------|--|---|-------|
| 15329 | 15/11/12   | UTE C 93-703 Circuits imprimés.pdf                      | 342   |
| 15330 | <b>Intégrité du signal (SI)\Ouvrages sur l'intégrité du signal</b> |   |       |
| 15331 | 17/04/13   | AD - Mixed-Signal and DSP Design Techniques.pdf         | 2923  |
| 15332 | 31/08/08   | Analog & Digital Filter Design.pdf                      | 9294  |
| 15333 | 10/07/12   | ANALOG SEEKrets.pdf                                     | 9641  |
| 15334 | 05/08/06   | Analog-Digital Conversion - Kester.pdf                  | 16086 |
| 15335 | 13/04/14   | Bogatin - Signal Integrity Simplified.pdf               | 8972  |
| 15336 | 23/01/14   | Designers Guide to Instrumentation Amp.pdf              | 1237  |
| 15337 | 08/12/15   | Designing High-Speed Serial Links.pdf                   | 4893  |
| 15338 | 12/11/08   | EMC of IC - Sicard - Ramdani.pdf                        | 24379 |
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| 15340 | 27/01/12   | High Speed Digital Design - Handbook of Black Magic.pdf | 14037 |
| 15341 | 11/10/06   | High-Speed Interconnects.pdf                            | 10715 |
| 15342 | 10/11/14   | Intégrité du signal - Ndagijimana.pdf                   | 1669  |
| 15343 | 12/12/15   | Interconnect SI Handbook.pdf                            | 1137  |
| 15344 | 05/10/12   | Introduction to EMC -2nd Edition - Clayton Paul.pdf     | 7614  |
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| 15347 | 11/09/10   | The Circuit Designers Companion (2nd Edition).pdf       | 1744  |
| 15348 | <b>Intégrité du signal (SI)\Radio</b>                              |   |       |
| 15349 | 07/03/09   | Chip and Package for Radio Systems.pdf                  | 1021  |
| 15350 | 28/08/06   | High-Speed Wireless Signal Integrity.pdf                | 1139  |
| 15351 | 19/11/13   | Maximum Bit Error Probability Using the APD.pdf         | 160   |
| 15352 | 18/11/13   | Radiated Desensitization of Mobile Devices.pdf          | 593   |
| 15353 | 30/09/13   | RFI Levels in Mixed Digital-RF Designs.pdf              | 1241  |
| 15354 | 16/04/15   | SI & EMI Evaluations of An RFID Sensor Tag.pdf          | 353   |
| 15355 | 12/01/14   | Virtual Ground Fence for GHz Power Filtering.pdf        | 488   |
| 15356 | <b>Intégrité du signal (SI)\SerDes</b>                             |   |       |
| 15357 | 19/07/12   | Automated Test for SerDes.pdf                           | 297   |
| 15358 | 14/04/15   | Effective Receiver Sensitivity Measurement.pdf          | 190   |
| 15359 | 14/04/15   | Eliminating Non-Linear RSS Reporting Error.pdf          | 213   |
| 15360 | 19/07/12   | Equalization and Clock Recovery.pdf                     | 2050  |
| 15361 | 16/04/15   | High Speed SerDes Considering PCB Via Crosstalk.pdf     | 751   |
| 15362 | 18/07/12   | High Speed SerDes.pdf                                   | 769   |
| 15363 | 24/11/13   | High-Speed SerDes Link with Re-Driver.pdf               | 669   |

|       |          |  |      |
|-------|----------|--|------|
| 15364 | 21/11/15 | High-Speed Switched Serial Fabrics.pdf           | 2028 |
| 15365 | 19/07/12 | Multi-Gigabit SerDes.pdf                         | 1407 |
| 15366 | 24/11/13 | Package to Board BGA in ?10Gbps SerDes Links.pdf | 963  |
| 15367 | 20/11/14 | PCI-Express Gen 3 SerDes Channel on HDI PCBs.pdf | 318  |
| 15368 | 18/07/12 | SerDes technology.pdf                            | 340  |
| 15369 | 19/07/12 | serializer-deserializer tests.pdf                | 1274 |

15370

15371

### Livres, journaux & Bulletins

15372

|       |          |  |       |
|-------|----------|--|-------|
| 15373 | 15/04/07 | 2006 ARRL Radiocom HDBK.pdf                                | 56439 |
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| 15384 | 04/10/10 | Coupling to Shielded Cables - Vance.pdf                    | 8014  |
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| 15387 | 24/08/12 | Designing Analog Chips.pdf                                 | 2423  |
| 15388 | 05/04/09 | Digital and Analog Communication.pdf                       | 24745 |
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| 15393 | 13/05/11 | Electromagnetic Shielding - Celozzi.pdf                    | 4528  |
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| 15395 | 06/05/13 | Electronique HF incomplet ocr.pdf                          | 12923 |
| 15396 | 01/02/10 | EMC for Product Designers_Ed4.pdf                          | 7124  |
| 15397 | 01/02/10 | EMC of Integrated Circuits.pdf                             | 20973 |
| 15398 | 10/11/08 | Engineering Electromagnetics.pdf                           | 5527  |



|       |   |   |       |
|-------|---|---|-------|
| 15399 | 11/09/10  | Grounding and Shielding.pdf                         | 1446  |
| 15400 | 29/03/09  | Grounding Bonding & Surge Protection.pdf            | 7786  |
| 15401 | 01/02/10  | Grounding Bonding Shielding & Surge Protection.pdf  | 7304  |
| 15402 | 15/12/14  | Guide EDF désensibilisation - 1e partie.pdf         | 7670  |
| 15403 | 15/12/14  | Guide EDF désensibilisation - 2e partie.pdf         | 8725  |
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| 15408 | 19/03/14  | Innovation Book-2.pdf                               | 214   |
| 15409 | 19/03/14  | Innovation Book-3.pdf                               | 212   |
| 15410 | 07/11/14  | Intégrité du signal - Ndagijimana.pdf               | 1788  |
| 15411 | 05/10/12  | Introduction to EMC -2nd Edition - Clayton Paul.pdf | 7614  |
| 15412 | 23/03/09  | Introductory Electromagnetics - Herbert Neff.pdf    | 16413 |
| 15413 | 12/11/08  | Microwave Antenna Theory & Design.pdf               | 25847 |
| 15414 | 12/09/10  | Numerical Methods in Electromagnetics.pdf           | 15068 |
| 15415 | 18/08/06  | Operational Amplifiers.pdf                          | 5516  |
| 15416 | 24/03/09  | Optronics-Microwaves-EM and Radar.pdf               | 13131 |
| 15417 | 08/12/07  | Philips Power Semiconductor App.pdf                 | 4499  |
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| 15420 | 05/05/09  | RF and Microwave Handbook.pdf                       | 18843 |
| 15421 | 10/07/12  | secrets de l analogique anglais.pdf                 | 9641  |
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| 15427 | 14/01/15  | Survival is not mandatory.pdf                       | 6512  |
| 15428 | 05/01/10  | Traité d'électricité et de magnétisme T1.pdf        | 19038 |
| 15429 | 05/01/10  | Traité d'électricité et de magnétisme T2.pdf        | 19832 |
| 15430 | 18/04/09  | Wireless Telecommunications.pdf                     | 1448  |
| 15431 | 30/09/15  | Writing for Success.pdf                             | 380   |
| 15432 | <b>Livres, journaux &amp; Bulletins\CryptoBytes</b> |   |       |
| 15433 | 03/07/08  | CryptoBytes V1-1 Spring 1995.pdf                    | 331   |

|       |  |                                       |       |
|-------|--|---------------------------------------|-------|
| 15434 | 03/07/08   | CryptoBytes V1-2 Summer 1995.pdf      | 177   |
| 15435 | 02/07/08   | CryptoBytes V1-3 Autumn 1995.pdf      | 149   |
| 15436 | 03/07/08   | CryptoBytes V2-1 Spring 1996.pdf      | 168   |
| 15437 | 03/07/08   | CryptoBytes V2-2 Summer 1996.pdf      | 158   |
| 15438 | 02/07/08   | CryptoBytes V2-3 Winter 1997.pdf      | 176   |
| 15439 | 02/07/08   | CryptoBytes V3-1 Spring 1997.pdf      | 150   |
| 15440 | 02/07/08   | CryptoBytes V3-2 Autumn 1997.pdf      | 143   |
| 15441 | 02/07/08   | CryptoBytes V4-1 Summer 1998.pdf      | 213   |
| 15442 | 02/07/08   | CryptoBytes V4-2 Winter 1999.pdf      | 147   |
| 15443 | 02/07/08   | CryptoBytes V5-1 Spring 2002.pdf      | 369   |
| 15444 | 02/07/08   | CryptoBytes V5-2 Fall 2002.pdf        | 549   |
| 15445 | 02/07/08   | CryptoBytes V6-1 Spring 2003.pdf      | 597   |
| 15446 | 02/07/08   | CryptoBytes V6-2 Summer 2003.pdf      | 380   |
| 15447 | 02/07/08   | CryptoBytes V7-1 Spring 2004.pdf      | 379   |
| 15448 | 02/07/08   | CryptoBytes V7-2 Fall 2004.pdf        | 301   |
| 15449 | 02/07/08   | CryptoBytes V8-2 Winter 2007.pdf      | 386   |
| 15450 | <b>Livres, journaux &amp; Bulletins\DUNOD Maîtrise de la CEM</b> |                                       |       |
| 15451 | 01/04/08   | DUNOD couverture CEM.pdf              | 474   |
| 15452 | 31/03/08   | DUNOD Maitrise CEM partie 1.pdf       | 36319 |
| 15453 | 01/04/08   | DUNOD Maitrise CEM partie 2.pdf       | 24364 |
| 15454 | 01/04/08   | DUNOD Maitrise CEM partie 3.pdf       | 37989 |
| 15455 | 01/04/08   | DUNOD Maitrise CEM partie 4.pdf       | 57607 |
| 15456 | 12/02/09   | DUNOD Maitrise CEM partie 5.pdf       | 13579 |
| 15457 | 01/04/08   | DUNOD Maitrise CEM partie 6.pdf       | 8418  |
| 15458 | 07/03/08   | DUNOD Table des matières générale.pdf | 871   |
| 15459 | 26/05/08   | Parties manquantes.txt                | 1     |
| 15460 | <b>Livres, journaux &amp; Bulletins\Elektor 2004</b>             |                                       |       |
| 15461 | 10/01/05   | detail1.htm                           | 6     |
| 15462 | 10/01/05   | detail10.htm                          | 9     |
| 15463 | 10/01/05   | detail11.htm                          | 7     |
| 15464 | 10/01/05   | detail12.htm                          | 7     |
| 15465 | 10/01/05   | detail2.htm                           | 7     |
| 15466 | 10/01/05   | detail3.htm                           | 7     |
| 15467 | 10/01/05   | detail4.htm                           | 10    |
| 15468 | 10/01/05   | detail5.htm                           | 9     |

|       |          |             |      |
|-------|----------|-------------|------|
| 15469 | 10/01/05 | detail6.htm | 9    |
| 15470 | 10/01/05 | detail7.htm | 29   |
| 15471 | 10/01/05 | detail9.htm | 6    |
| 15472 | 03/12/03 | f041008.pdf | 1060 |
| 15473 | 03/12/03 | f041016.pdf | 333  |
| 15474 | 08/12/03 | f041024.pdf | 383  |
| 15475 | 03/12/03 | f041034.pdf | 389  |
| 15476 | 03/12/03 | f041040.pdf | 145  |
| 15477 | 03/12/03 | f041046.pdf | 508  |
| 15478 | 03/12/03 | f041050.pdf | 238  |
| 15479 | 03/12/03 | f041053.pdf | 88   |
| 15480 | 03/12/03 | f041056.pdf | 81   |
| 15481 | 03/12/03 | f041062.pdf | 358  |
| 15482 | 03/12/03 | f041068.pdf | 193  |
| 15483 | 04/12/03 | f041071.pdf | 536  |
| 15484 | 04/12/03 | f041073.pdf | 59   |
| 15485 | 03/12/03 | f041078.pdf | 888  |
| 15486 | 07/01/04 | f042008.pdf | 361  |
| 15487 | 07/01/04 | f042014.pdf | 194  |
| 15488 | 07/01/04 | f042018.pdf | 869  |
| 15489 | 21/12/04 | f042028.pdf | 379  |
| 15490 | 21/12/04 | f042032.pdf | 58   |
| 15491 | 07/01/04 | f042034.pdf | 328  |
| 15492 | 07/01/04 | f042038.pdf | 545  |
| 15493 | 07/01/04 | f042046.pdf | 285  |
| 15494 | 07/01/04 | f042050.pdf | 343  |
| 15495 | 07/01/04 | f042054.pdf | 84   |
| 15496 | 07/01/04 | f042058.pdf | 74   |
| 15497 | 06/01/04 | f042065.pdf | 117  |
| 15498 | 21/12/04 | f042068.pdf | 295  |
| 15499 | 07/01/04 | f042074.pdf | 373  |
| 15500 | 07/01/04 | f042076.pdf | 141  |
| 15501 | 07/01/04 | f042078.pdf | 870  |
| 15502 | 04/02/04 | f043008.pdf | 485  |
| 15503 | 04/02/04 | f043016.pdf | 337  |

|       |          |             |      |
|-------|----------|-------------|------|
| 15504 | 04/02/04 | f043020.pdf | 381  |
| 15505 | 04/02/04 | f043027.pdf | 57   |
| 15506 | 04/02/04 | f043030.pdf | 111  |
| 15507 | 21/12/04 | f043034.pdf | 97   |
| 15508 | 06/01/05 | f043038.pdf | 195  |
| 15509 | 04/02/04 | f043040.pdf | 174  |
| 15510 | 04/02/04 | f043046.pdf | 421  |
| 15511 | 04/02/04 | f043052.pdf | 513  |
| 15512 | 04/02/04 | f043062.pdf | 351  |
| 15513 | 04/02/04 | f043070.pdf | 409  |
| 15514 | 04/02/04 | f043076.pdf | 350  |
| 15515 | 04/02/04 | f043078.pdf | 122  |
| 15516 | 11/03/04 | f044010.pdf | 497  |
| 15517 | 11/03/04 | f044018.pdf | 448  |
| 15518 | 11/03/04 | f044024.pdf | 709  |
| 15519 | 11/03/04 | f044032.pdf | 883  |
| 15520 | 06/01/05 | f044036.pdf | 121  |
| 15521 | 21/12/04 | f044038.pdf | 141  |
| 15522 | 21/12/04 | f044039.pdf | 125  |
| 15523 | 21/12/04 | f044040.pdf | 43   |
| 15524 | 21/12/04 | f044041.pdf | 77   |
| 15525 | 11/03/04 | f044044.pdf | 601  |
| 15526 | 11/03/04 | f044049.pdf | 65   |
| 15527 | 11/03/04 | f044052.pdf | 330  |
| 15528 | 11/03/04 | f044058.pdf | 200  |
| 15529 | 11/03/04 | f044060.pdf | 62   |
| 15530 | 21/12/04 | f044062.pdf | 329  |
| 15531 | 21/12/04 | f044068.pdf | 355  |
| 15532 | 21/12/04 | f044069.pdf | 242  |
| 15533 | 15/03/04 | f044074.pdf | 420  |
| 15534 | 15/03/04 | f044076.pdf | 46   |
| 15535 | 21/12/04 | f044077.pdf | 43   |
| 15536 | 15/03/04 | f044078.pdf | 223  |
| 15537 | 08/04/04 | f045008.pdf | 1245 |
| 15538 | 08/04/04 | f045014.pdf | 232  |

|       |          |             |      |
|-------|----------|-------------|------|
| 15539 | 08/04/04 | f045018.pdf | 378  |
| 15540 | 08/04/04 | f045024.pdf | 652  |
| 15541 | 08/04/04 | f045032.pdf | 384  |
| 15542 | 08/04/04 | f045038.pdf | 234  |
| 15543 | 08/04/04 | f045044.pdf | 916  |
| 15544 | 08/04/04 | f045050.pdf | 300  |
| 15545 | 08/04/04 | f045055.pdf | 51   |
| 15546 | 08/04/04 | f045060.pdf | 46   |
| 15547 | 21/12/04 | f045061.pdf | 41   |
| 15548 | 08/04/04 | f045062.pdf | 124  |
| 15549 | 08/04/04 | f045064.pdf | 310  |
| 15550 | 08/04/04 | f045068.pdf | 211  |
| 15551 | 06/01/05 | f045071.pdf | 40   |
| 15552 | 21/12/04 | f045072.pdf | 278  |
| 15553 | 21/12/04 | f045075.pdf | 68   |
| 15554 | 21/12/04 | f045076.pdf | 32   |
| 15555 | 21/12/04 | f045077.pdf | 60   |
| 15556 | 06/05/04 | f046009.pdf | 85   |
| 15557 | 06/05/04 | f046010.pdf | 957  |
| 15558 | 21/12/04 | f046018.pdf | 215  |
| 15559 | 06/05/04 | f046024.pdf | 291  |
| 15560 | 06/05/04 | f046032.pdf | 166  |
| 15561 | 06/05/04 | f046038.pdf | 875  |
| 15562 | 06/05/04 | f046044.pdf | 567  |
| 15563 | 06/05/04 | f046052.pdf | 485  |
| 15564 | 06/05/04 | f046058.pdf | 58   |
| 15565 | 21/12/04 | f046060.pdf | 1092 |
| 15566 | 06/05/04 | f046064.pdf | 88   |
| 15567 | 21/12/04 | f046067.pdf | 44   |
| 15568 | 07/05/04 | f046070.pdf | 391  |
| 15569 | 07/05/04 | f046074.pdf | 46   |
| 15570 | 21/12/04 | f046075.pdf | 42   |
| 15571 | 07/05/04 | f046076.pdf | 295  |
| 15572 | 24/06/04 | f047001.pdf | 215  |
| 15573 | 24/06/04 | f047002.pdf | 34   |

|       |          |             |     |
|-------|----------|-------------|-----|
| 15574 | 24/06/04 | f047003.pdf | 27  |
| 15575 | 21/12/04 | f047004.pdf | 39  |
| 15576 | 24/06/04 | f047005.pdf | 40  |
| 15577 | 24/06/04 | f047006.pdf | 33  |
| 15578 | 24/06/04 | f047007.pdf | 30  |
| 15579 | 21/12/04 | f047008.pdf | 42  |
| 15580 | 24/06/04 | f047009.pdf | 33  |
| 15581 | 24/06/04 | f047010.pdf | 82  |
| 15582 | 24/06/04 | f047011.pdf | 139 |
| 15583 | 24/06/04 | f047012.pdf | 26  |
| 15584 | 24/06/04 | f047013.pdf | 29  |
| 15585 | 24/06/04 | f047014.pdf | 19  |
| 15586 | 24/06/04 | f047015.pdf | 24  |
| 15587 | 24/06/04 | f047016.pdf | 22  |
| 15588 | 24/06/04 | f047017.pdf | 23  |
| 15589 | 24/06/04 | f047018.pdf | 91  |
| 15590 | 24/06/04 | f047019.pdf | 31  |
| 15591 | 24/06/04 | f047020.pdf | 21  |
| 15592 | 24/06/04 | f047021.pdf | 28  |
| 15593 | 24/06/04 | f047022.pdf | 23  |
| 15594 | 24/06/04 | f047023.pdf | 28  |
| 15595 | 24/06/04 | f047024.pdf | 24  |
| 15596 | 24/06/04 | f047025.pdf | 157 |
| 15597 | 24/06/04 | f047026.pdf | 161 |
| 15598 | 24/06/04 | f047027.pdf | 23  |
| 15599 | 24/06/04 | f047028.pdf | 29  |
| 15600 | 24/06/04 | f047029.pdf | 29  |
| 15601 | 24/06/04 | f047030.pdf | 27  |
| 15602 | 24/06/04 | f047031.pdf | 199 |
| 15603 | 24/06/04 | f047032.pdf | 27  |
| 15604 | 24/06/04 | f047033.pdf | 31  |
| 15605 | 24/06/04 | f047034.pdf | 24  |
| 15606 | 24/06/04 | f047035.pdf | 23  |
| 15607 | 24/06/04 | f047036.pdf | 62  |
| 15608 | 24/06/04 | f047037.pdf | 28  |

|       |          |             |     |
|-------|----------|-------------|-----|
| 15609 | 24/06/04 | f047038.pdf | 25  |
| 15610 | 21/12/04 | f047039.pdf | 32  |
| 15611 | 24/06/04 | f047040.pdf | 107 |
| 15612 | 24/06/04 | f047041.pdf | 27  |
| 15613 | 24/06/04 | f047042.pdf | 26  |
| 15614 | 24/06/04 | f047043.pdf | 17  |
| 15615 | 24/06/04 | f047044.pdf | 58  |
| 15616 | 24/06/04 | f047045.pdf | 115 |
| 15617 | 21/12/04 | f047046.pdf | 40  |
| 15618 | 24/06/04 | f047047.pdf | 103 |
| 15619 | 24/06/04 | f047048.pdf | 30  |
| 15620 | 24/06/04 | f047049.pdf | 26  |
| 15621 | 24/06/04 | f047050.pdf | 29  |
| 15622 | 24/06/04 | f047051.pdf | 23  |
| 15623 | 21/12/04 | f047052.pdf | 32  |
| 15624 | 24/06/04 | f047053.pdf | 59  |
| 15625 | 24/06/04 | f047054.pdf | 39  |
| 15626 | 24/06/04 | f047055.pdf | 169 |
| 15627 | 24/06/04 | f047056.pdf | 46  |
| 15628 | 24/06/04 | f047057.pdf | 23  |
| 15629 | 24/06/04 | f047058.pdf | 89  |
| 15630 | 24/06/04 | f047059.pdf | 38  |
| 15631 | 24/06/04 | f047060.pdf | 28  |
| 15632 | 24/06/04 | f047061.pdf | 25  |
| 15633 | 24/06/04 | f047062.pdf | 25  |
| 15634 | 24/06/04 | f047063.pdf | 77  |
| 15635 | 24/06/04 | f047064.pdf | 22  |
| 15636 | 24/06/04 | f047065.pdf | 32  |
| 15637 | 24/06/04 | f047066.pdf | 19  |
| 15638 | 24/06/04 | f047067.pdf | 33  |
| 15639 | 24/06/04 | f047068.pdf | 32  |
| 15640 | 24/06/04 | f047069.pdf | 44  |
| 15641 | 24/06/04 | f047070.pdf | 94  |
| 15642 | 24/06/04 | f047071.pdf | 42  |
| 15643 | 24/06/04 | f047072.pdf | 29  |

|       |          |             |     |
|-------|----------|-------------|-----|
| 15644 | 24/06/04 | f047073.pdf | 35  |
| 15645 | 24/06/04 | f047074.pdf | 46  |
| 15646 | 24/06/04 | f047075.pdf | 28  |
| 15647 | 24/06/04 | f047076.pdf | 173 |
| 15648 | 24/06/04 | f047077.pdf | 28  |
| 15649 | 24/06/04 | f047078.pdf | 32  |
| 15650 | 24/06/04 | f047079.pdf | 93  |
| 15651 | 24/06/04 | f047080.pdf | 33  |
| 15652 | 24/06/04 | f047081.pdf | 29  |
| 15653 | 24/06/04 | f047082.pdf | 30  |
| 15654 | 24/06/04 | f047083.pdf | 253 |
| 15655 | 24/06/04 | f047084.pdf | 33  |
| 15656 | 24/06/04 | f047085.pdf | 86  |
| 15657 | 24/06/04 | f047086.pdf | 96  |
| 15658 | 24/06/04 | f047087.pdf | 25  |
| 15659 | 24/06/04 | f047088.pdf | 39  |
| 15660 | 24/06/04 | f047089.pdf | 44  |
| 15661 | 24/06/04 | f047090.pdf | 54  |
| 15662 | 24/06/04 | f047091.pdf | 31  |
| 15663 | 24/06/04 | f047092.pdf | 31  |
| 15664 | 24/06/04 | f047093.pdf | 22  |
| 15665 | 24/06/04 | f047094.pdf | 29  |
| 15666 | 24/06/04 | f047095.pdf | 29  |
| 15667 | 24/06/04 | f047096.pdf | 68  |
| 15668 | 24/06/04 | f047097.pdf | 75  |
| 15669 | 24/06/04 | f047098.pdf | 29  |
| 15670 | 24/06/04 | f047099.pdf | 25  |
| 15671 | 24/06/04 | f047100.pdf | 32  |
| 15672 | 24/06/04 | f047101.pdf | 207 |
| 15673 | 24/06/04 | f047102.pdf | 26  |
| 15674 | 24/06/04 | f047103.pdf | 26  |
| 15675 | 24/06/04 | f047104.pdf | 59  |
| 15676 | 24/06/04 | f047105.pdf | 30  |
| 15677 | 24/06/04 | f047106.pdf | 33  |
| 15678 | 24/06/04 | f047107.pdf | 35  |



|       |          |             |      |
|-------|----------|-------------|------|
| 15679 | 24/06/04 | f047108.pdf | 35   |
| 15680 | 24/06/04 | f047109.pdf | 31   |
| 15681 | 24/06/04 | f047110.pdf | 64   |
| 15682 | 24/06/04 | f047111.pdf | 25   |
| 15683 | 24/06/04 | f047112.pdf | 30   |
| 15684 | 24/06/04 | f047113.pdf | 28   |
| 15685 | 24/06/04 | f047114.pdf | 27   |
| 15686 | 24/06/04 | f047115.pdf | 23   |
| 15687 | 24/06/04 | f047116.pdf | 27   |
| 15688 | 24/06/04 | f047117.pdf | 27   |
| 15689 | 10/06/04 | f047S08.pdf | 3287 |
| 15690 | 10/06/04 | f047S15.pdf | 187  |
| 15691 | 10/06/04 | f047S16.pdf | 3200 |
| 15692 | 30/07/04 | f049008.pdf | 228  |
| 15693 | 30/07/04 | f049010.pdf | 154  |
| 15694 | 30/07/04 | f049012.pdf | 1224 |
| 15695 | 30/07/04 | f049020.pdf | 139  |
| 15696 | 30/07/04 | f049024.pdf | 626  |
| 15697 | 30/07/04 | f049038.pdf | 443  |
| 15698 | 30/07/04 | f049046.pdf | 153  |
| 15699 | 30/07/04 | f049049.pdf | 86   |
| 15700 | 30/07/04 | f049051.pdf | 70   |
| 15701 | 30/07/04 | f049052.pdf | 793  |
| 15702 | 30/07/04 | f049058.pdf | 632  |
| 15703 | 30/07/04 | f049064.pdf | 771  |
| 15704 | 06/01/05 | f049072.pdf | 308  |
| 15705 | 30/07/04 | f049075.pdf | 36   |
| 15706 | 30/07/04 | f049076.pdf | 300  |
| 15707 | 10/09/04 | f04a008.pdf | 49   |
| 15708 | 21/12/04 | f04a009.pdf | 45   |
| 15709 | 13/09/04 | f04a016.pdf | 1038 |
| 15710 | 10/09/04 | f04a029.pdf | 193  |
| 15711 | 14/09/04 | f04a032.pdf | 357  |
| 15712 | 10/09/04 | f04a036.pdf | 163  |
| 15713 | 13/09/04 | f04a038.pdf | 166  |

|       |          |             |      |
|-------|----------|-------------|------|
| 15714 | 13/09/04 | f04a041.pdf | 1141 |
| 15715 | 13/09/04 | f04a046.pdf | 121  |
| 15716 | 13/09/04 | f04a049.pdf | 27   |
| 15717 | 13/09/04 | f04a050.pdf | 431  |
| 15718 | 13/09/04 | f04a058.pdf | 39   |
| 15719 | 13/09/04 | f04a060.pdf | 92   |
| 15720 | 14/09/04 | f04a065.pdf | 286  |
| 15721 | 13/09/04 | f04a066.pdf | 474  |
| 15722 | 14/09/04 | f04a069.pdf | 267  |
| 15723 | 13/09/04 | f04a070.pdf | 683  |
| 15724 | 13/09/04 | f04a072.pdf | 71   |
| 15725 | 14/09/04 | f04a074.pdf | 136  |
| 15726 | 06/01/05 | f04a077.pdf | 63   |
| 15727 | 11/10/04 | f04b014.pdf | 649  |
| 15728 | 11/10/04 | f04b022.pdf | 580  |
| 15729 | 11/10/04 | f04b026.pdf | 131  |
| 15730 | 11/10/04 | f04b030.pdf | 72   |
| 15731 | 11/10/04 | f04b036.pdf | 639  |
| 15732 | 11/10/04 | f04b040.pdf | 328  |
| 15733 | 11/10/04 | f04b046.pdf | 355  |
| 15734 | 11/10/04 | f04b050.pdf | 151  |
| 15735 | 11/10/04 | f04b052.pdf | 517  |
| 15736 | 11/10/04 | f04b055.pdf | 149  |
| 15737 | 11/10/04 | f04b058.pdf | 387  |
| 15738 | 11/10/04 | f04b064.pdf | 304  |
| 15739 | 11/10/04 | f04b068.pdf | 172  |
| 15740 | 21/12/04 | f04b071.pdf | 68   |
| 15741 | 21/12/04 | f04b072.pdf | 58   |
| 15742 | 11/10/04 | f04b074.pdf | 239  |
| 15743 | 11/10/04 | f04b081.pdf | 91   |
| 15744 | 04/11/04 | f04c012.pdf | 196  |
| 15745 | 12/11/04 | f04c016.pdf | 393  |
| 15746 | 04/11/04 | f04c024.pdf | 259  |
| 15747 | 04/11/04 | f04c028.pdf | 325  |
| 15748 | 04/11/04 | f04c030.pdf | 456  |

|       |  |  |      |
|-------|--|--|------|
| 15749 | 05/11/04   | f04c038.pdf                                    | 314  |
| 15750 | 08/11/04   | f04c046.pdf                                    | 208  |
| 15751 | 08/11/04   | f04c048.pdf                                    | 137  |
| 15752 | 08/11/04   | f04c052.pdf                                    | 199  |
| 15753 | 08/11/04   | f04c056.pdf                                    | 165  |
| 15754 | 08/11/04   | f04c059.pdf                                    | 298  |
| 15755 | 08/11/04   | f04c060.pdf                                    | 2178 |
| 15756 | 08/11/04   | f04c066.pdf                                    | 108  |
| 15757 | 21/12/04   | f04c067.pdf                                    | 61   |
| 15758 | 08/11/04   | f04c068.pdf                                    | 956  |
| 15759 | 08/11/04   | f04c070.pdf                                    | 333  |
| 15760 | 08/11/04   | f04c075.pdf                                    | 117  |
| 15761 | 08/11/04   | f04c076.pdf                                    | 130  |
| 15762 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur</b>                    |  |      |
| 15763 | 20/08/05   | Liste techniques de l'ingénieur.html           | 99   |
| 15764 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Acoustique</b>         |  |      |
| 15765 | 18/02/10   | AF3810 Acoustique - Equations générales.pdf    | 108  |
| 15766 | 04/10/09   | E1910 Ultrasons.pdf                            | 1630 |
| 15767 | 18/02/10   | E1955 Acousto-optique.pdf                      | 329  |
| 15768 | 17/02/10   | E5110 Acoustique physiologique.pdf             | 69   |
| 15769 | 11/02/10   | E5120 Perception des sons.pdf                  | 109  |
| 15770 | 13/11/09   | E5150 Transduction électroacoustique.pdf       | 509  |
| 15771 | 16/11/09   | E5155 Sonorisation.pdf                         | 198  |
| 15772 | 12/02/10   | E5160 Microphones.pdf                          | 1215 |
| 15773 | 14/02/10   | E5170 Hauts parleurs.pdf                       | 609  |
| 15774 | 16/11/09   | G2760 Réduction bruit en milieu industriel.pdf | 292  |
| 15775 | 17/02/10   | G2790 Bruit - Données réglementaires.pdf       | 146  |
| 15776 | 12/02/10   | R1402 Microscopie acoustique.pdf               | 374  |
| 15777 | 09/02/10   | TE5130 Propagation des ondes acoustiques.pdf   | 263  |
| 15778 | 16/11/09   | TE5132 Rayonnement ondes acoustiques.pdf       | 138  |
| 15779 | 16/11/09   | TE5156 Réseaux acoustiques.pdf                 | 229  |
| 15780 | 16/02/10   | TE5820 Enceintes aux basses fréquences.pdf     | 194  |
| 15781 | 16/02/10   | TE5820 Enceintes aux hautes fréquences.pdf     | 145  |
| 15782 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Audio - vidéo - TV</b> |  |      |
| 15783 | 13/11/09   | E4085 Traitement images optroniques.pdf        | 609  |

|       |   |   |      |
|-------|---|---|------|
| 15784 | 18/02/10  | E5520 Analyseurs d'images.pdf                   | 276  |
| 15785 | 16/11/09  | E5650 Restitution des images sur écran.pdf      | 297  |
| 15786 | 04/10/09  | E5665 TV grand écran.pdf                        | 1133 |
| 15787 | 04/10/09  | E5865 TV Câble distribution ana & num.pdf       | 810  |
| 15788 | 12/02/10  | E6156 NICAM en L secam.pdf                      | 88   |
| 15789 | 14/11/09  | H7150 Format d'image SVG.pdf                    | 103  |
| 15790 | 16/11/09  | TE5330 Signal vidéo numérique.pdf               | 482  |
| 15791 | 17/02/10  | TE5360 Compressions MPEG1 - MPEG4.pdf           | 218  |
| 15792 | 17/02/10  | TE5670 Cinéma sur grand écran.pdf               | 269  |
| 15793 | 04/10/09  | TE6146 TNT principes.pdf                        | 2491 |
| 15794 | 04/10/09  | TE6147 TNT 8 VSB & DVB T.pdf                    | 203  |
| 15795 | 04/10/09  | TE6148 TNT équipement déploiement.pdf           | 138  |
| 15796 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\CEM, antennes et mesures HF</b> |   |      |
| 15797 | 17/02/10  | D1300 Présentation générale de la CEM.pdf       | 316  |
| 15798 | 17/02/10  | D1305 CEM Modes de transmission.pdf             | 211  |
| 15799 | 17/02/10  | D1310 CEM Normalisation & mesures.pdf           | 141  |
| 15800 | 17/02/10  | D1320 Blindages électromagnétiques.pdf          | 177  |
| 15801 | 17/02/10  | E1205 Conducteurs aux hautes fréquences.pdf     | 463  |
| 15802 | 18/02/10  | E3280 Antennes - Bases et principes.pdf         | 739  |
| 15803 | 18/02/10  | E3282 Antennes - Différents types.pdf           | 127  |
| 15804 | 18/02/10  | E3284 Antennes techniques.pdf                   | 400  |
| 15805 | 18/02/10  | E3288 Antennes - Eléments connexes.pdf          | 331  |
| 15806 | 17/02/10  | E6150 Bruit radioélectrique.pdf                 | 543  |
| 15807 | 16/11/09  | E6227 Salles anéchoïques électromagnétiques.pdf | 377  |
| 15808 | 11/02/10  | R1065 Parasites des mesures.pdf                 | 321  |
| 15809 | 12/02/10  | R1135 Méthodes de mesure RF appareillage.pdf    | 728  |
| 15810 | 12/02/10  | R1140 Mesures radio antennes.pdf                | 156  |
| 15811 | 12/02/10  | R1145 Mesures RF Analyseurs de réseaux.pdf      | 440  |
| 15812 | 12/02/10  | R1146 Mesures RF 6-ports.pdf                    | 276  |
| 15813 | 16/02/10  | R280 Erreurs de mesure.pdf                      | 400  |
| 15814 | 17/02/10  | R310 - E1150 Bruit de fond et meures.pdf        | 1013 |
| 15815 | 11/02/10  | R430 Electronique dans les mesures.pdf          | 3244 |
| 15816 | 17/02/10  | R450 Bruit dans les mesures électriques.pdf     | 313  |
| 15817 | 12/02/10  | R930 Mesures en CEM.pdf                         | 325  |
| 15818 | 15/02/10  | R933 Exposition humaine au champ EM.pdf         | 371  |

|       |  |   |      |
|-------|--|---|------|
| 15819 | 12/02/10   | R985 Mesure de très faibles tensions.pdf          | 332  |
| 15820 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Composants électroniques</b>   |   |      |
| 15821 | 17/02/10   | E2060 Condensateurs.pdf                           | 442  |
| 15822 | 16/11/09   | E2100 Résistances & Potentiomètres.pdf            | 412  |
| 15823 | 05/02/10   | E2110 Varistances.pdf                             | 580  |
| 15824 | 13/11/09   | E2130 Transformateurs et inductances.pdf          | 278  |
| 15825 | 17/02/10   | E2205 Composants piezoélectriques.pdf             | 207  |
| 15826 | 17/02/10   | E2315 Capteurs microélectroniques.pdf             | 798  |
| 15827 | 17/02/10   | E2425 CI bipolaires silicium.pdf                  | 789  |
| 15828 | 13/11/09   | E2427 Transistors bipolaires intégrés.pdf         | 601  |
| 15829 | 13/11/09   | E2430 Transistor MOS et sa fabrication.pdf        | 444  |
| 15830 | 17/02/10   | E2432 CI CMOS silicium.pdf                        | 266  |
| 15831 | 20/08/05   | E2435 Packaging circuits intégrés.pdf             | 1725 |
| 15832 | 17/02/10   | E2440 Circuits intégrés As Ga.pdf                 | 661  |
| 15833 | 16/02/10   | E2465 Diodes et transistors bipolaires.pdf        | 717  |
| 15834 | 13/11/09   | E2468 Systèmes sur une puce.pdf                   | 162  |
| 15835 | 16/02/10   | E3212 Composants acousto-électronique.pdf         | 224  |
| 15836 | 17/02/10   | E3500 Composants logiques - Fondements.pdf        | 936  |
| 15837 | 17/02/10   | E3505 Composants logiques - Réalisations.pdf      | 468  |
| 15838 | 17/02/10   | E3510 Bibliothèque de cellules pour CI.pdf        | 452  |
| 15839 | 17/02/10   | E3520 Cartes ... puces.pdf                        | 477  |
| 15840 | 12/02/10   | E3550 Microprocesseurs - Généralités.pdf          | 159  |
| 15841 | 12/02/10   | E3555 Microprocesseurs - Performances.pdf         | 157  |
| 15842 | 12/02/10   | E3560 Microprocesseurs - Applications.pdf         | 173  |
| 15843 | 17/02/10   | E3565 Digital signal processor DSP.pdf            | 231  |
| 15844 | 18/02/10   | E3855 ASIC architecture.pdf                       | 129  |
| 15845 | 17/02/10   | E3930 Connectique.pdf                             | 1454 |
| 15846 | 17/02/10   | E3960 Composants en électronique de puissance.pdf | 294  |
| 15847 | 13/02/10   | H1218 Mémoires ... semi-conducteurs.pdf           | 157  |
| 15848 | 12/02/10   | H707 Mémoires et entrées-sorties.pdf              | 397  |
| 15849 | 12/02/10   | R1078 Mesures des composants électroniques.pdf    | 956  |
| 15850 | 12/02/10   | S8035 Microcontrôleurs temps réel.pdf             | 195  |
| 15851 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Conception et technologies</b> |   |      |
| 15852 | 17/02/10   | E1160 Bruit de fond - Calcul en électronique.pdf  | 298  |
| 15853 | 16/02/10   | E150 Electronique impulsionnelle.pdf              | 295  |

|       |   |   |      |
|-------|---|---|------|
| 15854 | 04/10/09  | E2355 Tubes hyperfréquences.pdf                       | 1365 |
| 15855 | 13/11/09  | E2462 Conception orientée testabilité.pdf             | 160  |
| 15856 | 18/02/10  | E310 Amplificateurs.pdf                               | 155  |
| 15857 | 18/02/10  | E320 Amplis faibles niveaux.pdf                       | 292  |
| 15858 | 14/02/10  | E3900 Interconnexions.pdf                             | 136  |
| 15859 | 17/02/10  | E3905 Circuits imprimés rigides.pdf                   | 150  |
| 15860 | 17/02/10  | E3915 Circuits imprimés souples - Conception.pdf      | 189  |
| 15861 | 17/02/10  | E3920 Circuits imprimés souples - Fabrication.pdf     | 205  |
| 15862 | 17/02/10  | E3925 Circuits hybrides - Conception.pdf              | 327  |
| 15863 | 17/02/10  | E3927 Circuits hybrides - Fabrication.pdf             | 327  |
| 15864 | 16/02/10  | E5400 Enregistrement.pdf                              | 1107 |
| 15865 | 16/02/10  | E5410 Disques analogiques gravure.pdf                 | 286  |
| 15866 | 16/02/10  | E5420 Enregistrement magnétique.pdf                   | 572  |
| 15867 | 16/02/10  | E5447 Enregistrement numérique des sons.pdf           | 379  |
| 15868 | 04/10/09  | E5655 Tubes ... rayons cathodiques.pdf                | 607  |
| 15869 | 16/02/10  | E5770 Enregistrement magnétique des images.pdf        | 941  |
| 15870 | 12/02/10  | H1254 Mémoires enregistrement magnétique.pdf          | 331  |
| 15871 | 12/02/10  | H1259tec Mémoires stockage holographique.pdf          | 70   |
| 15872 | 16/02/10  | R1085 Enregistreurs magnétiques.pdf                   | 825  |
| 15873 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Conversion d'énergie</b>        |   |      |
| 15874 | 13/11/09  | E3620 Systèmes d'alimentations.pdf                    | 151  |
| 15875 | 18/02/10  | E380 Alimentations continues stabilisées.pdf          | 166  |
| 15876 | 16/02/10  | E3958 Electronique de puissance.pdf                   | 131  |
| 15877 | 16/11/09  | E3962 Redresseurs et onduleurs assistés.pdf           | 263  |
| 15878 | 14/02/10  | E3964 Hacheurs fonctionnement.pdf                     | 214  |
| 15879 | 14/02/10  | E3965 Hacheurs filtres et commande.pdf                | 149  |
| 15880 | 17/02/10  | E3994 Chargeurs de batteries.pdf                      | 154  |
| 15881 | 12/02/10  | E3996 Motorisation véhicules électriques.pdf          | 437  |
| 15882 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Electrotechnique et énergie</b> |   |      |
| 15883 | 17/02/10  | B1250 Centrales électriques combustibles fossiles.pdf | 1153 |
| 15884 | 16/11/09  | B3025 Réacteurs nucléaires théorie.pdf                | 743  |
| 15885 | 17/02/10  | B8925 Centrales ... lit fluidisé sous pression.pdf    | 939  |
| 15886 | 18/02/10  | BE8015 Analyse exergetique.pdf                        | 162  |
| 15887 | 17/02/10  | BE8545 Carburants liquides.pdf                        | 236  |
| 15888 | 17/02/10  | BE8550 Biocarburants.pdf                              | 106  |

|       |  |   |      |
|-------|--|---|------|
| 15889 | 12/02/10   | D1501 Mesures électrotechnique dispositifs.pdf      | 686  |
| 15890 | 12/02/10   | D1502 Mesures en électrotechnique.pdf               | 774  |
| 15891 | 16/02/10   | D2020 Essais en électricité.pdf                     | 1026 |
| 15892 | 16/02/10   | D2050 Essais environnement électricité.pdf          | 456  |
| 15893 | 14/02/10   | D2302 Isolation des matériels électriques.pdf       | 228  |
| 15894 | 14/11/09   | D4030 Stockage de l'électricité.pdf                 | 232  |
| 15895 | 17/02/10   | D4317 Compensation de puissance réactive.pdf        | 268  |
| 15896 | 17/02/10   | D4318 Compensateurs statiques de P réactive.pdf     | 58   |
| 15897 | 18/07/11   | D45 Symboles graphiques.pdf                         | 215  |
| 15898 | 18/02/10   | E2140 Accumulateurs portables.pdf                   | 284  |
| 15899 | 16/02/10   | E3957 Essais d environnements.pdf                   | 419  |
| 15900 | 09/02/10   | k585 Thermodynamiques de l'eau.pdf                  | 156  |
| 15901 | 18/02/10   | R950 Appareils mesure en électrotechnique.pdf       | 336  |
| 15902 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Environnement</b>          |   |      |
| 15903 | 16/02/10   | E3942 Contraintes climatiques et chimiques.pdf      | 131  |
| 15904 | 09/02/10   | E3944 Revêtements protection climatique.pdf         | 180  |
| 15905 | 09/02/10   | E3946 Protection contre les chocs et vibrations.pdf | 280  |
| 15906 | 16/02/10   | T3100 Ergonomie.pdf                                 | 301  |
| 15907 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Filtrage et régulation</b> |   |      |
| 15908 | 14/02/10   | E2200 Filtres ... ondes de surface.pdf              | 318  |
| 15909 | 14/02/10   | E3110 Fonctions de transfert des filtres.pdf        | 1395 |
| 15910 | 14/02/10   | E3120 Synthèse de filtres LC.pdf                    | 675  |
| 15911 | 14/02/10   | E3130 Synthèse de filtres actifs.pdf                | 633  |
| 15912 | 14/02/10   | E3150 Filtres ... capacités commutées.pdf           | 511  |
| 15913 | 14/02/10   | E3160 Filtres numériques - Synthèse.pdf             | 315  |
| 15914 | 14/02/10   | E3162 Filtres numériques - Bancs de filtres.pdf     | 418  |
| 15915 | 14/02/10   | E3580 Filtres anti-parasites.pdf                    | 199  |
| 15916 | 17/02/10   | R7090 Chaînes de régulation - Principes.pdf         | 511  |
| 15917 | 17/02/10   | R7100 Chaînes de régulation type.pdf                | 115  |
| 15918 | 17/02/10   | R7110 Chaînes de régulation ... calculateur.pdf     | 426  |
| 15919 | 14/02/10   | R7228 Filtrage optimal.pdf                          | 314  |
| 15920 | 18/02/10   | R7407 Asservissement - Amortissement.pdf            | 104  |
| 15921 | 18/02/10   | R7412 Asservissements de correction.pdf             | 505  |
| 15922 | 16/11/09   | R7416 Régulateurs PID ana ou num.pdf                | 242  |
| 15923 | 17/02/10   | R7422 Commande crone.pdf                            | 445  |

|       |   |  |      |
|-------|---|--|------|
| 15924 | 17/02/10  | R7423 Commande prédictive.pdf                  | 160  |
| 15925 | 17/02/10  | R7432 Commande en F - Paliers magnétiques.pdf  | 588  |
| 15926 | 18/02/10  | R7562 Algorithmique de commande par calcul.pdf | 403  |
| 15927 | 17/02/10  | S7426 Commande adaptative.pdf                  | 305  |
| 15928 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Informatique &amp; Internet</b>       |  |      |
| 15929 | 17/02/10  | A5091 Cahier des charges informatique.pdf      | 89   |
| 15930 | 14/02/10  | AG2470 Interfacer les produits.pdf             | 92   |
| 15931 | 12/02/10  | E5375tec MPEG-7.pdf                            | 55   |
| 15932 | 16/11/09  | H1428 Routage des réseaux internet.pdf         | 119  |
| 15933 | 16/11/09  | H2268 Sécurité internet.pdf                    | 244  |
| 15934 | 13/11/09  | H2288 TCP IP architecture.pdf                  | 357  |
| 15935 | 14/02/10  | H2500 Technologies d'Internet.pdf              | 66   |
| 15936 | 17/02/10  | H2728 Modèle client - serveur.pdf              | 114  |
| 15937 | 04/10/09  | H2908 Introduction au WWW.pdf                  | 444  |
| 15938 | 14/02/10  | H3508 Intranet.pdf                             | 378  |
| 15939 | 14/02/10  | H3518 Flux d'informations workflow.pdf         | 169  |
| 15940 | 12/02/10  | H3558 Messagerie électronique.pdf              | 211  |
| 15941 | 14/02/10  | H3560 Internet par satellites.pdf              | 581  |
| 15942 | 17/02/10  | H3568 Commerce électronique.pdf                | 144  |
| 15943 | 11/02/10  | H7018 PDF description d'images.pdf             | 374  |
| 15944 | 16/11/09  | TE7060 Régulation des télécommunications.pdf   | 159  |
| 15945 | 13/11/09  | TE7080 Technologie internet.pdf                | 66   |
| 15946 | 13/11/09  | TE7510 Téléphonie internet.pdf                 | 119  |
| 15947 | 14/02/10  | TE7515 IP mobile.pdf                           | 155  |
| 15948 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Langages et formats informatiques</b> |  |      |
| 15949 | 20/08/05  | bases de données orientée objets h3248.pdf     | 1241 |
| 15950 | 14/02/10  | E2452 Langage conception circuits intégrés.pdf | 228  |
| 15951 | 18/02/10  | E2492 Logiciels de CAO pour ASICs.pdf          | 326  |
| 15952 | 14/02/10  | H1588 JAVA machine virtuelle.pdf               | 226  |
| 15953 | 17/02/10  | H2038 Bases de données relationnelles.pdf      | 369  |
| 15954 | 17/02/10  | H2048 Bases de données déductives.pdf          | 157  |
| 15955 | 14/02/10  | H2120 FORTRAN.pdf                              | 337  |
| 15956 | 17/02/10  | H2140 COBOL.pdf                                | 232  |
| 15957 | 11/02/10  | H2260 PASCAL langage d écriture systèmes.pdf   | 429  |
| 15958 | 18/02/10  | H2280 ADA.pdf                                  | 136  |



|       |          |   |     |
|-------|----------|---|-----|
| 15959 | 17/02/10 | H2284 Couches de protocoles.pdf                     | 97  |
| 15960 | 14/02/10 | H2510 Langages ... objets.pdf                       | 224 |
| 15961 | 14/02/10 | H2520 LISP.pdf                                      | 288 |
| 15962 | 11/02/10 | H2708 Programmation et systèmes transactionnels.pdf | 165 |
| 15963 | 17/02/10 | H2758 CORBA.pdf                                     | 272 |
| 15964 | 11/02/10 | H2759 Programmation par composants.pdf              | 199 |
| 15965 | 14/02/10 | H2760 JAVA-RMI et IDL-CORBA.pdf                     | 120 |
| 15966 | 11/02/10 | H3008 Programmation.pdf                             | 69  |
| 15967 | 14/02/10 | H3018 Langage CAML.pdf                              | 95  |
| 15968 | 14/02/10 | H3028 MAPLE calcul formel.pdf                       | 936 |
| 15969 | 17/02/10 | H3068 Langage C.pdf                                 | 148 |
| 15970 | 14/02/10 | H3088 JAVA langage.pdf                              | 121 |
| 15971 | 09/02/10 | H3098 Langage Prolog.pdf                            | 125 |
| 15972 | 04/10/09 | H3108 Visual Basic langage.pdf                      | 208 |
| 15973 | 16/11/09 | H3118 Langages de script.pdf                        | 156 |
| 15974 | 14/02/10 | H3148 Logiciels graphiques de base.pdf              | 508 |
| 15975 | 11/02/10 | H3158 Programmation logique avec contraintes.pdf    | 98  |
| 15976 | 17/02/10 | H3168 Compilateurs.pdf                              | 348 |
| 15977 | 18/02/10 | H3178 Assembleur éditeur de liens.pdf               | 192 |
| 15978 | 14/02/10 | H3208 Génie logiciel.pdf                            | 619 |
| 15979 | 12/02/10 | H3228 Objets méthode développement.pdf              | 126 |
| 15980 | 17/02/10 | H3240 Développement rapide applications.pdf         | 217 |
| 15981 | 17/02/10 | H3268 Base de données - Aspects temporels.pdf       | 182 |
| 15982 | 17/02/10 | H3288 Conception de logiciels et portabilité.pdf    | 89  |
| 15983 | 16/02/10 | H3598 Echanges de données informatisé.pdf           | 215 |
| 15984 | 17/02/10 | H3758 Bases de données géographiques.pdf            | 371 |
| 15985 | 17/02/10 | H3840 Bases de données orientées objets.pdf         | 318 |
| 15986 | 17/02/10 | H3850 Bases de données réparties.pdf                | 337 |
| 15987 | 30/09/09 | H7148 XML.pdf                                       | 281 |
| 15988 | 14/02/10 | H7208 Documents hypermédias.pdf                     | 950 |
| 15989 | 14/02/10 | H7217 Interfaces graphiques - Architecture.pdf      | 115 |
| 15990 | 16/02/10 | H7220 Ergonomie documents numériques.pdf            | 184 |
| 15991 | 17/02/10 | H7248 Bases de données documentaires.pdf            | 129 |
| 15992 | 14/02/10 | H7348 Formulaire informatisés.pdf                   | 285 |
| 15993 | 14/02/10 | R7215 Intelligence artificielle & automatique.pdf   | 152 |

|       |   |  |      |
|-------|---|--|------|
| 15994 | 14/02/10  | R7226 Fusion de données.pdf                        | 413  |
| 15995 | 14/02/10  | R7250 Langage Grafcet.pdf                          | 1164 |
| 15996 | 14/02/10  | S8030 Langage programmation API IEC1131-3.pdf      | 141  |
| 15997 | 14/02/10  | S8060 Langages réactifs synchrones ou non.pdf      | 226  |
| 15998 | 11/02/10  | S8205 Programmation graphique Labview .pdf         | 1195 |
| 15999 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Magnétisme et matériaux magnétiques</b> |  |      |
| 16000 | 14/02/10  | D175 Théorie du magnétisme.pdf                     | 1087 |
| 16001 | 13/02/10  | D2090 Aimants permanents - Principes.pdf           | 780  |
| 16002 | 14/02/10  | D2110 Alliages fer silicium.pdf                    | 1519 |
| 16003 | 14/02/10  | D2130 Alliages Fe-Ni et Fe-Co.pdf                  | 571  |
| 16004 | 14/02/10  | D2150 Matériaux amorphes nanocristallins.pdf       | 245  |
| 16005 | 14/02/10  | D2180 Ferrofluides magnétiques.pdf                 | 278  |
| 16006 | 15/02/10  | E1730 Ferromagnétisme.pdf                          | 118  |
| 16007 | 15/02/10  | E1760 Ferrites faibles pertes.pdf                  | 210  |
| 16008 | 14/02/10  | E1770 Matériaux magnétiques amorphes.pdf           | 654  |
| 16009 | 15/02/10  | E1870 Ferroélectricité.pdf                         | 571  |
| 16010 | 13/02/10  | E1880 Matériaux magnétostrictifs.pdf               | 146  |
| 16011 | 13/02/10  | E1960 Matériaux magnétooptiques.pdf                | 105  |
| 16012 | 18/02/10  | E1962 Magnéto optique - Applications.pdf           | 271  |
| 16013 | 14/02/10  | E2135 Magnétorésistance géante et de spin.pdf      | 171  |
| 16014 | 14/02/10  | K718 Matériaux ferromagnétiques usuels.pdf         | 541  |
| 16015 | 14/02/10  | K728 Matériaux ferromagnétiques amorphes.pdf       | 526  |
| 16016 | 17/02/10  | R1404tec Bruit barkausen.pdf                       | 132  |
| 16017 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Matériaux et métallurgie</b>            |  |      |
| 16018 | 14/02/10  | AF3560 Gaz ionisés et plasmas.pdf                  | 268  |
| 16019 | 17/02/10  | D2301 Diélectriques - Courants de conduction.pdf   | 149  |
| 16020 | 17/02/10  | D2305 Diélectriques solides - charges d'espace.pdf | 246  |
| 16021 | 14/02/10  | D2310 Mesures des isolants solides.pdf             | 657  |
| 16022 | 14/02/10  | D2360 Isolants micacés.pdf                         | 387  |
| 16023 | 17/02/10  | E1820 Céramiques en électronique.pdf               | 515  |
| 16024 | 13/02/10  | E1830 Matériaux organiques électroluminescents.pdf | 229  |
| 16025 | 17/02/10  | E1850 Diélectriques propriétés des polymères.pdf   | 157  |
| 16026 | 11/02/10  | E1860 Polymères conducteurs.pdf                    | 478  |
| 16027 | 11/02/10  | E1862 Polymères conducteurs électroniques.pdf      | 201  |
| 16028 | 17/02/10  | E2080 Céramiques semiconductrices.pdf              | 262  |

|       |   |  |      |
|-------|---|--|------|
| 16029 | 14/02/10  | K410 Densités des solutions aqueuses.pdf         | 184  |
| 16030 | 16/11/09  | K710 Résistivité des métaux.pdf                  | 104  |
| 16031 | 14/02/10  | K712 Matériaux isolants solides.pdf              | 166  |
| 16032 | 17/02/10  | K714 Diélectriques liquides.pdf                  | 126  |
| 16033 | 14/02/10  | M1536 Galvanisation et aluminage ... chaud.pdf   | 665  |
| 16034 | 18/02/10  | P2625 Analyse de surface ESCA.pdf                | 303  |
| 16035 | 17/02/10  | RE3lab Carbure de silicium.pdf                   | 436  |
| 16036 | 17/02/10  | T5100 Choix et usage des matériaux.pdf           | 885  |
| 16037 | 16/02/10  | T7800 Essais industriels.pdf                     | 321  |
| 16038 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Modèles et schémas</b>        |  |      |
| 16039 | 16/11/09  | D62 Théorèmes réseaux électriques linéaires.pdf  | 200  |
| 16040 | 13/11/09  | R7190 Méthode du premier harmonique.pdf          | 735  |
| 16041 | 16/11/09  | T4550 Schémas modes d'emploi.pdf                 | 507  |
| 16042 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Modélisation - Simulation</b> |  |      |
| 16043 | 12/02/10  | A1207 Modélisation en électrotechnique.pdf       | 592  |
| 16044 | 16/02/10  | A650 Equations aux dérivées partielles.pdf       | 168  |
| 16045 | 12/02/10  | AF500 Différences finies EDP stationnaires.pdf   | 235  |
| 16046 | 12/02/10  | AF501 Différences finies EDP d'évolution.pdf     | 218  |
| 16047 | 14/02/10  | AF504 Méthode des éléments finis.pdf             | 171  |
| 16048 | 11/02/10  | AF505 Méthode des éléments finis.pdf             | 218  |
| 16049 | 17/02/10  | E3000 Circuits électriques linéaires.pdf         | 2111 |
| 16050 | 14/02/10  | H2550 Validation par méthodes formelles.pdf      | 183  |
| 16051 | 17/02/10  | H3308 Système de calcul formel.pdf               | 353  |
| 16052 | 15/02/10  | H3744 Extraction de connaissances ECD.pdf        | 287  |
| 16053 | 17/02/10  | H3750 CAO modélisation géométrique.pdf           | 269  |
| 16054 | 14/02/10  | R220 Fonctions aléatoires.pdf                    | 257  |
| 16055 | 14/02/10  | R7032 Logique floue.pdf                          | 449  |
| 16056 | 12/02/10  | R7140 Modélisation identification processus.pdf  | 323  |
| 16057 | 14/02/10  | R7240 La fonction logique.pdf                    | 380  |
| 16058 | 14/02/10  | R7428 Température de four par logique floue.pdf  | 188  |
| 16059 | 14/02/10  | R7429 Direction automobile par logique floue.pdf | 328  |
| 16060 | 17/02/10  | R7433 Commande modale - Pilotage avion.pdf       | 117  |
| 16061 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Optique et optronique</b>     |  |      |
| 16062 | 16/11/09  | A1520 Rayonnement des matériaux opaques.pdf      | 929  |
| 16063 | 11/02/10  | A190 Optique géométrique.pdf                     | 424  |

|       |          |   |      |
|-------|----------|---|------|
| 16064 | 11/02/10 | A191 Optique ondulatoire.pdf                      | 624  |
| 16065 | 14/02/10 | AF3271 Lasers ... gaz.pdf                         | 78   |
| 16066 | 16/11/09 | B8215 Rayonnement corps semi transparents.pdf     | 960  |
| 16067 | 18/02/10 | E1955 Acousto-optique.pdf                         | 329  |
| 16068 | 18/02/10 | E1962 Magnéto optique - Applications.pdf          | 271  |
| 16069 | 09/02/10 | E1980 Propriétés optiques des terres rares.pdf    | 187  |
| 16070 | 16/11/09 | E1985 Solitons dans les fibres optiques.pdf       | 234  |
| 16071 | 18/02/10 | E2500 Afficheurs électroluminescents.pdf          | 706  |
| 16072 | 14/02/10 | E3652 Interconnexions optiques.pdf                | 693  |
| 16073 | 17/02/10 | E3937 Connectique optique.pdf                     | 640  |
| 16074 | 11/02/10 | E4000 Optronique introduction.pdf                 | 465  |
| 16075 | 16/11/09 | E4020 Sources laser.pdf                           | 731  |
| 16076 | 17/02/10 | E4040 Conception optique.pdf                      | 953  |
| 16077 | 16/11/09 | E4045 Réflexion réfraction diffraction.pdf        | 627  |
| 16078 | 17/02/10 | E4050 Contrôle des systèmes optiques.pdf          | 951  |
| 16079 | 17/02/10 | E4060 Détecteurs infrarouges.pdf                  | 1425 |
| 16080 | 17/02/10 | E4065 Détecteurs UV visible IR.pdf                | 267  |
| 16081 | 16/11/09 | E4070 Refroidissement détecteurs optos.pdf        | 450  |
| 16082 | 13/11/09 | E4075 Systèmes optroniques conception.pdf         | 165  |
| 16083 | 13/11/09 | E4080 Systèmes infrarouges caractérisation.pdf    | 659  |
| 16084 | 12/02/10 | E4100 Oeil et vision.pdf                          | 323  |
| 16085 | 17/02/10 | E4105 Caméras thermiques.pdf                      | 1498 |
| 16086 | 05/02/10 | E4108 Veille et alerte IR.pdf                     | 548  |
| 16087 | 18/02/10 | E4110 Analyseur de ligne optronique passif.pdf    | 336  |
| 16088 | 14/02/10 | E4112 Reconnaissance par imageurs.pdf             | 448  |
| 16089 | 14/02/10 | E4115 Guidage IR des missiles.pdf                 | 760  |
| 16090 | 14/02/10 | E4122 Intensificateurs de lumière.pdf             | 121  |
| 16091 | 18/02/10 | E4125 Acquisition de signature par optronique.pdf | 226  |
| 16092 | 11/02/10 | E4130 Applications industrielles Infrarouge.pdf   | 888  |
| 16093 | 11/02/10 | E4135 Optronique surveillance TV.pdf              | 388  |
| 16094 | 11/02/10 | E4140 Optronique contrôle attitude.pdf            | 962  |
| 16095 | 17/02/10 | E4200 Communication et guidage laser.pdf          | 259  |
| 16096 | 14/02/10 | E4210 Liaisons spatiales par lasers.pdf           | 145  |
| 16097 | 14/02/10 | E4220 Lasers pour usinage.pdf                     | 332  |
| 16098 | 14/02/10 | E4315 LIDAR détection de pollution.pdf            | 336  |

|       |  |   |      |
|-------|--|---|------|
| 16099 | 18/02/10   | E4320 Anémomètre laser.pdf                            | 152  |
| 16100 | 14/02/10   | E4325 Lidars sous-marins.pdf                          | 233  |
| 16101 | 13/11/09   | E4400 Systèmes optroniques semi-actifs.pdf            | 1123 |
| 16102 | 14/02/10   | E4410 Laser appliqué ... la granulométrie.pdf         | 298  |
| 16103 | 14/02/10   | E4415 Génération et détection optiques élastiques.pdf | 878  |
| 16104 | 17/02/10   | E4500 Calcul optoélectronique.pdf                     | 392  |
| 16105 | 14/02/10   | E5175 La fonction visuelle.pdf                        | 241  |
| 16106 | 16/02/10   | E5450 Disques optiques.pdf                            | 1005 |
| 16107 | 15/02/10   | E7110 Fibres optiques télécom.pdf                     | 170  |
| 16108 | 17/02/10   | E7555 Câble optique sous-marin.pdf                    | 389  |
| 16109 | 17/02/10   | N4techno Détection de gaz par infrarouge.pdf          | 106  |
| 16110 | 17/02/10   | R415 Capteurs ... fibres optiques.pdf                 | 1189 |
| 16111 | 17/02/10   | R6450 Détecteurs de rayonnement optiques.pdf          | 300  |
| 16112 | 12/02/10   | R6710 Microscopie.pdf                                 | 140  |
| 16113 | 12/02/10   | R6712 Microscopie optique.pdf                         | 243  |
| 16114 | 14/11/09   | RE4lab Stockage holographique.pdf                     | 102  |
| 16115 | 12/02/10   | RE7lab Microsources IR mesure des gaz.pdf             | 533  |
| 16116 | 16/11/09   | TE7119 Réseaux optiques passifs.pdf                   | 210  |
| 16117 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Organisation - méthodes - métrologie</b> |   |      |
| 16118 | 17/02/10   | A5090 Cahier des charges fonctionnel.pdf              | 67   |
| 16119 | 12/02/10   | A5210 Méthodes de créativité.pdf                      | 180  |
| 16120 | 14/02/10   | A5310 Ingénierie simultanée.pdf                       | 139  |
| 16121 | 14/02/10   | AG1740 ISO 9000 Version 2000.pdf                      | 118  |
| 16122 | 14/02/10   | AG3150 Management de projet ISO 10006.pdf             | 158  |
| 16123 | 17/02/10   | D1500 Caractérisation et grandeurs de mesure.pdf      | 303  |
| 16124 | 12/02/10   | H7155 Métadonnées et docs numériques.pdf              | 150  |
| 16125 | 04/10/09   | R113 Vocabulaire de la mesure.pdf                     | 314  |
| 16126 | 12/02/10   | R1785 Métrologie temps fréquences.pdf                 | 729  |
| 16127 | 11/02/10   | R275 Plans d expériences.pdf                          | 194  |
| 16128 | 14/02/10   | R285 Incertitudes de mesures et tolérances.pdf        | 139  |
| 16129 | 15/02/10   | R50 Etalons métrologiques fondamentaux.pdf            | 149  |
| 16130 | 14/02/10   | R925 Laboratoire en métrologie optique.pdf            | 273  |
| 16131 | 12/02/10   | R955 Méthode de zéro en continu.pdf                   | 643  |
| 16132 | 12/02/10   | R965 Méthode de zéro en alternatif.pdf                | 788  |
| 16133 | 12/02/10   | RE8lab Métaheuristiques optimisation.pdf              | 197  |

|       |   |   |      |
|-------|---|---|------|
| 16134 | 17/02/10  | T40 Culture technique de l'ingénieur.pdf                  | 311  |
| 16135 | 18/02/10  | T4050 Analyse fonctionnelle d'usage.pdf                   | 229  |
| 16136 | 18/02/10  | T4100 Analyse de la valeur.pdf                            | 307  |
| 16137 | 14/02/10  | T4305 Maintenabilité maintenance.pdf                      | 283  |
| 16138 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Physique (hors magnétisme et nucléaire)</b> |   |      |
| 16139 | 11/02/10  | A1136 Particules et interactions fondamentales.pdf        | 825  |
| 16140 | 13/02/10  | A1870 Mécanique des fluides.pdf                           | 1092 |
| 16141 | 13/02/10  | A196 Mécanique quantique.pdf                              | 674  |
| 16142 | 11/02/10  | AF3520 Physique du noyau de l'atome.pdf                   | 398  |
| 16143 | 13/02/10  | B8165 Ecoulements monodimensionnels.pdf                   | 580  |
| 16144 | 13/02/10  | BE8151 Mécanique des fluides.pdf                          | 149  |
| 16145 | 13/02/10  | BE8153 Mécanique des fluides - Bilans.pdf                 | 176  |
| 16146 | 13/02/10  | BE8155 Mécanique des fluides parfaits.pdf                 | 116  |
| 16147 | 13/02/10  | BE8157 Mécanique des fluides réels.pdf                    | 246  |
| 16148 | 13/02/10  | BE8159 Mécanique des fluides - Analyse dimensionnelle.pdf | 148  |
| 16149 | 13/02/10  | BE8161 Ecoulements en conduites et réseaux.pdf            | 210  |
| 16150 | 20/08/05  | constantes physiques fondamentales k60.pdf                | 894  |
| 16151 | 11/02/10  | E1100 Physique des dispositifs électroniques.pdf          | 1499 |
| 16152 | 13/11/09  | E3080 Théorie de l'information - Concepts.pdf             | 65   |
| 16153 | 13/11/09  | E3082 Théorie de l'information - Maths.pdf                | 259  |
| 16154 | 13/11/09  | E3084 Théorie de l'information - Physique.pdf             | 150  |
| 16155 | 09/02/10  | E3210 Propagation des ondes élastiques.pdf                | 289  |
| 16156 | 09/02/10  | E4030 Propagation rayonnement dans atmosphère.pdf         | 669  |
| 16157 | 09/02/10  | E4035 Propagation rayonnement dans matériaux.pdf          | 201  |
| 16158 | 13/11/09  | H7228 Temps dans les documents.pdf                        | 207  |
| 16159 | 17/02/10  | K60 Constantes physiques fondamentales.pdf                | 138  |
| 16160 | 17/02/10  | K66 Constantes en astronomie.pdf                          | 77   |
| 16161 | 12/02/10  | R1770 Mesure du temps.pdf                                 | 671  |
| 16162 | 12/02/10  | R2345 Mesures géophysiques en mer.pdf                     | 314  |
| 16163 | 16/11/09  | R308 Représentations temps fréquences.pdf                 | 331  |
| 16164 | 14/11/09  | R9282 Squid et leurs applications.pdf                     | 867  |
| 16165 | 09/02/10  | RE6lab Pucés ADN.pdf                                      | 213  |
| 16166 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Physique nucléaire et radiations</b>        |   |      |
| 16167 | 14/02/10  | AF3531 Interactions particules matière - Détecteurs.pdf   | 231  |
| 16168 | 14/02/10  | B3012 Fission nucléaire.pdf                               | 517  |

|       |   |  |      |
|-------|---|--|------|
| 16169 | 12/02/10  | B3014 Neutrons ralentissement et diffusion.pdf   | 231  |
| 16170 | 14/02/10  | BN3485 Electronique de détecteurs.pdf            | 40   |
| 16171 | 13/11/09  | E3950 Tenue des circuits aux RI.pdf              | 207  |
| 16172 | 17/02/10  | K1000 Constantes des spectres atomiques.pdf      | 328  |
| 16173 | 18/02/10  | P2545 Méthodes nucléaires & radioprotection.pdf  | 98   |
| 16174 | 17/02/10  | P2550 Détection et mesure radiations.pdf         | 223  |
| 16175 | 18/02/10  | P2558 Analyse X par particules chargées PIXE.pdf | 330  |
| 16176 | 16/02/10  | P2618 Emission ionique secondaire SIMS.pdf       | 188  |
| 16177 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Radio et radars</b> |  |      |
| 16178 | 17/02/10  | E1400 Circuits passifs hyper - Généralités.pdf   | 30   |
| 16179 | 17/02/10  | E1401 Guides d'ondes métalliques.pdf             | 290  |
| 16180 | 17/02/10  | E1402 Filtres passifs hyper et cavités.pdf       | 261  |
| 16181 | 16/11/09  | E4010 Radiométrie sources non cohérentes.pdf     | 644  |
| 16182 | 16/02/10  | E6105 Emetteurs ... semi-conducteurs.pdf         | 197  |
| 16183 | 16/02/10  | E6115 Emetteurs OC 250 kW.pdf                    | 241  |
| 16184 | 16/02/10  | E6120 Emetteurs DAB.pdf                          | 217  |
| 16185 | 16/02/10  | E6151 Emetteurs FM.pdf                           | 733  |
| 16186 | 16/02/10  | E6155 Emetteurs terrestres TV linéaires.pdf      | 610  |
| 16187 | 16/11/09  | E6205 Récepteurs radio conception.pdf            | 507  |
| 16188 | 16/11/09  | E6220 Récepteurs radio de mesure.pdf             | 157  |
| 16189 | 14/02/10  | E6230 Liaisons hautes fréquences.pdf             | 205  |
| 16190 | 14/02/10  | E6240 Liaisons VHF UHF.pdf                       | 273  |
| 16191 | 13/11/09  | E6250 Télécoms en millimétrique.pdf              | 241  |
| 16192 | 16/11/09  | E6425 Récepteurs radio accessoires.pdf           | 256  |
| 16193 | 16/11/09  | E6650 Radars principes.pdf                       | 942  |
| 16194 | 16/11/09  | E6655 Radars paramètres de détection.pdf         | 324  |
| 16195 | 16/11/09  | E6660 Radars concepts fonctionnalités.pdf        | 1141 |
| 16196 | 16/11/09  | E6850 Radioastronomie.pdf                        | 599  |
| 16197 | 16/11/09  | E6890 Radiosurveillance du spectre.pdf           | 709  |
| 16198 | 14/02/10  | E7040 Fréquences radio - Gestion du spectre.pdf  | 149  |
| 16199 | 16/11/09  | E7330 Radiocommunications personnelles.pdf       | 605  |
| 16200 | 15/02/10  | E7520 Faisceaux hertziens.pdf                    | 1415 |
| 16201 | 13/11/09  | E7560 Télécoms par satellite.pdf                 | 1839 |
| 16202 | 14/02/10  | R1384 GPS positionnement et surveillance.pdf     | 111  |
| 16203 | 13/11/09  | TE6145 Système DRM.pdf                           | 776  |

|       |   |  |      |
|-------|---|--|------|
| 16204 | 16/02/10  | TE6207 Conception émetteurs radio.pdf              | 134  |
| 16205 | 16/11/09  | TE6500 Radioamateurs.pdf                           | 277  |
| 16206 | 14/02/10  | TE6715 GPS positionnement par satellite.pdf        | 333  |
| 16207 | 14/02/10  | TE6720 GPS Applications.pdf                        | 93   |
| 16208 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Réseaux cellulaires</b>               |  |      |
| 16209 | 16/11/09  | E7360 Réseaux cellulaires introduction.pdf         | 94   |
| 16210 | 16/11/09  | E7361 Réseaux cellulaires analogiques.pdf          | 121  |
| 16211 | 16/11/09  | E7362 Réseaux cellulaires radiocom 2000.pdf        | 103  |
| 16212 | 16/11/09  | E7364 Réseaux cellulaires GSM.pdf                  | 312  |
| 16213 | 16/11/09  | E7366 Réseaux cellulaires CDMA.pdf                 | 195  |
| 16214 | 16/11/09  | TE7368 Réseaux cellulaires UMTS .pdf               | 251  |
| 16215 | 16/11/09  | TE7375 Réseaux cellulaires IEEE802-11.pdf          | 115  |
| 16216 | 16/11/09  | TE7490 Réseaux télécom militaires.pdf              | 127  |
| 16217 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Réseaux électriques</b>               |  |      |
| 16218 | 16/11/09  | D4120 Simulation des réseaux électriques.pdf       | 258  |
| 16219 | 16/11/09  | D4200 Réseaux distribution EDF.pdf                 | 52   |
| 16220 | 16/11/09  | D4210 Réseaux distribution structure.pdf           | 751  |
| 16221 | 16/11/09  | D4220 Réseaux distribution conception.pdf          | 735  |
| 16222 | 16/11/09  | D4230 Réseaux distribution exploitation.pdf        | 594  |
| 16223 | 16/11/09  | D4240 réseaux distribution exploitation.pdf        | 195  |
| 16224 | 08/02/10  | D4261 Qualité de la tension introduction.pdf       | 74   |
| 16225 | 09/02/10  | D4262 Qualité tension creux et coupures brèves.pdf | 143  |
| 16226 | 09/02/10  | D4263 Qualité tension fluctuation et flicker.pdf   | 189  |
| 16227 | 09/02/10  | D4264 Qualité de la tension harmoniques.pdf        | 124  |
| 16228 | 16/02/10  | D4440 Effet couronne.pdf                           | 301  |
| 16229 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Réseaux locaux, lignes et télécom</b> |  |      |
| 16230 | 16/11/09  | D4090 Réseaux interconnexion réglage.pdf           | 511  |
| 16231 | 20/08/05  | E3050 Lignes de transmission.pdf                   | 488  |
| 16232 | 14/02/10  | E3055 Lignes de transmissions & systèmes.pdf       | 356  |
| 16233 | 11/02/10  | E7020 Organisations internationales télécoms.pdf   | 212  |
| 16234 | 04/10/09  | E7100 Transmissions signaux numériques.pdf         | 1532 |
| 16235 | 09/02/10  | E7150 Protocoles de transmissions de données.pdf   | 373  |
| 16236 | 16/11/09  | E7180 Réseaux ATM.pdf                              | 216  |
| 16237 | 12/02/10  | E7215 Minitel.pdf                                  | 186  |
| 16238 | 16/11/09  | E7320 Réseau intelligent.pdf                       | 27   |



|       |   |  |      |
|-------|---|--|------|
| 16239 | 12/02/10  | E7500 Multiplexage numérique.pdf               | 827  |
| 16240 | 17/02/10  | E7550 Câble sous-marin de télécom.pdf          | 306  |
| 16241 | 18/02/10  | E7580 Autocommutateurs publics.pdf             | 1168 |
| 16242 | 12/02/10  | E7620 Modems et réseaux données.pdf            | 698  |
| 16243 | 13/11/09  | E7650 Télécopie.pdf                            | 48   |
| 16244 | 18/02/10  | H1028 BUS PCI et compact PCI.pdf               | 178  |
| 16245 | 16/11/09  | H1418 Réseaux locaux.pdf                       | 161  |
| 16246 | 04/10/09  | R390 Transmissions de signaux sur lignes.pdf   | 883  |
| 16247 | 16/11/09  | R7574 Réseaux locaux industriels.pdf           | 334  |
| 16248 | 17/02/10  | S8140 Bus CAN.pdf                              | 226  |
| 16249 | 16/11/09  | S8160 Réseau Profibus.pdf                      | 237  |
| 16250 | 17/02/10  | S8590 Communication avec les périphériques.pdf | 248  |
| 16251 | 16/11/09  | TE7105 Réseau d'accès ... haut débit.pdf       | 159  |
| 16252 | 04/10/09  | TE7115 Transmissions sur fibre optique.pdf     | 173  |
| 16253 | 13/11/09  | TE7610 Terminaux téléphoniques.pdf             | 34   |
| 16254 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Robotique &amp; automatique</b>   |  |      |
| 16255 | 18/02/10  | A1370 Automatique et systèmes.pdf              | 317  |
| 16256 | 16/11/09  | R7700 Robots définitions.pdf                   | 241  |
| 16257 | 16/11/09  | R7710 Robots parallèles.pdf                    | 451  |
| 16258 | 16/11/09  | R7720 Programmation des robots.pdf             | 199  |
| 16259 | 16/11/09  | R7734 Robots & réalité virtuelle.pdf           | 428  |
| 16260 | 16/11/09  | R7735 Robotique simulation hors ligne.pdf      | 184  |
| 16261 | 16/11/09  | R7749 Vision 2D en robotique.pdf               | 393  |
| 16262 | 16/11/09  | R7760 Actionneurs en robotique.pdf             | 676  |
| 16263 | 16/11/09  | S7852 Localisation des robots mobiles.pdf      | 270  |
| 16264 | 16/11/09  | S7854 Robots mobiles miniatures.pdf            | 409  |
| 16265 | 18/02/10  | S8015 Automates programmables industriels.pdf  | 121  |
| 16266 | 12/02/10  | S8190 Micro informatique industrielle.pdf      | 272  |
| 16267 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Sécurité - sureté - fiabilité</b> |  |      |
| 16268 | 15/02/10  | D2070 Feu dans le matériel électrique.pdf      | 207  |
| 16269 | 04/10/09  | D4140 Travaux sous tension.pdf                 | 378  |
| 16270 | 15/02/10  | E1420 Fiabilité en électronique.pdf            | 1339 |
| 16271 | 11/02/10  | E6450 Procédés de chiffrement.pdf              | 116  |
| 16272 | 15/02/10  | T4300 Fiabilité - Maintenabilité.pdf           | 884  |
| 16273 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Spectrométrie</b>                 |  |      |

|       |  |   |      |
|-------|--|---|------|
| 16274 | 16/11/09   | P2620 Spectroscopie Auger.pdf                           | 902  |
| 16275 | 16/11/09   | P2635 Pertes d'énergie des électrons.pdf                | 1335 |
| 16276 | 16/11/09   | P2655 Spectres atomiques - théorie.pdf                  | 228  |
| 16277 | 16/11/09   | P2656 Spectres moléculaires - théorie.pdf               | 237  |
| 16278 | 16/11/09   | P2685 Spectrométrie des rayonnements EM.pdf             | 205  |
| 16279 | 16/11/09   | P2695 Spectrométrie RX & fluorescence X.pdf             | 251  |
| 16280 | 16/11/09   | P2715 Spectroscopie décharge luminescente.pdf           | 218  |
| 16281 | 16/11/09   | P2865 Spectrométrie RAMAN.pdf                           | 364  |
| 16282 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Statistique et probabilités</b>      |   |      |
| 16283 | 17/02/10   | A560 Calcul des probabilités - Concepts.pdf             | 435  |
| 16284 | 11/02/10   | AF165 Probabilités présentation.pdf                     | 79   |
| 16285 | 11/02/10   | AF166 Probabilités concepts fondamentaux.pdf            | 276  |
| 16286 | 14/11/09   | AF167 Statistique descriptive traitement de données.pdf | 164  |
| 16287 | 12/02/10   | R240 Observation statistique.pdf                        | 480  |
| 16288 | 18/02/10   | R260 Variance et régression - Plans d'expérience.pdf    | 381  |
| 16289 | 13/11/09   | R270 Tables statistiques.pdf                            | 476  |
| 16290 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Stockage et archivage</b>            |   |      |
| 16291 | 11/02/10   | H1258 Périphériques stockage.pdf                        | 376  |
| 16292 | 14/11/09   | H1300 Stockage données en réseau SAN.pdf                | 592  |
| 16293 | 18/02/10   | H2818 Annuaire standardisés.pdf                         | 248  |
| 16294 | 18/02/10   | H7278 Archivage de données.pdf                          | 222  |
| 16295 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Synthèse de signaux &amp; images</b> |   |      |
| 16296 | 16/02/10   | E2520 Ecrans ... cristaux liquides - LCD.pdf            | 155  |
| 16297 | 14/11/09   | E330 Synthèse de fréquence.pdf                          | 156  |
| 16298 | 14/11/09   | E5530 Synthèse images.pdf                               | 884  |
| 16299 | 16/02/10   | E5660 Ecrans plats.pdf                                  | 1124 |
| 16300 | 14/11/09   | H1960 Synthèse parole depuis texte.pdf                  | 444  |
| 16301 | 14/11/09   | H3748 Synthèse images.pdf                               | 364  |
| 16302 | 14/02/10   | RE5lab Imagerie RAMAN.pdf                               | 217  |
| 16303 | 12/02/10   | TE5215 Ondelletes et applications.pdf                   | 375  |
| 16304 | 14/02/10   | TE5230 Fusion en traitement d'images.pdf                | 223  |
| 16305 | 11/02/10   | TE5235 Problèmes inverses en traitement d'images.pdf    | 386  |
| 16306 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Systemes et architectures</b>        |   |      |
| 16307 | 16/11/09   | CR7540 Régulation électromécanique.pdf                  | 587  |
| 16308 | 12/02/10   | E2305 Microsystèmes.pdf                                 | 375  |

|       |   |   |      |
|-------|---|---|------|
| 16309 | 18/02/10  | H1008 Architecture PC WINDOWS INTEL.pdf           | 137  |
| 16310 | 18/02/10  | H1058 Architecture ordinateurs - Evolution.pdf    | 113  |
| 16311 | 18/02/10  | H1088 Introduction au parallélisme.pdf            | 127  |
| 16312 | 18/02/10  | H1100 Architecture ordinateurs - Parallélisme.pdf | 216  |
| 16313 | 13/11/09  | H1518 Systèmes exploitation ordinateurs.pdf       | 110  |
| 16314 | 05/02/10  | H1528 UNIX.pdf                                    | 452  |
| 16315 | 14/02/10  | H1538 Système LINUX.pdf                           | 559  |
| 16316 | 04/10/09  | H1556 Système Windows 2000.pdf                    | 1097 |
| 16317 | 11/02/10  | H1558 OS2.pdf                                     | 307  |
| 16318 | 14/02/10  | H1568 Linux temps réel RT.pdf                     | 160  |
| 16319 | 16/11/09  | H1990 Réseaux de neurones.pdf                     | 309  |
| 16320 | 13/11/09  | H2508 Systèmes ... haute disponibilité.pdf        | 103  |
| 16321 | 13/11/09  | H2509 Haute disponibilité - Solutions.pdf         | 488  |
| 16322 | 13/11/09  | H2918 Gestion bases de données.pdf                | 1008 |
| 16323 | 13/11/09  | H3100 Systèmes exploitation - Principes.pdf       | 803  |
| 16324 | 16/11/09  | H3128 SQL Bases de données.pdf                    | 125  |
| 16325 | 13/11/09  | H3740 Systèmes ... connaissances.pdf              | 122  |
| 16326 | 13/11/09  | H5170 Systèmes d information conception.pdf       | 553  |
| 16327 | 16/11/09  | H7138 SGML.pdf                                    | 144  |
| 16328 | 16/11/09  | R7130 Représentation d un système.pdf             | 184  |
| 16329 | 13/11/09  | R7135 Connaissance d'un système.pdf               | 305  |
| 16330 | 14/11/09  | R7180 Système échantillonné en fréquentiel.pdf    | 604  |
| 16331 | 14/11/09  | R7200 Système asservi performances.pdf            | 837  |
| 16332 | 13/11/09  | R7220 Systèmes multi entrées multi sorties.pdf    | 1463 |
| 16333 | 16/11/09  | R7252 Réseaux de Petri.pdf                        | 479  |
| 16334 | 13/11/09  | R8050 Systèmes d exploitation temps réel.pdf      | 183  |
| 16335 | 13/11/09  | R8052 Systèmes exploitation temps réel.pdf        | 84   |
| 16336 | 16/11/09  | S7254 Réseaux de Petri applications.pdf           | 129  |
| 16337 | 16/11/09  | S7582 Régulation réseaux neurones.pdf             | 272  |
| 16338 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Thermique et énergies</b> |   |      |
| 16339 | 14/02/10  | A1755 Combustible - Gaz naturel.pdf               | 559  |
| 16340 | 16/02/10  | B2015 Données climatiques pour le bâtiment.pdf    | 1171 |
| 16341 | 16/02/10  | B8585 Energie éolienne.pdf                        | 633  |
| 16342 | 17/02/10  | BE8040 Diagrammes thermodynamiques.pdf            | 168  |
| 16343 | 05/02/10  | BE8200 Transmission thermique conduction.pdf      | 282  |

|       |   |   |      |
|-------|---|---|------|
| 16344 | 16/02/10  | BE8590 Energie géothermique.pdf                       | 472  |
| 16345 | 16/02/10  | E3952 Dissipation thermique des électroniques.pdf     | 210  |
| 16346 | <b>Livres, journaux &amp; Bulletins\Techniques de l'ingénieur\Traitement du signal &amp; codage</b> |   |      |
| 16347 | 16/11/09  | AF141 Séries de Fourier.pdf                           | 231  |
| 16348 | 18/02/10  | AF4510 Théorie des ondelettes.pdf                     | 159  |
| 16349 | 18/02/10  | AF4511 Analyse temps fréquence - Ondelettes.pdf       | 234  |
| 16350 | 17/02/10  | E3070 Compression d'images statiques - dynamiques.pdf | 528  |
| 16351 | 13/11/09  | E3087 Traitement numérique du signal.pdf              | 366  |
| 16352 | 12/02/10  | E3450 Modulation démodulation.pdf                     | 1017 |
| 16353 | 17/02/10  | E3650 Conversion A-N et N-A.pdf                       | 1084 |
| 16354 | 17/02/10  | E5340 Compression de données ou images.pdf            | 506  |
| 16355 | 17/02/10  | E6125 Contre-contre mesures électroniques CCME.pdf    | 319  |
| 16356 | 16/11/09  | H1348 Reconnaissance de l'imprimé.pdf                 | 319  |
| 16357 | 16/11/09  | H1358 Reconnaissance écriture manuscrite.pdf          | 220  |
| 16358 | 18/02/10  | H3608 Images - Traitements de bas niveau.pdf          | 539  |
| 16359 | 16/11/09  | H3728 Reconnaissance parole.pdf                       | 483  |
| 16360 | 17/02/10  | H7008 Codage des caractères.pdf                       | 205  |
| 16361 | 16/11/09  | H7020 Reconnaissance d'images.pdf                     | 374  |
| 16362 | 11/02/10  | R1102 Pratique du filtrage analogique.pdf             | 710  |
| 16363 | 11/02/10  | R1105 Pratique du filtrage numérique.pdf              | 680  |
| 16364 | 18/02/10  | R1156 Analyseurs de Fourier.pdf                       | 593  |
| 16365 | 11/02/10  | R300 Paramètres caractéristiques du signal.pdf        | 588  |
| 16366 | 13/11/09  | R305 Traitement des signaux.pdf                       | 923  |
| 16367 | 17/02/10  | R380 Codage information - Modulation signaux.pdf      | 527  |
| 16368 | 13/11/09  | R7010 Systèmes & signaux déterministes.pdf            | 3671 |
| 16369 | 16/11/09  | R7030 Signaux aléatoires.pdf                          | 137  |
| 16370 | 12/02/10  | R7031 Traitement du signal bruité.pdf                 | 379  |
| 16371 | 13/11/09  | R7150 Analyse temporelle.pdf                          | 469  |
| 16372 | 13/11/09  | R7160 Analyse de phase.pdf                            | 644  |
| 16373 | 13/11/09  | R7170 Analyse fréquentielle.pdf                       | 1015 |
| 16374 | 17/02/10  | R7405 Principes généraux de correction.pdf            | 271  |
| 16375 | 17/02/10  | R7410 Correction fréquentielle analogique.pdf         | 608  |
| 16376 | 17/02/10  | R7417 Correcteurs numériques.pdf                      | 149  |
| 16377 | 17/02/10  | R7420 Synthèse de correcteurs numériques.pdf          | 482  |
| 16378 | 17/02/10  | R7427 Commande optimale.pdf                           | 293  |

|       |          |  |     |
|-------|----------|--|-----|
| 16379 | 18/02/10 | TE5240 Analyses temps-fréquences.pdf     | 769 |
| 16380 | 16/11/09 | TE5250 Séparation aveugle de sources.pdf | 254 |

16381

16382 **Marine & Militaire**

16383

|       |          |  |      |
|-------|----------|--|------|
| 16384 | 09/10/12 | Complex Navy Ship Environment.pdf                    | 384  |
| 16385 | 20/08/09 | EM Environment of a Shipboard Cabin.pdf              | 169  |
| 16386 | 23/08/06 | EMC Analysis & Identification.pdf                    | 886  |
| 16387 | 24/08/06 | EMC Analysis in marine VHF Band.pdf                  | 815  |
| 16388 | 01/01/09 | Functional Safety in the Marine Industry.pdf         | 56   |
| 16389 | 23/11/13 | HF EMI-EMC Analysis Methodology for Ships.pdf        | 947  |
| 16390 | 21/11/14 | Military Control of Electromagnetic Interference.pdf | 4450 |
| 16391 | 27/10/12 | Modèles en hydraulique et en hydrologie.pdf          | 638  |
| 16392 | 27/10/12 | Modèles en hydraulique maritime.pdf                  | 323  |
| 16393 | 27/10/12 | Modèles hydrauliques fluviaux.pdf                    | 716  |
| 16394 | 22/02/11 | Modern Vessels and their EMC Problems.pdf            | 469  |
| 16395 | 24/08/09 | Navy Shipboard EM Environments.pdf                   | 1104 |
| 16396 | 22/02/11 | Off-Hull RFI in Below-Deck Spaces.pdf                | 239  |
| 16397 | 06/10/14 | RF Propagation in Below-Deck Ship Spaces.pdf         | 408  |
| 16398 | 24/08/09 | Shipboard Wireless Installation Issues.pdf           | 1616 |
| 16399 | 22/05/05 | Ships power quality.pdf                              | 130  |
| 16400 | 25/08/09 | Wireless EM Environmental Effects & Challenges.pdf   | 532  |

16401

16402 **Matériaux**

16403

16404 **Matériaux\Aciers\Acier**

|       |          |   |      |
|-------|----------|---|------|
| 16405 | 10/03/09 | 95-23 I2_2004 Ferrous Forgings.pdf              | 107  |
| 16406 | 10/03/09 | 95-24 I3_2004 Steel 3-160 mm.pdf                | 132  |
| 16407 | 10/03/09 | 95-25 I2_2004 Armour Steel Castings.pdf         | 169  |
| 16408 | 03/08/13 | Contrôle de dureté par bruit Barkhausen.pdf     | 181  |
| 16409 | 11/06/10 | M175-Fragilisation des aciers par hydrogene.pdf | 673  |
| 16410 | 06/04/15 | Trempe de l'acier par induction.pdf             | 3653 |

16411

16412 **Matériaux\Aciers\Acier inox**

|       |          |                              |     |
|-------|----------|------------------------------|-----|
| 16412 | 10/08/12 | Affinage des aciers inox.pdf | 196 |
|-------|----------|------------------------------|-----|

|       |  |  |      |
|-------|--|--|------|
| 16413 | 07/01/16                                   | APERAM - Inox ferritiques.pdf  | 277  |
| 16414 | 01/11/08                                   | Comparison of Stainless Steel Standard.pdf   | 154  |
| 16415 | 02/11/08                                   | Conception en acier inox Ed3.pdf   | 586  |
| 16416 | 01/11/08                                   | Corrosion Resistant Alloy.pdf  | 490  |
| 16417 | 10/08/12                                   | Critères de choix et structure des inox.pdf  | 207  |
| 16418 | 10/08/12                                   | Données numériques sur les inox.pdf  | 286  |
| 16419 | 10/08/12                                   | Fabrication des aciers inoxydables.pdf   | 300  |
| 16420 | 10/08/12                                   | Guide de choix des traitements thermiques.pdf  | 95   |
| 16421 | 10/08/12                                   | Mise en oeuvre des inox.pdf  | 336  |
| 16422 | 19/05/09                                   | Nuances d'inox.pdf   | 75   |
| 16423 | 05/02/15                                   | Principales nuances d'acier inox.pdf   | 142  |
| 16424 | 10/08/12                                   | Résistance ... la corrosion des inox.pdf   | 337  |
| 16425 | 22/02/12                                   | Stainless Steel - Ferritic Solution.pdf  | 3237 |
| 16426 | 01/11/08                                   | Stainless Steel Choice.pdf   | 103  |
| 16427 | 01/11/08                                   | Stainless Steel Design Guidelines.pdf  | 888  |
| 16428 | 01/11/08                                   | Stainless Steel Design Manual.pdf  | 538  |
| 16429 | 01/11/08                                   | Stainless Steel Manual Commentary.pdf  | 476  |
| 16430 | 01/11/08                                   | Stainless Steel Material Selection.pdf   | 1540 |
| 16431 | 22/02/12                                   | The Stainless Steel Family.pdf   | 122  |
| 16432 | 10/08/12                                   | Traitements thermiques des inox.pdf  | 1165 |
| 16433 | 10/08/12                                   | Usinabilité des aciers inoxydables.pdf   | 464  |
| 16434 | <b>Matériaux\Aciers\Alliages de nickel</b> |  |      |
| 16435 | 10/11/10                                   | Alliages de nickel.png   | 60   |
| 16436 | 10/11/10                                   | Mu-metal - Wikipedia.pdf   | 172  |
| 16437 | 10/11/10                                   | Mumetal_Permimphy_Fr.pdf   | 161  |
| 16438 | <b>Matériaux\Aciers\ASTM</b>               |  |      |
| 16439 | 25/08/15                                   | Carbon and Alloy Steels.ppt  | 3012 |
| 16440 | 11/11/08                                   | A 182A 182M-01a Forged or Rolled Alloy-Steel Flanges.pdf   | 75   |
| 16441 | 11/11/08                                   | A 193A 193M-01b Alloy-Steel for High-Temperature.pdf   | 70   |
| 16442 | 11/11/08                                   | A 194A 194M - Alloy Steel Nuts for High Pressure Bolts.pdf                                       | 75   |
| 16443 | 11/11/08                                   | A 199A 199M-92 Seamless Cold Tubes.pdf   | 254  |
| 16444 | 11/11/08                                   | A 216A 216M Steel Castings For High Temperature.pdf  | 188  |
| 16445 | 01/03/08                                   | A 217A 217M Steel Castings Martensitic.PDF   | 27   |
| 16446 | 11/11/08                                   | A 240A 240M-01 Heat-Resisting Chromium Stainless.pdf   | 53   |
| 16447 | 01/03/08                                   | A 249A 249M Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes.PDF | 69   |

|       |          |   |     |
|-------|----------|---|-----|
| 16448 | 01/03/08 | A 268A 268M - 01 Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General .PDF | 48  |
| 16449 | 01/03/08 | A 278A 278M - 01 Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 350(°).PDF   | 47  |
| 16450 | 01/03/08 | A 311A 311M Cold-Drawn Stress Relieved Carbon Steel Bars.PDF  | 35  |
| 16451 | 01/03/08 | A 350A 350M Carbon and Low Alloy Steel Forgings.PDF   | 74  |
| 16452 | 01/03/08 | A 351A 351M - 00 Castings, Austenitic, Austenitic-Ferritic (Duplex), for Pressure-Containing Par.pdf  | 261 |
| 16453 | 01/03/08 | A 353A 353M Pressure Vessel Plates Alloy Steel.PDF  | 21  |
| 16454 | 01/03/08 | A 358A 358M Electric Fusion Welded Austenitic Chromium.PDF  | 50  |
| 16455 | 01/03/08 | A 389A 389M Steel Castings, Alloy.PDF   | 28  |
| 16456 | 01/03/08 | A 395A 395M - 99 Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temp.PDF       | 126 |
| 16457 | 01/03/08 | A 453A 453M High Temperature Bolting Materials with Expansion Coefficients.PDF                        | 47  |
| 16458 | 01/03/08 | A 508A 508M Quenched and Tempered Vacuum Treated Carbon and Alloy Steel.PDF                           | 44  |
| 16459 | 01/03/08 | A 514A 514M - 00a High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Weld.PDF | 30  |
| 16460 | 01/03/08 | A 515A 515M - 01 Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature S.PDF | 201 |
| 16461 | 01/03/08 | A 553A 553M Pressure Vessel Plates.PDF  | 29  |
| 16462 | 01/03/08 | A 890 Casting- Iron Chromium Nickel Molybdenum Corrosion Resistant for General Application.PDF        | 289 |
| 16463 | 01/03/08 | ASTM A 105 Carbon Steel Forgings For Piping Applications.pdf  | 366 |
| 16464 | 11/11/08 | ASTM A 106 Seamless Carbon Steel Pipe.pdf   | 922 |
| 16465 | 01/03/08 | ASTM A 123 Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.pdf                          | 173 |
| 16466 | 01/03/08 | ASTM A 193 Alloy-Steel and Stainless Steel Bolting Materials for High Temperature Service.pdf         | 868 |
| 16467 | 01/03/08 | ASTM A 265 Nickel and Nickel-Base Alloy-Clad Steel Plate.pdf  | 418 |
| 16468 | 01/03/08 | ASTM A 266 Carbon Steel Forgings for Pressure Vessel Components.pdf                                   | 332 |
| 16469 | 01/03/08 | ASTM A 307 Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength.pdf                              | 514 |
| 16470 | 01/03/08 | ASTM A 320A 320M Alloy Steel Bolting Materials for Low-Temperature Service.pdf                        | 587 |
| 16471 | 01/03/08 | ASTM A 387 Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum.pdf                               | 62  |
| 16472 | 01/03/08 | ASTM A 403 A403M Wrought Austenitic Stainless Steel Piping Fittings.pdf                               | 50  |
| 16473 | 01/03/08 | ASTM A 53 Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless.pdf                     | 153 |
| 16474 | 01/03/08 | ASTM A 536 Ductile Iron Castings.pdf  | 73  |
| 16475 | 01/03/08 | ASTM A 694 A694M - Standard Specification for carbon and Alloy Steel Forgings for Pipe Flanges .pdf   | 257 |
| 16476 | 01/03/08 | ASTM A 707 Forged Carbon and Alloy Steel Flanges for Low Temperature Service.pdf                      | 388 |
| 16477 | 01/03/08 | ASTM A 714 High-Strength Low-Alloy Welded and Seamless Steel Pipe.pdf                                 | 61  |
| 16478 | 01/03/08 | ASTM A 90-Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc .pdf | 42  |
| 16479 | 01/03/08 | ASTM A-105 A105M Carbon Steel Forgings for Piping Applications.pdf                                    | 36  |
| 16480 | 01/03/08 | ASTM A-106 Seamless Carbon Steel Pipe for High-Temperature Service.pdf                                | 96  |
| 16481 | 01/03/08 | ASTM A-125 Steel Springs, Helical, Heat-Treated.pdf   | 61  |
| 16482 | 01/03/08 | ASTM A-126 Gray Iron Castings for Valves, Flanges, and Pipe Fittings.pdf                              | 41  |

|       |          |   |     |
|-------|----------|---|-----|
| 16483 | 01/03/08 | ASTM A-134 Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over).pdf                  | 39  |
| 16484 | 01/03/08 | ASTM A-135 Electric-Resistance-Welded Steel Pipe.pdf  | 59  |
| 16485 | 01/03/08 | ASTM A-139 Electric-Fusion (Arc)-Welded Steel Pipe (NPS 4 and Over).pdf                           | 64  |
| 16486 | 01/03/08 | ASTM A153 Zinc Coating (Hot-Dip) on Iron and Steel Hardware.pdf                                   | 343 |
| 16487 | 01/03/08 | ASTM A167 Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.pdf          | 19  |
| 16488 | 01/03/08 | ASTM A-179 A-179M Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes.pdf     | 25  |
| 16489 | 01/03/08 | ASTM A-181 A-181M Carbon Steel Forgings, for General-Purpose Piping.pdf                           | 25  |
| 16490 | 01/03/08 | ASTM A-192 A-192M Seamless Carbon Steel Boiler Tubes for High-Pressure Service.pdf                | 25  |
| 16491 | 01/03/08 | ASTM A-197 A-197M Cupola Malleable Iron.pdf   | 42  |
| 16492 | 01/03/08 | ASTM A20 A20M (2001)-Std SpecS for Gen. Req. for Steel Plates for Press Vessels.pdf               | 259 |
| 16493 | 01/03/08 | ASTM A202 A202M Pressure Vessel Plates, Alloy Steel, Chromium-Manganese- Silicon.pdf              | 17  |
| 16494 | 01/03/08 | ASTM A203 A203M Pressure Vessel Plates, Alloy Steel, Nickel.pdf                                   | 24  |
| 16495 | 01/03/08 | ASTM A204 A204M Pressure Vessel Plates, Alloy Steel, Molybdenum.pdf                               | 20  |
| 16496 | 01/03/08 | ASTM A210 A210M Seamless Medium-Carbon Steel Boiler and Superheater Tubes.pdf                     | 31  |
| 16497 | 01/03/08 | ASTM A-210 A-210M Seamless Medium-Carbon Steel Boiler and Superheater Tubes.pdf                   | 31  |
| 16498 | 01/03/08 | ASTM A-214 Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes.pdf         | 21  |
| 16499 | 01/03/08 | ASTM A-216M Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service.pdf | 24  |
| 16500 | 01/03/08 | ASTM A-225M Pressure Vessel Plates, Alloy Steel, Manganese-Vanadium-Nickel.pdf                    | 18  |
| 16501 | 01/03/08 | ASTM A-226M Weld Carbon Steel Boiler and Superheater Tubes for High-Pressure Service.pdf          | 169 |
| 16502 | 01/03/08 | ASTM A-229M Steel Wire, Oil-Tempered for Mechanical Springs.pdf                                   | 35  |
| 16503 | 01/03/08 | ASTM A242 A242M High-Strength Low-Alloy Structural Steel.pdf                                      | 28  |
| 16504 | 01/03/08 | ASTM A250 A250M Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes.pdf  | 30  |
| 16505 | 01/03/08 | ASTM A254 Copper-Brazed Steel Tubing.pdf  | 40  |
| 16506 | 01/03/08 | ASTM A263 Corrosion-Resisting Chromium Steel-Clad Plate, Sheet, and Strip.pdf                     | 80  |
| 16507 | 01/03/08 | ASTM A264 Stainless Chromium-Nickel Steel-Clad Plate, Sheet, and Strip.pdf                        | 88  |
| 16508 | 01/03/08 | ASTM A265 Nickel and Nickel-Base Alloy-Clad Steel Plate.pdf                                       | 59  |
| 16509 | 01/03/08 | ASTM A269 Seamless and Welded Austenitic Stainless Steel Tubing for General Service.pdf           | 39  |
| 16510 | 01/03/08 | ASTM A276 Stainless Steel Bars and Shapes.pdf   | 382 |
| 16511 | 01/03/08 | ASTM A283 A283M Low and Intermediate Tensile Strength Carbon Steel Plates.pdf                     | 17  |
| 16512 | 01/03/08 | ASTM A283 Low and Intermediate Tensile Strength Carbon Steel Plates.pdf                           | 17  |
| 16513 | 01/03/08 | ASTM A285 A285M Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength.pdf  | 30  |
| 16514 | 01/03/08 | ASTM A299 A299M Pressure Vessel Plates, Carbon Steel, Manganese-Silicon.pdf                       | 24  |
| 16515 | 01/03/08 | ASTM A307 Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength.pdf                           | 66  |
| 16516 | 01/03/08 | ASTM A312 A312M Seamless and Welded Austenitic Stainless Steel Pipes.pdf                          | 82  |
| 16517 | 01/03/08 | ASTM A312 Seamless and Welded Austenitic Stainless Steel Pipes.pdf                                | 97  |



|       |          |   |      |
|-------|----------|---|------|
| 16518 | 01/03/08 | ASTM A320 A320M AlloySteel Bolting Materials for Low-Temperature Service.pdf                          | 51   |
| 16519 | 01/03/08 | ASTM A322 Steel Bars, Alloy, Standard Grades.pdf  | 34   |
| 16520 | 01/03/08 | ASTM A325 Structural Bolts Steel, Heat Treated, 120105 ksi Minimum Tensile Strength.pdf               | 51   |
| 16521 | 01/03/08 | ASTM A333 A333M Seamless and Welded Steel Pipe for Low-Temperature Service.pdf                        | 69   |
| 16522 | 01/03/08 | ASTM A334 A334M Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service.pdf      | 42   |
| 16523 | 01/03/08 | ASTM A335 A335M Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service.pdf                   | 60   |
| 16524 | 01/03/08 | ASTM A354 Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners.pdf | 102  |
| 16525 | 01/03/08 | ASTM A36 A36M Carbon Structural Steel.pdf   | 30   |
| 16526 | 01/03/08 | ASTM A370A Standard Test Methods and Definitions for Mechanical Testing of Steel Products .pdf        | 3671 |
| 16527 | 01/03/08 | ASTM A376 A376M Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service.pdf       | 73   |
| 16528 | 01/03/08 | ASTM A377 Index of Specifications for Ductile-Iron Pressure Pipe.pdf                                  | 12   |
| 16529 | 01/03/08 | ASTM A381 Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems.pdf             | 58   |
| 16530 | 01/03/08 | ASTM A387 A387M Pressure Vessel Plates, Alloy Steel, Chromium- Molybdenum.pdf                         | 51   |
| 16531 | 01/03/08 | ASTM A395 Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures.pdf      | 126  |
| 16532 | 01/03/08 | ASTM A403 A403M Wrought Austenitic Stainless Steel Piping Fittings.pdf                                | 63   |
| 16533 | 01/03/08 | ASTM A426 Centrifugally Cast Ferritic Alloy Steel Pipe for High- Temperature Service.pdf              | 32   |
| 16534 | 01/03/08 | ASTM A430 A430M Austenitic Steel Forged and Bored Pipe for High-Temperature Service.pdf               | 782  |
| 16535 | 01/03/08 | ASTM A449 Quenched and Tempered Steel Bolts and Studs.pdf   | 53   |
| 16536 | 01/03/08 | ASTM A451 Centrifugally Cast Austenitic Steel Pipe for High- Temperature Service.pdf                  | 31   |
| 16537 | 01/03/08 | ASTM A47 A47M Ferritic Malleable Iron Castings.pdf  | 51   |
| 16538 | 01/03/08 | ASTM A479 A479M Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels.pdf     | 50   |
| 16539 | 01/03/08 | ASTM A479 Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels.pdf           | 68   |
| 16540 | 01/03/08 | ASTM A48 A48M Gray Iron Castings.pdf  | 52   |
| 16541 | 01/03/08 | ASTM A487 A487M Steel Castings Suitable for Pressure Service.pdf                                      | 36   |
| 16542 | 01/03/08 | ASTM A494 A494M Castings, Nickel and Nickel Alloy.pdf   | 50   |
| 16543 | 01/03/08 | ASTM A505 Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements.pdf         | 79   |
| 16544 | 01/03/08 | ASTM A506 Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled.pdf           | 26   |
| 16545 | 01/03/08 | ASTM A507 Drawing Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled.pdf                        | 26   |
| 16546 | 01/03/08 | ASTM A517 A517M Pressure Vessel Plates, Alloy Steel, High-Strength, Quenched and Tempered.pdf         | 22   |
| 16547 | 01/03/08 | ASTM A524 Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures.pdf                       | 58   |
| 16548 | 01/03/08 | ASTM A53 A53M Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless.pdf                 | 142  |
| 16549 | 01/03/08 | ASTM A530 A530M General Requirements for Specialized Carbon and Alloy Steel Pipe.pdf                  | 65   |
| 16550 | 01/03/08 | ASTM A537 A537M Pressure Vessel Plates, Heat-Treated, Carbon-Manganese- Silicon Steel.pdf             | 25   |
| 16551 | 01/03/08 | ASTM A537 Pressure Vessel Plates, Heat-Treated, Carbon-Manganese- Silicon Steel.pdf                   | 33   |
| 16552 | 01/03/08 | ASTM A563 Carbon and Alloy Steel Nuts.pdf   | 92   |

|       |          |   |     |
|-------|----------|---|-----|
| 16553 | 01/03/08 | ASTM A564 A564M Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes.pdf        | 47  |
| 16554 | 01/03/08 | ASTM A570 A570M Structural Steel, Sheet and Strip, Carbon, Hot-Rolled.pdf                             | 25  |
| 16555 | 01/03/08 | ASTM A572 A572M High-Strength Low-Alloy Columbium-Vanadium Structural Steel.pdf                       | 41  |
| 16556 | 01/03/08 | ASTM A573 A573M Structural Carbon Steel Plates of Improved Toughness.pdf                              | 19  |
| 16557 | 01/03/08 | ASTM A575 Steel Bars, Carbon, Merchant Quality, M-Grades.pdf  | 23  |
| 16558 | 01/03/08 | ASTM A578 Straight-Beam Ultrasonic Examination of Plain and Clad Steel Plates for Special Applica.pdf | 45  |
| 16559 | 01/03/08 | ASTM A587 Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry.pdf              | 49  |
| 16560 | 01/03/08 | ASTM A633 A633M Normalized High-Strength Low-Alloy Structural Steel Plates.pdf                        | 29  |
| 16561 | 01/03/08 | ASTM A645 A645M Pressure Vessel Plates, Five Percent Nickel Alloy Steel, Specially Heat Treated.pdf   | 28  |
| 16562 | 01/03/08 | ASTM A671 Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures.pdf                | 60  |
| 16563 | 01/03/08 | ASTM A672 Electric-Fusion-Welded Steel Pipe for High-pressure Service at Moderate Temperatures.pdf    | 614 |
| 16564 | 01/03/08 | ASTM A675 A675M Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties.pdf           | 35  |
| 16565 | 01/03/08 | ASTM A-6A 6M General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Pil.pdf | 459 |
| 16566 | 01/03/08 | ASTM A723 A723M (1999)-Standard Specification for Alloy Steel Forgings for High-Strength Pressur.pdf  | 32  |
| 16567 | 01/03/08 | ASTM A790 A790M (2001)-Standard Specification for Seamless and Welded FerriticAustenitic Stainle.pdf  | 48  |
| 16568 | 01/03/08 | ASTM A860 860M-Standard Specification for Wrought High-Strength Low Alloy Steel Butt-Welding Fitt.pdf | 367 |
| 16569 | 01/03/08 | ASTM B 127 (1998)-SStandard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet,and S.pdf | 78  |
| 16570 | 01/03/08 | ASTM B 148(1997)-Standard Specification for Aluminum-Bronze Sand Castings.pdf                         | 46  |
| 16571 | 01/03/08 | ASTM B 150M (1995)-Standard Specification for Aluminum Bronze, Rod, Bar, and Shapes [Metric].pdf      | 28  |
| 16572 | 01/03/08 | ASTM B 160 (1999)-Standard Specification for Nickel Rod and Bar.pdf                                   | 44  |
| 16573 | 01/03/08 | ASTM B 366-Standard Specification for Factory Made Wrought Nickel and Nickel Alloy Fittings .pdf      | 498 |
| 16574 | 01/03/08 | ASTM B 564-Standard Specification for Nickel Alloy Forgings.pdf                                       | 543 |
| 16575 | 01/03/08 | ASTM B108 (2001)-Standard Specification for Aluminum-Alloy Permanent Mold Castings.pdf                | 123 |
| 16576 | 01/03/08 | ASTM B111 (1998)-Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and .pdf | 65  |
| 16577 | 01/03/08 | ASTM B151 A151M (2000)-Standard Specification for Copper-Nickel-Zinc Alloy (Nickel Silver) and C.pdf  | 35  |
| 16578 | 01/03/08 | ASTM B152M (2000)-Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar.pdf           | 35  |
| 16579 | 01/03/08 | ASTM B161 (2000)-Standard Specification for Nickel Seamless Pipe and Tube.pdf                         | 27  |
| 16580 | 01/03/08 | ASTM B162 (1999)-Standard Specification for Nickel Plate, Sheet, and Strip.pdf                        | 68  |
| 16581 | 01/03/08 | ASTM B163 (2001)-Standard Specification for Seamless Nickel and Nickel Alloy Condenser and Heat- .pdf | 82  |
| 16582 | 01/03/08 | ASTM B164 (1998)-Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire.pdf                | 63  |
| 16583 | 01/03/08 | ASTM B165 (1993)-Standard Specification of Nickel-Copper Alloy (UNS N04400) Seamless Pipe and Tub.pdf | 43  |
| 16584 | 01/03/08 | ASTM B169M (2001)-Standard Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar.pdf         | 30  |
| 16585 | 01/03/08 | ASTM B171M (1999)-Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, C.pdf | 54  |
| 16586 | 01/03/08 | ASTM B187 (2000)-Standard Specification for Copper Bar, Bus Bar, Rod, and Shapes.pdf                  | 69  |
| 16587 | 01/03/08 | ASTM B209 (2001)-Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.pdf           | 153 |

|       |          |   |     |
|-------|----------|---|-----|
| 16588 | 01/03/08 | ASTM B209M (2001)-Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate [Metric].pdf | 229 |
| 16589 | 01/03/08 | ASTM B210 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes.pdf      | 82  |
| 16590 | 01/03/08 | ASTM B211 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire.pdf        | 67  |
| 16591 | 01/03/08 | ASTM B21M (2001)-Standard Specification for Naval Brass Rod, Bar, and Shapes.pdf                      | 42  |
| 16592 | 01/03/08 | ASTM B221 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire.pdf | 206 |
| 16593 | 01/03/08 | ASTM B234 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for .pdf | 51  |
| 16594 | 01/03/08 | ASTM B241M (2000)-Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamle.pdf | 305 |
| 16595 | 01/03/08 | ASTM B247 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgin.pdf | 75  |
| 16596 | 01/03/08 | ASTM B251 (1997)-Standard Specification for General Requirements for Wrought Seamless Copper and .pdf | 58  |
| 16597 | 01/03/08 | ASTM B265 (1999)-Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate.pdf   | 59  |
| 16598 | 01/03/08 | ASTM B26M (2001)-Standard Specification for Aluminum-Alloy Sand Castings.pdf                          | 104 |
| 16599 | 01/03/08 | ASTM B280 (1999)-Standard Specification for Seamless Copper Tube for Air Conditioning and Refrige.pdf | 66  |
| 16600 | 01/03/08 | ASTM B283 (1999)-Standard Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed).pdf    | 565 |
| 16601 | 01/03/08 | ASTM B302 (1998)-Standard Specification for Threadless Copper Pipe, Standard Sizes.pdf                | 520 |
| 16602 | 01/03/08 | ASTM B315 (1999)-Standard Specification for Seamless Copper Alloy Pipe and Tube.pdf                   | 65  |
| 16603 | 01/03/08 | ASTM B32 (2000)-Standard Specification for Solder Metal.pdf   | 74  |
| 16604 | 01/03/08 | ASTM B333 (1998)-Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip.pdf       | 45  |
| 16605 | 01/03/08 | ASTM B335 (1998)-Standard Specification for Nickel-Molybdenum Alloy Rod.pdf                           | 610 |
| 16606 | 01/03/08 | ASTM B348 (2000)-Standard Specification for Titanium and Titanium Alloy Bars and Billets.pdf          | 72  |
| 16607 | 01/03/08 | ASTM B361 (1995)-Standard Specification for factory-Made Wrought Aluminum and Aluminum-Alloy Weld.pdf | 37  |
| 16608 | 01/03/08 | ASTM B363 (2000)-Standard Specification for Seamless and Welded Unalloyed Titanium and Titanium A.pdf | 30  |
| 16609 | 01/03/08 | ASTM B366 (2001)-Standard Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings.pdf | 36  |
| 16610 | 01/03/08 | ASTM B367 (1998)-Standard Specification for Titanium and Titanium Alloy Castings.pdf                  | 37  |
| 16611 | 01/03/08 | ASTM B381 (2000)-Standard Specification for Titanium and Titanium Alloy Forgings.pdf                  | 58  |
| 16612 | 01/03/08 | ASTM B407 (2001)-Standard Specification for Nickel-Iron-Chromium Alloy Seamless Pipe and Tube.pdf     | 68  |
| 16613 | 01/03/08 | ASTM B408 (2001)-Standard Specification for Nickel-Iron-Chromium Alloy Rod and Bar.pdf                | 48  |
| 16614 | 01/03/08 | ASTM B409 (2001)-Standard Specification for Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip.pdf    | 84  |
| 16615 | 01/03/08 | ASTM B42 (1998)-Standard Specification for Seamless Copper Pipe, Standard Sizes.pdf                   | 46  |
| 16616 | 01/03/08 | ASTM B424 (1998)-Standard Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221) Plat.pdf | 47  |
| 16617 | 01/03/08 | ASTM B425 (1999)-Standard Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221) Rod .pdf | 39  |
| 16618 | 01/03/08 | ASTM B43 (1998)-Standard Specification for Seamless Red Brass Pipe, Standard Sizes.pdf                | 56  |
| 16619 | 01/03/08 | ASTM B435 (1998)-Standard Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Pl.pdf | 40  |
| 16620 | 01/03/08 | ASTM B463 (1999)-Standard Specification for UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, S.pdf | 65  |
| 16621 | 01/03/08 | ASTM B464 (1999)-Standard Specification for Welded UNS N08020, N08024, and N08026 Alloy Pipe.pdf      | 21  |
| 16622 | 01/03/08 | ASTM B466M (1998)-Standard Specification for Seamless Copper-Nickel Pipe and Tube.pdf                 | 48  |

|       |  |   |      |
|-------|--|---|------|
| 16623 | 01/03/08   | ASTM B467 (1997)-Standard Specification for Welded Copper-Nickel Pipe.pdf                             | 46   |
| 16624 | 01/03/08   | ASTM B468 (1999)-Standard Specification for Welded UNS N08020, N08024, and N08026 Alloy Tubes.pdf     | 21   |
| 16625 | 01/03/08   | ASTM B473 (1996)-Standard Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy B.pdf | 45   |
| 16626 | 01/03/08   | ASTM B491 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for .pdf | 45   |
| 16627 | 01/03/08   | ASTM B493 (2001)-Standard Specification for Zirconium and Zirconium Alloy Forgings.pdf                | 27   |
| 16628 | 01/03/08   | ASTM B514 (1995)-Standard Specification for Welded Nickel-Iron-Chromium Alloy Pipe.pdf                | 20   |
| 16629 | 01/03/08   | ASTM B523 (2001)-Standard Specification for Seamless and Welded Zirconium and Zirconium Alloy Tub.pdf | 42   |
| 16630 | 01/03/08   | ASTM B547 (2000)-Standard Specification for Aluminum and Aluminum-Alloy Formed and Arc-Welded Rou.pdf | 67   |
| 16631 | 01/03/08   | ASTM B550 (2001)-Standard Specification for Zirconium and Zirconium Alloy Bar and Wire.pdf            | 50   |
| 16632 | 01/03/08   | ASTM B551 (2001)-Standard Specification for Zirconium and Zirconium Alloy Strip, Sheet, and Plate.pdf | 74   |
| 16633 | <b>Matériaux\Alliages et décors</b>                          |   |      |
| 16634 | 21/11/12   | Thermomécanique des alliages métalliques.pdf  | 595  |
| 16635 | <b>Matériaux\Alliages et décors\Aluminium &amp; alliages</b> |   |      |
| 16636 | 10/03/09   | 95-18 I3_2004 Armour Plate 5083.pdf   | 264  |
| 16637 | 10/03/09   | 95-19 I3_2004 Heat Treatable Alloy.pdf  | 272  |
| 16638 | 10/03/09   | 95-22 I4_2004 Armour Plate.pdf  | 280  |
| 16639 | 10/03/09   | 95-31 I2_2004 Aluminium 7019.pdf  | 285  |
| 16640 | 10/03/09   | 95-32 I2_2004 Extrusion & Forgings.pdf  | 278  |
| 16641 | 08/03/09   | 95-33 I1_2004 Aluminium 7019.pdf  | 205  |
| 16642 | 15/12/10   | Alliage - Wikipédia.pdf   | 392  |
| 16643 | 15/12/10   | Aluminium Chemical Composition.png  | 152  |
| 16644 | 15/12/10   | Aluminium comparison table.pdf  | 54   |
| 16645 | 15/12/10   | Aluminium et ses alliages.pdf   | 402  |
| 16646 | 07/03/09   | Aluminum Chemical Coating.pdf   | 51   |
| 16647 | 15/12/10   | Chemical Composition.pdf  | 111  |
| 16648 | 15/12/10   | Corrosion de l'aluminium.pdf  | 5102 |
| 16649 | 01/11/08   | DStan02-768 I1_00 Aluminium Alloy.pdf   | 9319 |
| 16650 | 09/03/09   | EC9V0412E_Mise en oeuvre CEM E22 P1_13-02-09.pdf  | 2180 |
| 16651 | 28/02/12   | Gardobond G4011.pdf   | 31   |
| 16652 | 07/03/09   | MIL-A-8625F Anodic coatings.pdf   | 69   |
| 16653 | <b>Matériaux\Alliages et décors\Chromatation</b>             |   |      |
| 16654 | 28/02/12   | Chromatation.pdf  | 1117 |
| 16655 | 11/03/12   | SurTec 432 pour acier inox.pdf  | 41   |
| 16656 | 11/03/12   | SurTec 433 pour acier inox.pdf  | 33   |
| 16657 | 24/07/08   | SurTec 650 - ChromitAl TCP.pdf  | 1683 |

|       |  |   |       |
|-------|--|---|-------|
| 16658 | 24/07/08   | SurTec 650 pour aluminium.pdf                             | 65    |
| 16659 | 11/03/12   | SurTec 660A pour acier bleu.pdf                           | 24    |
| 16660 | 24/07/08   | SurTec 680 pour zinc.pdf                                  | 55    |
| 16661 | <b>Matériaux\Alliages et décors\Cuivre &amp; alliages</b>    |   |       |
| 16662 | 05/03/14   | Oxygen-free copper - Wikipedia, the free encyclopedia.pdf | 179   |
| 16663 | <b>Matériaux\Alliages et décors\Etamage</b>                  |   |       |
| 16664 | 11/03/12   | HN 20-S-61_72 Etamage de métaux.pdf                       | 771   |
| 16665 | <b>Matériaux\Alliages et décors\Galvanisation et Aluzinc</b> |   |       |
| 16666 | 18/03/12   | 03-41 I1_08 Trivalent Cr Coating on Zn.pdf                | 102   |
| 16667 | 11/03/12   | Acier zingué.pdf  | 291   |
| 16668 | 10/03/12   | Aluzinc brochure FR.pdf                                   | 212   |
| 16669 | <b>Matériaux\Alliages et décors\Magnésium</b>                |   |       |
| 16670 | 28/02/12   | Aero Magnesium.pdf  | 1110  |
| 16671 | <b>Matériaux\Batteries - Stockage d'électricité</b>          |   |       |
| 16672 | 27/11/13   | 3D Controllable Electromagnetic Cell.pdf                  | 306   |
| 16673 | 17/04/07   | Battery Care.pdf  | 67    |
| 16674 | 17/04/07   | Battery Fact Sheet.pdf                                    | 53    |
| 16675 | 11/03/16   | Comsol - Modeling the Lithium-Ion Battery.pdf             | 410   |
| 16676 | 23/11/13   | HF Battery Impedance Measurements.pdf                     | 432   |
| 16677 | 24/09/13   | SAND2013-5131 Electricity Storage.pdf                     | 12355 |
| 16678 | 08/02/16   | State of charge on a lithium iron phosphate.pdf           | 189   |
| 16679 | <b>Matériaux\Béton &amp; matériaux de construction</b>       |   |       |
| 16680 | 31/12/14   | Analysis of SE of Reinforced Concrete Against HEMP.pdf    | 407   |
| 16681 | 02/09/12   | Béton armé - Règles BAEL.pdf                              | 71    |
| 16682 | 02/09/12   | Béton armé.pdf  | 69    |
| 16683 | 03/09/12   | Béton précontraint - Techniques de mise en oeuvre.pdf     | 1253  |
| 16684 | 03/09/12   | Béton précontraint.pdf                                    | 4105  |
| 16685 | 03/09/12   | Evolution des méthodes de calcul.pdf                      | 139   |
| 16686 | 02/09/12   | Fluage et relaxation du béton.pdf                         | 267   |
| 16687 | 03/09/12   | Généralités.pdf   | 89    |
| 16688 | 15/03/12   | Plaquette IVEBAT CHELLES.pdf                              | 451   |
| 16689 | 02/09/12   | Règles BAEL - Bétons de granulats artificiels.pdf         | 199   |
| 16690 | 02/09/12   | Règles BAEL - Comportement expérimental.pdf               | 186   |
| 16691 | 03/09/12   | Règles BAEL - Dispositions particulières.pdf              | 468   |
| 16692 | 03/09/12   | Règles BAEL - Etablissement des projets.pdf               | 362   |

|       |  |  |      |
|-------|--|--|------|
| 16693 | 02/09/12   | Règles BAEL - Exécution des travaux.pdf                      | 267  |
| 16694 | 03/09/12   | Règles BAEL - Matériaux Actions et Sollicitations.pdf        | 193  |
| 16695 | 03/09/12   | Règles BAEL - Ossatures éléments courants.pdf                | 2312 |
| 16696 | 02/09/12   | Règles BAEL - Ouvrages particuliers.pdf                      | 892  |
| 16697 | 02/09/12   | Règles BAEL - Pathologie et réparation des ouvrages.pdf      | 666  |
| 16698 | 03/09/12   | Règles BAEL - Sollicitations normales.pdf                    | 1453 |
| 16699 | 03/09/12   | Règles BAEL - Sollicitations tangentes d'adhérence.pdf       | 779  |
| 16700 | 03/09/12   | Restauration des bâtiments en BA.pdf                         | 722  |
| 16701 | <b>Matériaux\Béton &amp; matériaux de construction\Autres matériaux de construction</b>  |  |      |
| 16702 | 24/10/12   | Granulats - sables, graviers et concassés.pdf                | 435  |
| 16703 | 24/10/12   | Granulats et liants routiers.pdf                             | 319  |
| 16704 | 24/10/12   | Matériau bois - Caractéristiques.pdf                         | 529  |
| 16705 | 24/10/12   | Matériau bois - Durabilité.pdf                               | 169  |
| 16706 | 24/10/12   | Matériau bois.pdf  | 96   |
| 16707 | 24/10/12   | Matériaux de terre cuite - Données.pdf                       | 210  |
| 16708 | 24/10/12   | Matériaux de terre cuite.pdf                                 | 616  |
| 16709 | 24/10/12   | Pierres de construction.pdf                                  | 693  |
| 16710 | 24/10/12   | Plâtre.pdf   | 146  |
| 16711 | 24/10/12   | Produits silico-calcaires.pdf                                | 70   |
| 16712 | <b>Matériaux\Béton &amp; matériaux de construction\Béton hydraulique</b>                 |  |      |
| 16713 | 19/11/12   | Alcali-réaction dans le béton - Pathologie et prévention.pdf | 1213 |
| 16714 | 19/11/12   | Béton architectonique.pdf                                    | 660  |
| 16715 | 19/11/12   | Béton de poudres réactives.pdf                               | 153  |
| 16716 | 19/11/12   | Béton hydraulique - Mise en oeuvre.pdf                       | 1053 |
| 16717 | 19/11/12   | Bétons de fibres métalliques (BFM).pdf                       | 234  |
| 16718 | 19/11/12   | Composants préfabriqués en béton pour bâtiment.pdf           | 382  |
| 16719 | 19/11/12   | Composants préfabriqués en béton pour génie civil.pdf        | 592  |
| 16720 | 19/11/12   | Composants préfabriqués en béton.pdf                         | 878  |
| 16721 | 19/11/12   | Contrôle de qualité du béton.pdf                             | 101  |
| 16722 | 19/11/12   | Durabilité et pathologie du béton hydraulique.pdf            | 430  |
| 16723 | 19/11/12   | Fabrication du béton hydraulique.pdf                         | 528  |
| 16724 | 19/11/12   | Prise des bétons - Les effets thermomécaniques.pdf           | 314  |
| 16725 | <b>Matériaux\Béton &amp; matériaux de construction\CEM des matériaux de construction</b> |  |      |
| 16726 | 01/11/08   | Béton avec armatures en ionx.pdf                             | 68   |
| 16727 | 20/07/10   | Béton fibré.pdf  | 149  |

|       |  |  |      |
|-------|--|--|------|
| 16728 | 23/03/06                                   | Cement-Matrix Conduction.pdf                           | 175  |
| 16729 | 01/11/08                                   | Commentary on Building Steelwork.pdf                   | 1157 |
| 16730 | 18/03/06                                   | Concrete shielding Modelling.pdf                       | 379  |
| 16731 | 03/01/05                                   | Concrete Walls at 900 MHz.pdf                          | 407  |
| 16732 | 18/03/06                                   | Concrete Walls in 900-MHz Band.pdf                     | 404  |
| 16733 | 16/10/12                                   | Conductive Concrete as an EM Shield.pdf                | 330  |
| 16734 | 14/11/04                                   | Construction Material Permittivity 1.pdf               | 371  |
| 16735 | 02/12/04                                   | Construction Material Permittivity 2.pdf               | 360  |
| 16736 | 11/06/10                                   | Diagnostic du béton armé dégradé.pdf                   | 745  |
| 16737 | 27/08/08                                   | Dielectric & magnetic of ferroconcrete.pdf             | 381  |
| 16738 | 01/11/08                                   | DStan 02-862_07 Fasteners.pdf                          | 168  |
| 16739 | 12/11/04                                   | HF Modeling of Multilayer Slab.pdf                     | 194  |
| 16740 | 06/03/04                                   | Infinite Absorbing Slab.pdf                            | 114  |
| 16741 | 03/09/07                                   | Low-Loss Stratified Construction Materials.pdf         | 363  |
| 16742 | 19/03/06                                   | NISTIR 6055 Construction Material.pdf                  | 3339 |
| 16743 | 11/06/10                                   | Non-destructive testing of concrete structures.pdf     | 2578 |
| 16744 | 04/09/07                                   | Nonlinear Material Homogenization.pdf                  | 366  |
| 16745 | 20/02/07                                   | Reinforced Concrete Structures.pdf                     | 2542 |
| 16746 | 14/11/07                                   | RF Effects of Reinforced Concrete.pdf                  | 395  |
| 16747 | 15/07/07                                   | SE of Building Materials.pdf                           | 167  |
| 16748 | 26/10/08                                   | SE of Cement Materials for HEMP.pdf                    | 160  |
| 16749 | 10/10/06                                   | Shielding properties of concrete.pdf                   | 292  |
| 16750 | 20/07/10                                   | Steelmix FR.pdf  | 2670 |
| 16751 | 06/03/04                                   | Stratified Construction Materials.pdf                  | 532  |
| 16752 | <b>Matériaux\Céramiques</b>                |  |      |
| 16753 | 23/05/12                                   | Rapport Ceramiques Industrielles CARMA.pdf             | 2481 |
| 16754 | 16/11/09                                   | Revêtements par projection thermique m1645.pdf         | 338  |
| 16755 | <b>Matériaux\Colles et adhésifs</b>        |  |      |
| 16756 | 24/10/12                                   | Colles et adhésifs - Caractéristiques.pdf              | 311  |
| 16757 | 24/10/12                                   | Colles et adhésifs dans le bâtiment.pdf                | 225  |
| 16758 | 24/10/12                                   | Colles et adhésifs.pdf                                 | 87   |
| 16759 | <b>Matériaux\Combustibles</b>              |  |      |
| 16760 | 20/02/07                                   | Hydrogen national roadmap.pdf                          | 1156 |
| 16761 | <b>Matériaux\Constructions métalliques</b> |  |      |
| 16762 | 19/11/12                                   | Aciers de construction - Caractéristiques et choix.pdf | 615  |

|       |                                       |  |      |
|-------|---------------------------------------|--|------|
| 16763 | 19/11/12                              | Bâtiments ... étages.pdf                                   | 883  |
| 16764 | 19/11/12                              | Composants de contreventement.pdf                          | 886  |
| 16765 | 19/11/12                              | Composants métalliques - Conception et dimensionnement.pdf | 245  |
| 16766 | 19/11/12                              | Composants métalliques tendus et comprimés.pdf             | 319  |
| 16767 | 19/11/12                              | Conception des bâtiments métalliques.pdf                   | 125  |
| 16768 | 19/11/12                              | Constructions industrialisées.pdf                          | 1022 |
| 16769 | 19/11/12                              | Fondations pour pylônes et mâts.pdf                        | 462  |
| 16770 | 19/11/12                              | Halls en rez-de-chaussée.pdf                               | 483  |
| 16771 | 19/11/12                              | Moyens d'assemblage.pdf                                    | 512  |
| 16772 | 19/11/12                              | Pathologie des structures métalliques.pdf                  | 419  |
| 16773 | 19/11/12                              | Ponts métalliques - Applications spécifiques.pdf           | 574  |
| 16774 | 19/11/12                              | Ponts métalliques - Conception générale.pdf                | 621  |
| 16775 | 19/11/12                              | Produits sidérurgiques de première transformation.pdf      | 280  |
| 16776 | 19/11/12                              | Structures ... câbles.pdf                                  | 693  |
| 16777 | <b>Matériaux\Contacts électriques</b> |  |      |
| 16778 | 30/10/08                              | 42 V Micro-Arcing and Arc Erosion.pdf                      | 442  |
| 16779 | 30/10/08                              | Conduction Through Contact Spots.pdf                       | 231  |
| 16780 | 11/02/10                              | Contacts MARECHAL Electric.pdf                             | 312  |
| 16781 | 30/10/08                              | Contacts on Nickel Plated Aluminium.pdf                    | 435  |
| 16782 | 02/11/09                              | Couples de serrage.pdf                                     | 15   |
| 16783 | 30/10/08                              | Electroless Ni-B and Ni-P Coatings.pdf                     | 342  |
| 16784 | 23/05/15                              | Mill-Max Receptacles & Robust Interconnects.pdf            | 310  |
| 16785 | 30/10/08                              | Model of Electrical Contact.pdf                            | 159  |
| 16786 | 02/11/08                              | Raccordement de puissance.pdf                              | 881  |
| 16787 | 30/10/08                              | Reactivity of Lubricants on Aluminum.pdf                   | 729  |
| 16788 | 30/10/08                              | Reasons of Contact Failure Mechanisms.pdf                  | 705  |
| 16789 | 11/02/10                              | Résistance de contact selon matériau.png                   | 46   |
| 16790 | 11/02/10                              | Résistances de contact selon pression.png                  | 47   |
| 16791 | 30/10/08                              | Stationary Contact Resistance.pdf                          | 1273 |
| 16792 | 11/02/10                              | These ANDRE Contacts Inox.pdf                              | 3504 |
| 16793 | <b>Matériaux\Corrosion</b>            |  |      |
| 16794 | 20/02/07                              | AC Corrosion of Aluminum.pdf                               | 817  |
| 16795 | 06/05/06                              | Alternatives to cadmium.pdf                                | 47   |
| 16796 | 01/11/08                              | Aluminium Bronze Alloys Corrosion.pdf                      | 494  |
| 16797 | 01/11/08                              | AS 4036_1992 Corrosion of Metals.pdf                       | 112  |



|       |          |  |       |
|-------|----------|--|-------|
| 16798 | 02/11/08 | Bimetallic Corrosion.pdf                   | 193   |
| 16799 | 13/05/08 | Bi-Metallic Corrosion.pdf                  | 44    |
| 16800 | 01/11/08 | Car Corrosion Protection Guide.pdf         | 266   |
| 16801 | 01/11/08 | Common Path Distortions.pdf                | 916   |
| 16802 | 05/06/06 | Conductive Finishes Corrosion.pdf          | 569   |
| 16803 | 01/11/08 | Corrosion & Climatic Effects.pdf           | 1820  |
| 16804 | 15/09/07 | Corrosion and climatic effects.pdf         | 1733  |
| 16805 | 27/07/05 | Corrosion effects.pdf                      | 1079  |
| 16806 | 11/11/08 | Corrosion Failures & Prevention.pdf        | 1406  |
| 16807 | 15/07/07 | Corrosion Final.pdf                        | 1339  |
| 16808 | 01/11/08 | Corrosion of Steel Structures.pdf          | 231   |
| 16809 | 02/11/07 | Corrosion of Zinc-Coated Steel.pdf         | 140   |
| 16810 | 27/09/06 | Corrosion on Aircraft.pdf                  | 41    |
| 16811 | 06/05/06 | Corrosion removing.pdf                     | 48    |
| 16812 | 27/07/05 | Corrosion special report.pdf               | 10202 |
| 16813 | 06/05/06 | Couples galvaniques.pdf                    | 191   |
| 16814 | 01/11/08 | DStan 00-35 I4_06 Environments.pdf         | 4461  |
| 16815 | 02/11/08 | DStan 03-29 I4_08 Springs Corrosion.pdf    | 89    |
| 16816 | 02/11/08 | DStan 03-30 I3_05 Corrosion Portection.pdf | 420   |
| 16817 | 01/11/08 | DStan 59-411 Seams Corrosion etc.pdf       | 1623  |
| 16818 | 05/06/06 | EMI Shielding in Corrosive environment.pdf | 3095  |
| 16819 | 01/11/08 | Fastener corrosion.pdf                     | 1002  |
| 16820 | 20/02/07 | Fretting Corrosion of Lead-Free Alloy.pdf  | 1907  |
| 16821 | 31/10/08 | Galvanic Corrosion Conditions.pdf          | 194   |
| 16822 | 08/04/07 | Galvanic Corrosion Issue.pdf               | 422   |
| 16823 | 27/07/05 | Good as gold.pdf                           | 162   |
| 16824 | 10/03/12 | ICTAB-S10-99 Acier galvanisé Aluzinc.pdf   | 1250  |
| 16825 | 04/04/08 | La Panne sans plomb.pdf                    | 84    |
| 16826 | 01/11/08 | Long-Term of Corrosion Inhibitors.pdf      | 833   |
| 16827 | 11/06/10 | M160-Inhibiteurs de Corrosion.pdf          | 224   |
| 16828 | 13/09/02 | Material compatibility.pdf                 | 265   |
| 16829 | 22/11/08 | NACE Standard RP0177-2000.pdf              | 282   |
| 16830 | 01/11/08 | NES 738_00 Metals & Corrosion Guide.pdf    | 4756  |
| 16831 | 02/03/16 | Orbel Galvanic Compatibility.pdf           | 64    |
| 16832 | 12/09/11 | Protection cathodique.xls                  | 43    |

|       |   |  |      |
|-------|---|--|------|
| 16833 | 27/07/05  | SPIRA corrosion finishes.pdf                           | 1268 |
| 16834 | 06/05/06  | STD-1250A Corrosion prevention.pdf                     | 270  |
| 16835 | 27/07/05  | STD-808A Corrosion Prevention.pdf                      | 1475 |
| 16836 | 06/05/06  | STD-889B Dissimilar Metals.pdf                         | 820  |
| 16837 | 20/02/07  | Tin-Coated Fretting Corrosion.pdf                      | 1190 |
| 16838 | 15/10/07  | UIT L.7_1988 Protection cathodique.pdf                 | 56   |
| 16839 | 15/10/07  | UIT L.8_1988 Corrosion en alternatif.pdf               | 52   |
| 16840 | 01/07/08  | web-corrosion.ppt                                      | 505  |
| 16841 | 05/06/06  | Wire Mesh Gasket Corrosion.pdf                         | 3051 |
| 16842 | <b>Matériaux\Electromigration</b>                               |  |      |
| 16843 | 15/08/08  | JEP154 Solder Bump Electromigration.pdf                | 173  |
| 16844 | <b>Matériaux\Fibres conductrices, nanotubes, graphene, CNTs</b> |  |      |
| 16845 | 05/09/05  | 2005 Nanotechnology & Materials.pdf                    | 546  |
| 16846 | 31/05/09  | 3-D eigenmode of nano-structures.pdf                   | 155  |
| 16847 | 13/03/12  | Absorption of Carbon Nanotube Nanocomposite.pdf        | 419  |
| 16848 | 14/11/07  | Anisotropic Laminated Composites.pdf                   | 214  |
| 16849 | 23/10/08  | C Nanotube Reinforced Composites.pdf                   | 228  |
| 16850 | 09/10/12  | Carbon enhanced reinforcements.pdf                     | 688  |
| 16851 | 12/01/08  | Carbon Fiber Composites.pdf                            | 152  |
| 16852 | 27/03/15  | Carbon Nanotube for RF and Microwave Interconnects.pdf | 5577 |
| 16853 | 13/03/12  | Carbon Nanotube Interconnects.pdf                      | 346  |
| 16854 | 22/02/11  | Carbon Nanotube Networks.pdf                           | 178  |
| 16855 | 13/10/14  | Carbon Nanotube-Metal Contact Losses.pdf               | 116  |
| 16856 | 22/02/11  | Carbon Nanotubes as Microwave Interconnects.pdf        | 219  |
| 16857 | 08/10/12  | Carbon Nanotubes for EMC Applications.pdf              | 511  |
| 16858 | 24/05/10  | Carbon Nanotubes Interconnects.pdf                     | 306  |
| 16859 | 22/11/12  | Carbon nanotubes via chemical self-assembly.pdf        | 615  |
| 16860 | 13/03/12  | Carbon Onion Composites for EMC.pdf                    | 574  |
| 16861 | 01/09/07  | Carbon-Fiber Composite Materials.pdf                   | 402  |
| 16862 | 02/09/07  | Carbon-Filled Conductive Resins.pdf                    | 2217 |
| 16863 | 19/08/12  | Carbon-nanotube field effect transistors.pdf           | 144  |
| 16864 | 12/12/06  | Carbonnanotube Systems for EMC.pdf                     | 509  |
| 16865 | 13/03/12  | Carbon-Nanotubes-Based Composite.pdf                   | 693  |
| 16866 | 07/02/11  | Characterization of Carbon Nanotube Networks.pdf       | 194  |
| 16867 | 01/03/13  | CNTs Conductivity Exposed to a DC Field.pdf            | 108  |

|       |          |   |      |
|-------|----------|---|------|
| 16868 | 13/01/08 | CNTs for nano-interconnects.pdf                           | 1439 |
| 16869 | 13/03/12 | Composite Nanostructured Materials.pdf                    | 551  |
| 16870 | 29/10/08 | Conductive Plastic for Cover Shielding.pdf                | 69   |
| 16871 | 13/03/12 | Crosstalk in Multiwall Carbon Nanotube Interconnects.pdf  | 555  |
| 16872 | 30/12/14 | Delay and Crosstalk in Carbon Nanotube Interconnects.pdf  | 741  |
| 16873 | 13/03/12 | Dielectric Slab Grounded by Carbon Fiber.pdf              | 535  |
| 16874 | 08/10/12 | Effective Conductivity of Carbon Nanotube.pdf             | 271  |
| 16875 | 01/03/13 | Electronics to Metatronics to Graphene Metamaterials.pdf  | 145  |
| 16876 | 07/02/11 | EM Absorbing Nanotubes & Nanoplatelets.pdf                | 683  |
| 16877 | 19/08/09 | Epoxy nanocomposites for EM shielding.pdf                 | 384  |
| 16878 | 13/03/12 | Equivalent Circuit for Through Graphene Sheets.pdf        | 506  |
| 16879 | 01/03/13 | External-gate biased graphene nanoribbons.pdf             | 163  |
| 16880 | 27/11/13 | Graphene Frequency Selective Surface (GFSS).pdf           | 1018 |
| 16881 | 08/10/12 | Graphene Interconnect Characterization.pdf                | 446  |
| 16882 | 13/10/14 | Graphene Interconnects for Low-Power Applications.pdf     | 290  |
| 16883 | 13/03/12 | Graphite Nanoplatelet-Based Composites.pdf                | 1028 |
| 16884 | 22/02/11 | Interconnect in carbon nanotube based ASICs.pdf           | 166  |
| 16885 | 02/10/15 | Is Black Phosphorus the New Graphene.pdf                  | 49   |
| 16886 | 27/11/13 | Long Fiber Nickel Coated Carbon Fiber (LFNCCF).pdf        | 2213 |
| 16887 | 13/03/12 | Lossy Sheets of Carbon Nanocomposite Laminates.pdf        | 562  |
| 16888 | 13/03/12 | Magnetically Functionalized Carbon Nanotube Arrays.pdf    | 536  |
| 16889 | 19/06/15 | Modeling Curved Carbon Fiber Composite (CFC).pdf          | 448  |
| 16890 | 13/03/12 | Modeling of Carbon Nanotube Vias.pdf                      | 468  |
| 16891 | 28/06/14 | Multilayer Graphene Nanoribbon (MLG NR) Interconnects.pdf | 575  |
| 16892 | 13/03/12 | Multilayer Graphene Nano-Ribbon (MLG NR).pdf              | 492  |
| 16893 | 08/10/12 | Multi-Layer Graphene Nanoribbon Interconnects.pdf         | 563  |
| 16894 | 24/11/13 | Multi-Layer Graphene Nanoribbons.pdf                      | 404  |
| 16895 | 20/08/09 | Multiwall Carbon Nanotube Vias.pdf                        | 214  |
| 16896 | 13/03/12 | Multiwall Carbon Nanotube-Epoxy Composites.pdf            | 888  |
| 16897 | 11/05/15 | Multiwalled Carbon Nanotube Interconnects.pdf             | 353  |
| 16898 | 13/03/12 | Nanocrystalline Ferromagnetic Microwires.pdf              | 251  |
| 16899 | 13/03/12 | Nanocrystalline FeSiBCuNb Finemet Absorption.pdf          | 337  |
| 16900 | 13/03/12 | nano-EMC.pdf  | 90   |
| 16901 | 13/12/06 | Nanotubes in Conductive Polymers.pdf                      | 610  |
| 16902 | 12/01/08 | Nanotubes Lightweight Solid Phantom.pdf                   | 140  |

|       |  |  |      |
|-------|--|--|------|
| 16903 | 21/11/12                                       | Near Field From Carbon Nanotube Bundles.pdf                  | 343  |
| 16904 | 09/01/12                                       | Ohm's Law Survives at the Atomic Scale.pdf                   | 73   |
| 16905 | 19/06/15                                       | Organoclay and Carbon-Based Fillers against EMI.pdf          | 580  |
| 16906 | 30/12/14                                       | Parametric Macromodels of Carbon Nanotube Interconnects.pdf  | 789  |
| 16907 | 02/09/07                                       | Polypyrrole-Coated Shielding.pdf                             | 431  |
| 16908 | 02/09/07                                       | Properties of Nanotube Composites.pdf                        | 1520 |
| 16909 | 17/10/11                                       | Radiation from MWCNTs and SWCNT bundles.pdf                  | 598  |
| 16910 | 09/01/08                                       | Reduced Order Modeling for Nanotubes.pdf                     | 188  |
| 16911 | 13/03/12                                       | RF Carbon Nanotube Complex Permittivity.pdf                  | 636  |
| 16912 | 13/03/12                                       | Scattering Properties of Carbon Nanotube Arrays.pdf          | 550  |
| 16913 | 07/02/11                                       | SE of Carbon Nanotube Cellulose Nanocomposite.pdf            | 227  |
| 16914 | 12/01/11                                       | SE of Carbon Nanotubes in EMI Plastics.pdf                   | 311  |
| 16915 | 25/11/13                                       | Semiconducting Single Walled Carbon Nanotube Bundle.pdf      | 663  |
| 16916 | 08/01/08                                       | Signal Integrity of Nanotube Bundles.pdf                     | 246  |
| 16917 | 25/11/13                                       | Single Walled Carbon Nanotube Bundle.pdf                     | 663  |
| 16918 | 30/11/11                                       | Single-Wall Carbon-Nanotube Interconnects.pdf                | 241  |
| 16919 | 21/08/15                                       | Single-Walled Carbon Nanotubes in RF Devices.pdf             | 343  |
| 16920 | 22/02/11                                       | Skin-Effect of Carbon Nanotube Bundles.pdf                   | 150  |
| 16921 | 23/04/13                                       | Spatially Dispersive Graphene Nanowaveguides.pdf             | 791  |
| 16922 | 13/03/12                                       | Through Silicon Single-Walled Carbon Nanotube Bundle Via.pdf | 1023 |
| 16923 | 07/02/11                                       | TL Models for Multilayer Graphene Nanoribbon.pdf             | 163  |
| 16924 | 31/08/07                                       | Toward Emerging Technologies.pdf                             | 131  |
| 16925 | 13/01/08                                       | Transmission Line Modeling of CNTs.pdf                       | 706  |
| 16926 | 20/08/09                                       | Variations among CNT-based Interconnects.pdf                 | 141  |
| 16927 | <b>Matériaux\Films et textiles conducteurs</b> |  |      |
| 16928 | 09/09/05                                       | Absorption in 2 Low-Loss Layered Dielectric.pdf              | 148  |
| 16929 | 10/01/09                                       | Dielectric thin films.pdf                                    | 252  |
| 16930 | 31/12/06                                       | Electrically Thin Laminated Absorbers.pdf                    | 177  |
| 16931 | 28/03/07                                       | Electromagnetic Shielding Textiles.pdf                       | 35   |
| 16932 | 12/10/09                                       | Fiber-Reinforced Broad-Band Absorbing Screens.pdf            | 397  |
| 16933 | 03/06/07                                       | HF Properties of Electrotextiles.pdf                         | 632  |
| 16934 | 12/01/08                                       | Hyper Absorption of Flexible Foils.pdf                       | 216  |
| 16935 | 20/12/04                                       | Innovative Shielding Materials.pdf                           | 350  |
| 16936 | 13/01/08                                       | Nanocomposites for EMI Applications.pdf                      | 434  |
| 16937 | 12/10/09                                       | Near-Field SE of Periodic Planar Screens.pdf                 | 758  |

|       |  |  |      |
|-------|--|--|------|
| 16938 | 19/08/12   | On-wafer calibration & Membrane technology.pdf       | 191  |
| 16939 | 23/12/08   | Optimum Transparent Absorbers.pdf                    | 163  |
| 16940 | 01/09/07   | Properties of a Metafilm.pdf                         | 578  |
| 16941 | 31/12/06   | Resistive Film under High Power.pdf                  | 323  |
| 16942 | 14/10/11   | SE of Nanostructured Transparent Thin Films.pdf      | 808  |
| 16943 | 27/08/08   | Slider conductive adhesive for EMI.pdf               | 79   |
| 16944 | 12/03/15   | Thin Broadband Capacitive Surface-Based Absorber.pdf | 431  |
| 16945 | 08/09/05   | Thin shielding sheets parameters.pdf                 | 175  |
| 16946 | 20/12/04   | Thin-Walled Ferromagnetic Shield.pdf                 | 143  |
| 16947 | 02/09/07   | Transparent films for Shielding.pdf                  | 136  |
| 16948 | 03/09/07   | Transparent Lightweight Flexible Shields.pdf         | 278  |
| 16949 | 14/11/04   | Transparent Resistive Films.pdf                      | 165  |
| 16950 | 28/03/07   | Ultra-thin Metallic Coatings on Textile.pdf          | 273  |
| 16951 | 26/08/14   | Wideband extinction for thin planar samples.pdf      | 706  |
| 16952 | 09/09/05   | ?-4 Type EM-absorber Resistive Film.pdf              | 338  |
| 16953 | <b>Matériaux\Lubrification et anti-corrosion</b>   |  |      |
| 16954 | 10/03/12   | Aluzinc brochure FR.pdf                              | 212  |
| 16955 | 27/05/10   | Bisulfure de molybdène                               | 3    |
| 16956 | 08/04/04   | Coating materials.pdf                                | 329  |
| 16957 | 21/11/12   | Lubrifiants - Additifs ... action chimique.pdf       | 206  |
| 16958 | 21/11/12   | Lubrifiants - Constitution.pdf                       | 899  |
| 16959 | 21/11/12   | Lubrifiants - Généralités.pdf                        | 39   |
| 16960 | 21/11/12   | Lubrifiants - Propriétés et caractéristiques.pdf     | 808  |
| 16961 | 31/10/08   | Lubrifiants MOLYKOTE Dow Corning.pdf                 | 1122 |
| 16962 | 10/11/07   | Lubrifiants PFPE UniFlor.pdf                         | 296  |
| 16963 | 10/11/07   | Lubrifiants.pdf                                      | 98   |
| 16964 | 27/09/06   | Protective Coatings.pdf                              | 511  |
| 16965 | 10/11/07   | Tribologie.pdf                                       | 149  |
| 16966 | <b>Matériaux\Matériaux absorbants (... pertes)</b> |  |      |
| 16967 | 20/08/15   | 3-D Printable Electromagnetic Materials.pdf          | 1311 |
| 16968 | 09/09/05   | 5.8 GHz EM Wave Absorbers.pdf                        | 171  |
| 16969 | 08/10/12   | Absorber and Shielding Screen - Wire Array Sheet.pdf | 552  |
| 16970 | 04/02/15   | Absorber foam for anechoic chamber.pdf               | 290  |
| 16971 | 07/09/05   | Absorbing composites.pdf                             | 106  |
| 16972 | 16/04/15   | Absorbing Material Effectiveness.pdf                 | 246  |

|       |  |   |     |
|-------|--|---|-----|
| 16973 | 31/08/07   | Anisotropic-Dispersive Media.pdf                                | 424 |
| 16974 | 11/12/07   | Autonomous Controllable Metamaterial.pdf                        | 407 |
| 16975 | 19/12/14   | Carbon Coating of Honeycomb Cores.pdf                           | 316 |
| 16976 | 12/01/08   | Characteristics of Absorbing Materials.pdf                      | 147 |
| 16977 | 16/12/07   | Comparison of EM Absorbers.pdf                                  | 329 |
| 16978 | 30/07/11   | Composite EM noise absorber.pdf                                 | 164 |
| 16979 | 27/08/08   | Cooling of a Heated EM-Wave Absorber.pdf                        | 553 |
| 16980 | 20/08/09   | Design of Composite Materials.pdf                               | 136 |
| 16981 | 20/11/14   | Effectiveness of Absorbing Materials using a Nested RC.pdf      | 715 |
| 16982 | 13/01/14   | EM Absorber Used in Anechoic and Semi-Anechoic Chambers.pdf     | 366 |
| 16983 | 12/01/10   | EM Absorber Used in Anechoic Chambers.pdf                       | 408 |
| 16984 | 30/12/06   | EM Shielding by Using Metal- Foams.pdf                          | 321 |
| 16985 | 13/01/14   | EM Wave Absorber Using the Taguchi Method.pdf                   | 291 |
| 16986 | 18/12/07   | EMC Absorbers from 1 to 18 GHz.pdf                              | 346 |
| 16987 | 10/10/14   | EMI mitigation with lossy material at 10 GHz.pdf                | 781 |
| 16988 | 30/06/09   | FEM-SPICE Frequency-Dispersive Media.pdf                        | 322 |
| 16989 | 27/02/13   | Ferromagnetic inclusions influence.pdf                          | 155 |
| 16990 | 23/12/15   | Field Mapping in the Close Vicinity of a Pyramidal Absorber.pdf | 402 |
| 16991 | 11/05/15   | H Field Penetration in Plane With Ferrite Sheet.pdf             | 264 |
| 16992 | 04/02/15   | High Performance VHF-UHF Absorber Design.pdf                    | 209 |
| 16993 | 23/03/06   | LF RF Absorbers.pdf   | 113 |
| 16994 | 09/10/14   | MRI Heating Reduction.pdf                                       | 538 |
| 16995 | 10/12/07   | Nonwoven Ceramic Fibers Absorber.pdf                            | 157 |
| 16996 | 02/03/09   | Nonwoven Ceramic Fibers Absorbers.pdf                           | 167 |
| 16997 | 18/12/07   | Photonic Crystal Plane Substrate.pdf                            | 189 |
| 16998 | 08/03/09   | Radar Absorbent Material Coatings.pdf                           | 161 |
| 16999 | 16/10/12   | Reduce Heatsink Emissions with RF Absorbers.pdf                 | 502 |
| 17000 | 21/06/13   | Shield Door With a Magnetic Absorber.pdf                        | 378 |
| 17001 | 21/10/15   | Tannin-Based Carbon Foams.pdf                                   | 487 |
| 17002 | 07/02/09   | TIS17 Dissipative foam.pdf                                      | 147 |
| 17003 | 31/08/07   | Transition Radar Absorbent Material.pdf                         | 146 |
| 17004 | 09/09/05   | Wave Absorber & Wireless LAN Com.pdf                            | 152 |
| 17005 | 17/10/11   | Wave Absorber by Metal Wire Array Sheet.pdf                     | 525 |
| 17006 | 02/11/07   | Weakly Magnetized Ferrite Absorber.pdf                          | 339 |
| 17007 | <b>Matériaux\Matériaux composites ou laminés</b> |   |     |

|       |  |   |      |
|-------|--|---|------|
| 17008 | 22/02/11   | Composites Containing Magnetic Inclusions.pdf           | 177  |
| 17009 | 27/03/15   | Conductive Composites in Space Environment.pdf          | 1578 |
| 17010 | 06/10/14   | Conductive Reinforced Composite Sheets.pdf              | 810  |
| 17011 | 13/01/14   | Effective Permittivity of Composite Materials.pdf       | 523  |
| 17012 | 21/10/15   | EM Performance of Conductive Composite Laminate.pdf     | 413  |
| 17013 | 01/11/08   | HDBK-1002-6 Aluminum & Composite.pdf                    | 1099 |
| 17014 | 01/03/09   | Impedance of Composite Conductors.pdf                   | 201  |
| 17015 | 20/02/09   | Inhomogeneous Media Shields & Filters.pdf               | 194  |
| 17016 | 08/10/12   | Metal Granular Composite Materials.pdf                  | 279  |
| 17017 | 02/03/09   | Periodic Laminated Composites.pdf                       | 239  |
| 17018 | 25/05/12   | Property Variations for Composite Medium.pdf            | 491  |
| 17019 | 24/11/13   | Reflection and Transmission of Laminated Structures.pdf | 582  |
| 17020 | 13/01/14   | TDEFIE-PMCHW Method.pdf                                 | 295  |
| 17021 | <b>Matériaux\Matériaux conducteurs</b>                                       |   |      |
| 17022 | 16/08/12   | Céramiques semiconducteurs.pdf                          | 620  |
| 17023 | 02/10/14   | Conductive Materials, Wires and Cables.pdf              | 181  |
| 17024 | 15/08/12   | Le carbone en électrotechnique.pdf                      | 935  |
| 17025 | 15/08/12   | Matériaux pour résistances électriques.pdf              | 317  |
| 17026 | 16/08/12   | Résistances - Potentiomètres.pdf                        | 412  |
| 17027 | 16/08/12   | Supraconducteurs ... haute température critique.pdf     | 283  |
| 17028 | 15/08/12   | Supraconducteurs.pdf                                    | 822  |
| 17029 | <b>Matériaux\Matériaux dangereux</b>   |   |      |
| 17030 | 17/04/07   | Hazardous Materials.pdf                                 | 169  |
| 17031 | <b>Matériaux\Matériaux diélectriques (isolants)\Absorbants diélectriques</b> |   |      |
| 17032 | 24/06/03   | Dielectric Dispersive Media.pdf                         | 146  |
| 17033 | 10/02/16   | LF Dielectric Dispersion of Clay-Water-Electrolyte.pdf  | 670  |
| 17034 | 20/12/04   | Non-Conductive Absorbers SE.pdf                         | 161  |
| 17035 | <b>Matériaux\Matériaux diélectriques (isolants)\Isolants pour CI ou CIP</b>  |   |      |
| 17036 | 20/07/15   | Designing Dielectric Constant.pdf                       | 503  |
| 17037 | 23/10/08   | Dispersive Dielectric for PCB.pdf                       | 463  |
| 17038 | 25/08/06   | Electromagnetic Surfaces.pdf                            | 1174 |
| 17039 | 26/04/11   | Embedded Capacitor Material.pdf                         | 130  |
| 17040 | 26/04/11   | Embedded Ceramic Capacitors.pdf                         | 118  |
| 17041 | 22/02/09   | FR-4 and Time-Domain Causality.pdf                      | 177  |
| 17042 | 23/01/12   | Matériaux pour CIP & interconnexions.pdf                | 317  |

|       |  |  |      |
|-------|--|--|------|
| 17043 | 05/10/06   | PCB Dielectric Core Materials.pdf                              | 115  |
| 17044 | 14/07/15   | PTFE bonding.pdf   | 66   |
| 17045 | 23/02/09   | Relative Permittivity of PCB.pdf                               | 106  |
| 17046 | <b>Matériaux\Matériaux diélectriques (isolants)\Matériaux diélectriques HF</b>                   |  |      |
| 17047 | 14/07/15   | Advances in High Frequency PCB Materials.pdf                   | 766  |
| 17048 | 09/01/10   | Ceramics in Pulsed Power Application.pdf                       | 1154 |
| 17049 | 20/08/15   | Effective Roughness Dielectric in a PCB.pdf                    | 666  |
| 17050 | 13/07/15   | High frequency high speed multilayer PCBs.pdf                  | 38   |
| 17051 | 29/03/09   | Lossy Capacitors.pdf   | 160  |
| 17052 | 15/11/08   | Properties of silicone rubbers.pdf                             | 455  |
| 17053 | <b>Matériaux\Matériaux diélectriques (isolants)\Matériaux isolants - Caractéristiques</b>        |  |      |
| 17054 | 04/06/07   | Ceramic balls.pdf  | 72   |
| 17055 | 19/08/09   | Dielectric Properties of Carbon Nanotube.pdf                   | 487  |
| 17056 | 15/08/12   | Emaux isolants (Fils émaillés).pdf                             | 97   |
| 17057 | 22/02/09   | Heat-Sink-Thermal-Gasket Materials.pdf                         | 173  |
| 17058 | 15/08/12   | Huiles et liquides isolants.pdf                                | 1615 |
| 17059 | 30/12/09   | Matériaux pour bobinage.pdf                                    | 1165 |
| 17060 | 15/08/12   | Micas et produits micacés.pdf                                  | 387  |
| 17061 | 02/09/12   | Nelco Product Overview.xls                                     | 121  |
| 17062 | 05/03/14   | Permittivité de quelques isolants - Constante diélectrique.pdf | 53   |
| 17063 | 05/03/14   | Properties of Perfluorinated Polymers-FEP-PTFE-MFA.pdf         | 483  |
| 17064 | <b>Matériaux\Matériaux diélectriques (isolants)\Mesures de diélectriques</b>                     |  |      |
| 17065 | 31/12/14   | Characterize Dielectric Properties of PCBs.pdf                 | 645  |
| 17066 | 10/10/11   | Dielectric Constant & Loss Tangent Characterization.pdf        | 142  |
| 17067 | 15/11/08   | Electrical Material Parameters.pdf                             | 358  |
| 17068 | 09/10/12   | Evaluation of Permittivity for Homogeneous Dielectric.pdf      | 477  |
| 17069 | 23/12/07   | Extraction of Dielectric parameters.pdf                        | 142  |
| 17070 | 10/02/16   | Improved relative permittivity measurements.pdf                | 273  |
| 17071 | 20/11/14   | PCB Dielectric Properties Using Two Striplines.pdf             | 718  |
| 17072 | 21/10/12   | Propriétés électriques.pdf                                     | 183  |
| 17073 | <b>Matériaux\Matériaux diélectriques (isolants)\Modélisation et simulation diélectrique</b>      |  |      |
| 17074 | 23/01/13   | Arbitrarily Shaped Dielectric Bodies.pdf                       | 436  |
| 17075 | 19/12/04   | Dielectric Mixtures Permittivity.pdf                           | 145  |
| 17076 | 12/01/08   | Metallic-Lossy Dielectric Layer.pdf                            | 122  |
| 17077 | <b>Matériaux\Matériaux diélectriques (isolants)\Mousses et matériaux ... faible permittivité</b> |  |      |



|       |  |  |      |
|-------|--|--|------|
| 17078 | 27/08/08   | Dielectric constant of porous polymers.pdf             | 150  |
| 17079 | 02/10/14   | ROHACELL Dielectric Properties.pdf                     | 63   |
| 17080 | 02/10/14   | ROHACELL US-Letter.pdf                                 | 408  |
| 17081 | <b>Matériaux\Matériaux diélectriques (isolants)\Physique des diélectriques</b> |  |      |
| 17082 | 06/12/08   | Bianisotropic material.pdf                             | 322  |
| 17083 | 15/08/12   | Conduction électrique dans les liquides.pdf            | 1193 |
| 17084 | 15/08/12   | Diélectriques - Bases théoriques.pdf                   | 268  |
| 17085 | 15/08/12   | Diélectriques - Courants de conduction.pdf             | 206  |
| 17086 | 15/08/12   | Diélectriques solides et charge d'espace.pdf           | 305  |
| 17087 | 16/08/12   | Ferroélectricité.pdf                                   | 570  |
| 17088 | 21/10/12   | Matériaux diélectriques.pdf                            | 376  |
| 17089 | 16/08/12   | Polymères hétérocycliques thermostables.pdf            | 257  |
| 17090 | 16/08/12   | Propriétés diélectriques des polymères.pdf             | 176  |
| 17091 | <b>Matériaux\Matériaux diélectriques (isolants)\Rigidité diélectrique</b>      |  |      |
| 17092 | 27/07/15   | Characteristics of Air as an Insulator.pdf             | 366  |
| 17093 | 15/08/12   | Fonction isolation dans les matériels électriques.pdf  | 315  |
| 17094 | 15/08/12   | Gaz isolants.pdf                                       | 904  |
| 17095 | 15/08/12   | Isolation sous vide.pdf                                | 890  |
| 17096 | 15/08/12   | Préclaquage et claquage des liquides diélectriques.pdf | 396  |
| 17097 | <b>Matériaux\Matériaux diélectriques (isolants)\Vernis épargne</b>             |  |      |
| 17098 | 20/06/15   | Chemtronics - Conformal Coatings Guide.pdf             | 155  |
| 17099 | 20/06/15   | Conformal Coating Control.pdf                          | 860  |
| 17100 | 22/05/15   | Conformal Coating Removal Techiques.pdf                | 28   |
| 17101 | 23/05/15   | Conformal Coating Why, What, When, and How.pdf         | 97   |
| 17102 | 20/06/15   | Dow Corning - Silicone Conformal Coatings.pdf          | 112  |
| 17103 | 23/05/15   | DYMAX Conformal Coatings.pdf                           | 492  |
| 17104 | 20/06/15   | GEN3 Facts & Data Book.pdf                             | 503  |
| 17105 | 23/05/15   | Guide to Light-Cure Conformal Coatings.pdf             | 566  |
| 17106 | <b>Matériaux\Matériaux magnétiques\Aciers et alliages magnétiques de fer</b>   |  |      |
| 17107 | 08/04/15   | Absorption magnétique du fer.pdf                       | 968  |
| 17108 | 08/06/15   | AK Steel Magnetic Core 2013 10.pdf                     | 4722 |
| 17109 | 18/08/15   | AK steel pure iron armco API-Brochure.pdf              | 578  |
| 17110 | 01/09/15   | AK Stell stainless_steel_comparator.pdf                | 2785 |
| 17111 | 23/06/15   | AK-Steel ARMCO Pure Iron PDB 2015-05.pdf               | 6561 |
| 17112 | 16/08/12   | Alliages Fe-Ni et Fe-Co - Propriétés magnétiques.pdf   | 570  |

|       |   |   |      |
|-------|---|---|------|
| 17113 | 16/08/12  | Alliages fer-silicium.pdf                           | 1359 |
| 17114 | 03/08/13  | Bruit de Barkhausen des aciers.pdf                  | 6731 |
| 17115 | 16/04/15  | Cowdell Permeability Paper - 1970.pdf               | 3978 |
| 17116 | 14/11/04  | Fe-Hf-O Ferromagnetic Thin Films.pdf                | 301  |
| 17117 | 20/06/09  | Fer pur ARMCO.pdf                                   | 354  |
| 17118 | 08/04/15  | Frequency Dependence of Permeability in Steel.pdf   | 201  |
| 17119 | 17/10/11  | HF Permeability of Fe-Al-Si granular Materials.pdf  | 461  |
| 17120 | 04/02/15  | Le magnétisme et l'inox - Ugitech.pdf               | 1040 |
| 17121 | 16/04/15  | Magnetic Barkhausen Noise for hardness checking.pdf | 226  |
| 17122 | 08/04/15  | Magnetic metals NAM_cat.pdf                         | 556  |
| 17123 | 16/04/15  | Magnetic permeability vs frequency Cowdell.pdf      | 284  |
| 17124 | 08/04/15  | Measurement of $\mu$ of Soft Steel at HF.pdf        | 103  |
| 17125 | 25/08/15  | Mumetal Magnetic Shield.pdf                         | 664  |
| 17126 | 25/08/15  | Mumetal Permimphy Supermimphy FeNi.pdf              | 328  |
| 17127 | 31/08/15  | Mumetal variants co-netic netic properties.pdf      | 955  |
| 17128 | 07/03/10  | Steel Poles & Eddy Currents.pdf                     | 197  |
| 17129 | <b>Matériaux\Matériaux magnétiques\Aimants permanents</b>           |   |      |
| 17130 | 16/08/12  | Aimants permanents - Matériaux et applications.pdf  | 1046 |
| 17131 | 16/08/12  | Aimants permanents - Principes.pdf                  | 841  |
| 17132 | 18/01/10  | Aimants permanents d2090.pdf                        | 780  |
| 17133 | 15/03/10  | Matériaux et Ferrites durs.pdf                      | 107  |
| 17134 | <b>Matériaux\Matériaux magnétiques\Amorphes et nanocristallins</b>  |   |      |
| 17135 | 25/02/04  | Amorphous magnetic alloy.pdf                        | 362  |
| 17136 | 24/06/03  | High permeability core.pdf                          | 325  |
| 17137 | 16/08/12  | Matériaux amorphes et nanocristallins.pdf           | 304  |
| 17138 | 16/08/12  | Matériaux amorphes, micro et nanocristallins.pdf    | 654  |
| 17139 | <b>Matériaux\Matériaux magnétiques\Analyse et modélisation</b>      |   |      |
| 17140 | 23/12/15  | Flat Single-Layer Selective Magnetic Absorber.pdf   | 733  |
| 17141 | 08/10/12  | Frequency Dependences of Microwave Permeability.pdf | 174  |
| 17142 | <b>Matériaux\Matériaux magnétiques\Choix de matériau magnétique</b> |   |      |
| 17143 | 18/01/10  | Acme Material Cross Reference.pdf                   | 26   |
| 17144 | 18/01/10  | ACME Power Material - Characteristics.pdf           | 85   |
| 17145 | 18/01/10  | Acme-ferrite Catalog_2006.pdf                       | 1038 |
| 17146 | 10/04/15  | B(H) des matériaux magnétiques.docx                 | 384  |
| 17147 | 10/04/15  | B(H) des matériaux magnétiques.pdf                  | 1242 |

|       |  |  |      |
|-------|--|--|------|
| 17148 | 27/02/10   | Comparatif matériaux magnétiques.pdf               | 952  |
| 17149 | 04/02/10   | Composants matériaux magnétiques.pdf               | 893  |
| 17150 | 31/12/06   | Ferro-Antiferroelectric Materials.pdf              | 102  |
| 17151 | 20/05/08   | Hexagonal Ferrites for EMC.pdf                     | 149  |
| 17152 | 09/09/05   | Magnetic-Non-M Shielding Materials.pdf             | 134  |
| 17153 | 19/08/15   | Modern magnetic materials the review _tumanski.pdf | 1845 |
| 17154 | 31/08/15   | Nickel alloys properties ACFA9D7.pdf               | 493  |
| 17155 | <b>Matériaux\Matériaux magnétiques\Circuits magnétiques</b>              |  |      |
| 17156 | 07/09/12   | Bobine ... noyau de fer en régime variable.pdf     | 670  |
| 17157 | 24/02/09   | Circuit Modeling of Ferrite-Core.pdf               | 100  |
| 17158 | 11/03/03   | Cuts to Reduce Eddy Currents.pdf                   | 203  |
| 17159 | 15/03/10   | Design of Microfabricated Inductors.pdf            | 782  |
| 17160 | 14/08/08   | Improved Calculation of Core Loss.pdf              | 134  |
| 17161 | 20/05/10   | Modeling Ferrite Core Losses.pdf                   | 296  |
| 17162 | 24/05/10   | TESTING MAGNETIC CORES.pdf                         | 95   |
| 17163 | <b>Matériaux\Matériaux magnétiques\Elastomères composites et poudres</b> |  |      |
| 17164 | 04/03/13   | Co-Zr vs Ba-Sr Ferrite-Paraffin Wax Composite.pdf  | 259  |
| 17165 | 15/12/06   | Ferrite composite absorbing material.pdf           | 93   |
| 17166 | 28/04/09   | Functional Magnetic Plastic Compounds.pdf          | 234  |
| 17167 | 05/03/13   | HF magnetic performance of composites.pdf          | 130  |
| 17168 | 06/12/08   | Magnetic losses in composite materials.pdf         | 516  |
| 17169 | 01/12/04   | Organo-Ceramics & Ferrite Powder.pdf               | 542  |
| 17170 | <b>Matériaux\Matériaux magnétiques\Fer ARMCO</b>                         |  |      |
| 17171 | 19/12/08   | AK Steel France.webarchive                         | 133  |
| 17172 | 03/10/13   | Armco - Température de travail.pdf                 | 260  |
| 17173 | 13/06/15   | DOC FER PUR.doc                                    | 312  |
| 17174 | 03/10/13   | Fer armco - Caractéristiques.pdf                   | 1227 |
| 17175 | 19/12/08   | Fer pur ARMCO.pdf                                  | 339  |
| 17176 | 04/10/13   | Fer Pur ARMCO-2.pdf                                | 563  |
| 17177 | <b>Matériaux\Matériaux magnétiques\Ferrites doux</b>                     |  |      |
| 17178 | 18/01/10   | ACME Soft Ferrite Catalog.pdf                      | 1733 |
| 17179 | 27/03/15   | Application of Hexagonal Ferrites in EMC.pdf       | 4089 |
| 17180 | 30/11/11   | Circuit Characterization of Ferrite Inductors.pdf  | 623  |
| 17181 | 26/10/08   | Electric Properties for Mn-Zn Ferrite.pdf          | 182  |
| 17182 | 16/12/07   | Exponentially Tapered Ferrite.pdf                  | 390  |

|       |  |  |       |
|-------|--|--|-------|
| 17183 | 20/05/10   | Ferrite Loss Measurement.pdf   | 98    |
| 17184 | 01/01/07   | Ferrite-Graphite Composite Media.pdf   | 143   |
| 17185 | 16/08/12   | Ferrites faibles pertes en fréquence.pdf   | 303   |
| 17186 | 07/09/05   | HF Cable Mounted Ferrites.pdf  | 108   |
| 17187 | 15/03/10   | Measuring Soft Ferrite Properties.pdf  | 250   |
| 17188 | 14/11/07   | Ni-Zn Ferrite Grid Absorber.pdf  | 196   |
| 17189 | 28/03/07   | Ni-Zn Magnetic Composite Films.pdf   | 367   |
| 17190 | 15/03/10   | Non Linearity in Ferrites.pdf  | 334   |
| 17191 | 25/11/13   | Permeability Spectra of Spinel Ferrite Composites.pdf  | 1180  |
| 17192 | 03/01/11   | Simulation of Ferrite Materials.pdf  | 433   |
| 17193 | 28/08/08   | Soft Ferrite Use With Antennas.pdf   | 265   |
| 17194 | 17/06/07   | Substituted (Zn,Mg) Ferrite.pdf  | 80    |
| 17195 | 27/02/10   | TDK Ferrite for SMPS.pdf   | 1410  |
| 17196 | 01/12/04   | Wide-Band Ferrite Wave Absorber.pdf  | 464   |
| 17197 | <b>Matériaux\Matériaux magnétiques\Ferrofluides</b>                      |  |       |
| 17198 | 16/08/12   | Liquides magnétiques ou ferrofluides.pdf   | 424   |
| 17199 | <b>Matériaux\Matériaux magnétiques\Magnétisme cryogénique</b>            |  |       |
| 17200 | 26/09/14   | Cryogenic Magnetic Alloys.pdf  | 504   |
| 17201 | <b>Matériaux\Matériaux magnétiques\Magnéto-optique</b>                   |  |       |
| 17202 | 16/08/12   | Effets et matériaux magnéto-optiques.pdf   | 111   |
| 17203 | <b>Matériaux\Matériaux magnétiques\Magnétostriction</b>                  |  |       |
| 17204 | 16/08/12   | Effets et matériaux magnétostrictifs.pdf   | 188   |
| 17205 | <b>Matériaux\Matériaux magnétiques\Matériaux magnétiques en DC et BF</b> |  |       |
| 17206 | 26/08/15   | 60404-2 {Ed3.1}_08 Mesure cadre Epstein.pdf  | 340   |
| 17207 | 01/12/13   | DC Magnetization Curves of Soft Magnetic Materials.pdf   | 671   |
| 17208 | 01/12/11   | Electrodeposited LF Magnetic Shielding.pdf   | 227   |
| 17209 | 26/02/09   | Mumetal Permimphy Supermimphy.pdf  | 132   |
| 17210 | <b>Matériaux\Matériaux magnétiques\Matériaux magnétiques HF</b>          |  |       |
| 17211 | 25/11/13   | Limitations on HF Permeability of Magnetic Materials.pdf   | 389   |
| 17212 | <b>Matériaux\Matériaux magnétiques\Mesure des matériaux magnétiques</b>  |  |       |
| 17213 | 01/09/15   | 60404-2 {Ed3.1}_08 Mesure cadre Epstein.pdf  | 340   |
| 17214 | 19/08/15   | Basic Magnetic Quantities and the Measurement of the Magnetic Properties of Materials NBS47.pdf    | 13449 |
| 17215 | 26/02/03   | IEEE standard test procedures for magnetic cores std 393-1991.pdf                                  | 3877  |
| 17216 | 24/08/15   | Mesure matériaux mag et magnetisation aimants Laboratorio Electroffisico Walker LDJ Scientific.pdf | 8114  |
| 17217 | 18/08/15   | Physics and measurements of magnetic materials cern.pdf  | 2092  |

|       |  |  |       |
|-------|--|--|-------|
| 17218 | <b>Matériaux\Matériaux magnétiques\Théorie et modélisation</b> |  |       |
| 17219 | 05/03/10   | 2D Complex Permeability Modelling.pdf                | 364   |
| 17220 | 10/03/11   | Absorbers Based on Resonant-Magnetic Inclusions.pdf  | 319   |
| 17221 | 20/05/10   | Calcul pertes fer des ferrites.pdf                   | 274   |
| 17222 | 19/08/15   | CERN Accelerator School Magnets cern-2010-004.pdf    | 29807 |
| 17223 | 02/12/08   | Ferrite-Loss Increase by Premagnetization.pdf        | 462   |
| 17224 | 12/11/04   | Ferromagnetic Shield.pdf                             | 119   |
| 17225 | 16/08/12   | Ferromagnétisme.pdf                                  | 201   |
| 17226 | 24/05/10   | Iron Losses of Soft Material.pdf                     | 320   |
| 17227 | 01/03/12   | Magnetic Anomaly Detection in magnetic Material.pdf  | 358   |
| 17228 | 11/02/15   | Magnetic_Tutorial_Gecko_EPE2013_.pdf                 | 7671  |
| 17229 | 17/08/15   | magnetism_and_magnetic_materials_koye.pdf            | 16404 |
| 17230 | 27/02/15   | Matériaux antiferromagnétiques.pdf                   | 97    |
| 17231 | 21/10/15   | Modeling of Hysteresis of Magnetic Materials.pdf     | 479   |
| 17232 | 27/04/06   | Modélisation TLM tuiles de ferrite.pdf               | 289   |
| 17233 | 09/11/13   | Propriétés magnétiques B-H.pdf                       | 991   |
| 17234 | 15/03/10   | The Physics of Soft Ferrite.pdf                      | 345   |
| 17235 | 16/08/12   | Théorie du magnétisme.pdf                            | 1086  |
| 17236 | <b>Matériaux\Matériaux non linéaires</b>                       |  |       |
| 17237 | 09/01/10   | Percolation of Liquid Electric Breakdown.pdf         | 188   |
| 17238 | 09/01/10   | Recovery of Water Switches.pdf                       | 211   |
| 17239 | 10/10/00   | Rs LS non linéarités Ferrite tpc1.jpg                | 468   |
| 17240 | 09/01/10   | Water under High Electric Stress.pdf                 | 149   |
| 17241 | <b>Matériaux\Matériaux thermorétractables</b>                  |  |       |
| 17242 | 26/08/10   | Gaine thermoretractable SAM.pdf                      | 85    |
| 17243 | 26/08/10   | Gaine thermo-retractable.pdf                         | 219   |
| 17244 | 26/08/10   | Polymères irradiés.pdf                               | 152   |
| 17245 | <b>Matériaux\Mesures de matériaux</b>                          |  |       |
| 17246 | 20/02/02   | Absorbers measurements.pdf                           | 144   |
| 17247 | 31/07/08   | Applied Electromagnetism and Materials.pdf           | 2322  |
| 17248 | 02/09/07   | ASTM Measurement of Thin Films.pdf                   | 227   |
| 17249 | 02/09/07   | ASTM Measurements of Textiles.pdf                    | 384   |
| 17250 | 27/05/15   | ASTM Permittivity of Solid Electrical Insulation.pdf | 296   |
| 17251 | 02/09/07   | Characterization of EMC Materials.pdf                | 1987  |
| 17252 | 01/01/07   | Conductive dielectrics Absorption Loss.pdf           | 215   |

|       |          |   |      |
|-------|----------|---|------|
| 17253 | 12/11/04 | Debye parameters.pdf  | 267  |
| 17254 | 27/05/15 | Determination of dielectric properties of solid materials.pdf | 135  |
| 17255 | 02/09/07 | Determination of liquids permittivity.pdf                     | 181  |
| 17256 | 05/03/13 | Dielectric Material Measurements.pdf                          | 97   |
| 17257 | 02/03/09 | Electric and Magnetic Polarizability.pdf                      | 253  |
| 17258 | 03/09/07 | Electrical Material Parameters Extraction.pdf                 | 411  |
| 17259 | 05/03/13 | Electrostatic Measurements of Low Capacitance Changes.pdf     | 210  |
| 17260 | 28/03/07 | Evaluating the S.E. of Textiles.pdf                           | 384  |
| 17261 | 20/08/09 | Extracting Parameters of PCB Low-Loss Dielectrics.pdf         | 466  |
| 17262 | 19/06/15 | Extraction of Permittivity and Permeability.pdf               | 575  |
| 17263 | 20/08/09 | FDTD Modeling of Ferrite Cores.pdf                            | 153  |
| 17264 | 26/02/03 | Ferrite Property Measurement.pdf                              | 54   |
| 17265 | 26/03/14 | Material Characterization Using Dual-Ridged Waveguide.pdf     | 307  |
| 17266 | 04/06/07 | Material Evaluation.pdf                                       | 139  |
| 17267 | 19/08/09 | Material Parameter Extraction using TRL (t-TRL).pdf           | 247  |
| 17268 | 25/02/04 | Material properties.pdf                                       | 241  |
| 17269 | 13/07/11 | Material Selection Charts.pdf                                 | 1019 |
| 17270 | 12/09/10 | Measuring Materials - Baker-Jarvis.pdf                        | 1508 |
| 17271 | 27/05/15 | Measuring Permittivity and Permeability.pdf                   | 691  |
| 17272 | 12/09/10 | Measuring SE of Materials-1.pdf                               | 876  |
| 17273 | 12/09/10 | Measuring SE of Materials-2.pdf                               | 608  |
| 17274 | 05/03/13 | Measuring the dielectric properties of materials.pdf          | 239  |
| 17275 | 05/10/06 | Measuring the SE of Materials.pdf                             | 116  |
| 17276 | 16/08/12 | Mesure des isolants solides.pdf                               | 657  |
| 17277 | 09/09/05 | Microwave Composite for Shields.pdf                           | 169  |
| 17278 | 03/09/07 | Permeability & Conductivity of Films.pdf                      | 430  |
| 17279 | 16/10/12 | Permeability and Permittivity Uncertainty Effects.pdf         | 855  |
| 17280 | 03/09/07 | Permeability of Ferrite Core Using NA.pdf                     | 312  |
| 17281 | 25/04/04 | Permittivity Characterization.pdf                             | 212  |
| 17282 | 29/08/11 | Permittivity Measurement in Coaxial Line.pdf                  | 360  |
| 17283 | 12/01/08 | Permittivity of Composite Materials.pdf                       | 151  |
| 17284 | 02/06/09 | Permittivity of soils & double transmission.pdf               | 155  |
| 17285 | 26/09/14 | Physics and measurement of magnetic materials.pdf             | 2082 |
| 17286 | 16/11/09 | Résistivité des métaux k710.pdf                               | 104  |
| 17287 | 23/06/03 | Standing Wave Method.pdf                                      | 309  |

|       |                                |  |      |
|-------|--------------------------------|--|------|
| 17288 | 27/05/15                       | Techniques for measuring dielectric materials.pdf                | 239  |
| 17289 | <b>Matériaux\Métamatériaux</b> |  |      |
| 17290 | 05/03/13                       | Analysis of Metamaterials using Analytic Properties.pdf          | 303  |
| 17291 | 01/03/13                       | Anisotropic Representation for Dispersive Media.pdf              | 119  |
| 17292 | 04/08/15                       | Broadband Reflectionless Metasheets.pdf                          | 279  |
| 17293 | 01/03/13                       | Chirality and Bianisotropy Effects in Plasmonic Metasurfaces.pdf | 167  |
| 17294 | 07/10/12                       | CM Current Detector using Metamaterial.pdf                       | 379  |
| 17295 | 21/11/12                       | Compact Dual-Band EMI Metasurface Shield.pdf                     | 181  |
| 17296 | 01/03/13                       | CRLH Structure for Active Microwave Circuits.pdf                 | 1152 |
| 17297 | 10/11/13                       | Des ferrites aux métamatériaux.pdf                               | 353  |
| 17298 | 24/11/13                       | Dual-Band Metasurface for EMI Shielding.pdf                      | 218  |
| 17299 | 01/03/13                       | Dual-Resonant Metamaterials.pdf                                  | 198  |
| 17300 | 01/03/13                       | Extracting effective material parameters.pdf                     | 239  |
| 17301 | 19/08/09                       | GHz CM Filter Using Negative Permittivity Metamaterial.pdf       | 217  |
| 17302 | 01/03/13                       | Isotropic Negative-Refractive-Index Metamaterial.pdf             | 227  |
| 17303 | 13/01/08                       | Meta & Double Negative Materials.pdf                             | 1178 |
| 17304 | 01/03/13                       | Metadispersion in Anisotropic and Bianisotropic Media.pdf        | 383  |
| 17305 | 15/04/13                       | Meta-material Antennas.pdf                                       | 133  |
| 17306 | 01/03/13                       | Metamaterial applicator for microwave hyperthermia.pdf           | 148  |
| 17307 | 11/02/16                       | Metamaterial Devices for Industrial Applications.pdf             | 697  |
| 17308 | 01/03/13                       | Metamaterial Waveguide with Loss Compensation.pdf                | 166  |
| 17309 | 13/01/08                       | Metamaterials and Metafilms.pdf                                  | 764  |
| 17310 | 13/01/08                       | Nanotechnology.pdf   | 421  |
| 17311 | 27/11/13                       | Negative Permeability of YIG Composite Materials.pdf             | 1596 |
| 17312 | 01/03/13                       | Non-reciprocity and Unidirectionality.pdf                        | 403  |
| 17313 | 01/03/13                       | Passive and Active Metamaterial Constructs.pdf                   | 219  |
| 17314 | 01/03/13                       | Powered and Active RF Metamaterials.pdf                          | 112  |
| 17315 | 01/03/13                       | Propagation Phenomena in Metamaterial Structures.pdf             | 88   |
| 17316 | 26/09/10                       | Right-Handed Metamaterial.pdf                                    | 805  |
| 17317 | 27/08/08                       | Simulation of periodic metamaterials.pdf                         | 156  |
| 17318 | 31/12/14                       | Single-Layer Frequency-Selective Surface.pdf                     | 515  |
| 17319 | 01/03/13                       | Some permeability-near-zero structures.pdf                       | 303  |
| 17320 | 27/03/15                       | Spin- Orbit Interaction on a Metasurface.pdf                     | 2039 |
| 17321 | 01/03/13                       | Temporal dispersion of passive metamaterials.pdf                 | 162  |
| 17322 | 01/03/13                       | Transformation Electromagnetics in Antenna Engineering.pdf       | 339  |

|       |  |   |       |
|-------|--|---|-------|
| 17323 | 01/03/13                                 | Transmission Line Metamaterials for Acoustic Waves.pdf  | 236   |
| 17324 | 29/08/11                                 | Ultrathin Flexible Screen-Printed Metasurfaces.pdf      | 288   |
| 17325 | 01/03/13                                 | Wire-Cloth-Mesh Metamaterials for GHz and THz.pdf       | 215   |
| 17326 | <b>Matériaux\Plasmas et gaz isolants</b> |   |       |
| 17327 | 05/03/13                                 | Electron Acoustic Solitron.pdf                          | 108   |
| 17328 | 16/08/12                                 | Plasmas froids de décharge - Propriétés électriques.pdf | 242   |
| 17329 | 16/08/12                                 | Plasmas thermiques. - Production et applications.pdf    | 835   |
| 17330 | 05/03/13                                 | SAID-Related Nonlinear Wave Effects.pdf                 | 102   |
| 17331 | 05/03/13                                 | Soliton Model For Broadband Electrostatic Noise.pdf     | 90    |
| 17332 | 05/03/13                                 | VLF and HF Plasma Waves.pdf                             | 33    |
| 17333 | <b>Matériaux\Polymères conducteurs</b>   |   |       |
| 17334 | 30/11/11                                 | Carbon Nanotube Composites for EM Shielding.pdf         | 429   |
| 17335 | 02/09/07                                 | Carbon-Filled Nylon 6,6 Based Resins.pdf                | 4374  |
| 17336 | 26/08/09                                 | Composite powders 2000.pdf                              | 225   |
| 17337 | 12/11/09                                 | Conductive filler loading.pdf                           | 331   |
| 17338 | 17/08/09                                 | Conductive fillers into elastomers.pdf                  | 479   |
| 17339 | 06/10/07                                 | Electrical properties of granular matter.pdf            | 156   |
| 17340 | 02/09/07                                 | Intermodulation of Composite Materials.pdf              | 92    |
| 17341 | 15/02/11                                 | Joining Structure of Conductive Plastics.pdf            | 588   |
| 17342 | 01/09/07                                 | Lossy Bi-Isotropic Slab.pdf                             | 293   |
| 17343 | 01/06/09                                 | Molded Interconnect Device materials.pdf                | 185   |
| 17344 | 12/12/06                                 | Multi-Functional Conducting Polymers.pdf                | 241   |
| 17345 | 26/03/07                                 | New Materials for EMI Shielding.pdf                     | 253   |
| 17346 | 01/09/07                                 | Oxidized MWNT and Silver Powder.pdf                     | 379   |
| 17347 | 03/01/05                                 | Polyamide RAU-PA.pdf                                    | 136   |
| 17348 | 15/12/06                                 | Polyaniline & Polypyrrole Polymer.pdf                   | 143   |
| 17349 | 12/01/08                                 | Shielding Periodic Composite Media.pdf                  | 203   |
| 17350 | 12/11/09                                 | Stability of NiC in Silicone for Shielding.pdf          | 353   |
| 17351 | 30/03/10                                 | Wide-Frequency Model of Metal Foam.pdf                  | 367   |
| 17352 | <b>Matériaux\Protection cathodique</b>   |   |       |
| 17353 | 13/07/07                                 | AC Corrosion Cases.pdf                                  | 68    |
| 17354 | 11/11/08                                 | Cathodic Corrosion Protection Hdbk.pdf                  | 14511 |
| 17355 | 28/05/06                                 | Cathodic Protection.pdf                                 | 57    |
| 17356 | 12/11/09                                 | CEFRACOR protection cathodique PCRA_004.pdf             | 167   |
| 17357 | 13/07/07                                 | Common Corrosion Misconception.pdf                      | 655   |



|       |  |  |      |
|-------|--|--|------|
| 17358 | 11/08/05                                 | Corrosion Control.pdf                            | 68   |
| 17359 | 11/06/10                                 | Electrical Engineering Cathodic Protection.pdf   | 2193 |
| 17360 | 13/07/07                                 | EM 1110-2-2704 Cathodic Protection.pdf           | 1026 |
| 17361 | 03/06/10                                 | GIL Protection cathodique V1.pdf                 | 513  |
| 17362 | 13/07/07                                 | HDBK-1004-10 Cathodic protection.pdf             | 1816 |
| 17363 | 11/06/10                                 | M160 Inhibiteurs de Corrosion.pdf                | 224  |
| 17364 | 07/03/09                                 | MIL-A-18001K Zinc Sacrificial Anodes.pdf         | 2509 |
| 17365 | 04/06/10                                 | Mises ... la terre et protection cathodique.pdf  | 210  |
| 17366 | 13/07/07                                 | PCRA-004 Protection cathodique.pdf               | 86   |
| 17367 | 11/11/08                                 | Pipeline Corrosion & Cathodic Protection.pdf     | 7108 |
| 17368 | 13/07/07                                 | Sacrificial Anode Cathodic Protection.pdf        | 90   |
| 17369 | 20/02/07                                 | The Effect of Corrosion Myths.pdf                | 641  |
| 17370 | 03/12/05                                 | TM 5-811-7 Cathodic Protection.pdf               | 1237 |
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| 17372 | 11/06/10                                 | UFC 3-570-06 Cathodic Protection Maintenance.pdf | 1133 |
| 17373 | 27/09/06                                 | Underground Piping.pdf                           | 496  |
| 17374 | 27/06/08                                 | web-corrosion.ppt                                | 505  |
| 17375 | <b>Matériaux\Revêtements conducteurs</b> |  |      |
| 17376 | 13/09/07                                 | Alodine 1132 Boeing - Lessons learned.pdf        | 103  |
| 17377 | 25/01/13                                 | ALODINE_1500.pdf                                 | 68   |
| 17378 | 25/01/13                                 | ALODINE© 1200S-EN.pdf                            | 57   |
| 17379 | 10/09/07                                 | Alodine1132cont.pdf                              | 31   |
| 17380 | 10/09/07                                 | Alodine1132Man.pdf                               | 19   |
| 17381 | 03/09/07                                 | Chiral-Coated Fiber-Reinforced Plastic.pdf       | 323  |
| 17382 | 02/09/07                                 | Conductive Coatings.pdf                          | 219  |
| 17383 | 28/03/07                                 | Conductive Paint Technology.pdf                  | 243  |
| 17384 | 30/07/11                                 | Conductive painting of plastics.pdf              | 298  |
| 17385 | 01/11/08                                 | DStan 03-36_05 Cadmium Alternatives.pdf          | 357  |
| 17386 | 01/11/08                                 | DStan 21-5 I1_04 Protective Finishes.pdf         | 348  |
| 17387 | 17/01/13                                 | Feutre de retouche SurTec650.pdf                 | 29   |
| 17388 | 24/07/08                                 | Remplacement alodyne.doc                         | 19   |
| 17389 | 21/07/09                                 | Revements Conducteurs.pdf                        | 3572 |
| 17390 | 24/07/08                                 | Surtec 650 - ChromitAl TCP.pdf                   | 1683 |
| 17391 | 24/07/08                                 | SurTec 650.pdf                                   | 65   |
| 17392 | 24/07/08                                 | SurTec 680.pdf                                   | 55   |

|       |   |   |      |
|-------|---|---|------|
| 17393 | 30/07/07                                  | Transparent EMC Coating.pdf                       | 112  |
| 17394 | <b>Matériaux\Résistance des matériaux</b> |   |      |
| 17395 | 02/09/12                                  | Plasticité appliquée au calcul des structures.pdf | 579  |
| 17396 | 02/09/12                                  | RDM - Formulaire.pdf                              | 3803 |
| 17397 | 02/09/12                                  | Réseaux de poutres croisées.pdf                   | 297  |
| 17398 | 02/09/12                                  | Résistance des matériaux.pdf                      | 46   |
| 17399 | 02/09/12                                  | Stabilité de l'équilibre élastique.pdf            | 405  |
| 17400 | 02/09/12                                  | Structures élastiques ... plan moyen.pdf          | 1139 |
| 17401 | 02/09/12                                  | Structures élastiques planes chargées.pdf         | 254  |
| 17402 | 02/09/12                                  | Structures non linéairement élastiques.pdf        | 393  |
| 17403 | 02/09/12                                  | Théorie des poutres.pdf                           | 519  |
| 17404 | 02/09/12                                  | Vibrations des poutres.pdf                        | 492  |
| 17405 | <b>Matériaux\RoHS</b>                     |   |      |
| 17406 | 08/05/12                                  | Vishay Material Category Policy.pdf               | 320  |
| 17407 | <b>Matériaux\Semiconducteurs</b>          |   |      |
| 17408 | 16/11/09                                  | Résistivité des semi-conducteurs k720.pdf         | 637  |
| 17409 | 16/11/09                                  | Semi-conducteurs III-V GaN e1995.pdf              | 281  |
| 17410 | 16/11/09                                  | Semi-conducteurs III-V hétérostructures e2450.pdf | 178  |
| 17411 | 16/11/09                                  | SIC silicium carbone e1990.pdf                    | 193  |
| 17412 | 16/11/09                                  | Silicium sur isolant (SOI) e2380.pdf              | 280  |
| 17413 | <b>Matériaux\Soudage</b>                  |   |      |
| 17414 | 17/04/13                                  | DFM in a Lead Free World.pdf                      | 2592 |
| 17415 | 17/04/13                                  | Essential Elements for PCB Designers.pdf          | 1776 |
| 17416 | <b>Matériaux\Supraconductivité</b>        |   |      |
| 17417 | 14/11/09                                  | Haute température critique e1110.pdf              | 219  |
| 17418 | 05/03/13                                  | Superconductor-normal-metal tunnel junctions.pdf  | 187  |
| 17419 | 14/11/09                                  | Supraconducteurs k724.pdf                         | 475  |
| 17420 | <b>Matériaux\Température</b>              |   |      |
| 17421 | 05/04/13                                  | Température maximale d'isolants.doc               | 35   |
| 17422 | <b>Matériaux\Vide et air comprimé</b>     |   |      |
| 17423 | 06/12/13                                  | Accessoires des enceintes sous vide.pdf           | 999  |
| 17424 | 06/12/13                                  | Air comprimé dans l'industrie.pdf                 | 520  |
| 17425 | 06/12/13                                  | Calcul des installations sous vide.pdf            | 356  |
| 17426 | 06/12/13                                  | Distribution des gaz et vapeurs sous pression.pdf | 154  |
| 17427 | 06/12/13                                  | Enceintes sous vide.pdf                           | 394  |

|       |                           |  |      |
|-------|---------------------------|--|------|
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| 17429 | 06/12/13                  | Gaz ... très basse pression - Généralités.pdf      | 440  |
| 17430 | 05/02/10                  | Le vide et l'Ultra-vide.pdf                        | 1764 |
| 17431 | 02/08/08                  | Leak Detection.pdf                                 | 773  |
| 17432 | 02/08/08                  | Materials for high vacuum.pdf                      | 1736 |
| 17433 | 06/12/13                  | Mesure du vide.pdf                                 | 536  |
| 17434 | 06/12/13                  | Nature et qualité du vide - Contamination.pdf      | 455  |
| 17435 | 06/12/13                  | Pompage des compresseurs.pdf                       | 296  |
| 17436 | 06/12/13                  | Pompe ou groupe motopompe - Comportement.pdf       | 133  |
| 17437 | 05/12/13                  | Production du vide.pdf                             | 277  |
| 17438 | 12/11/07                  | Soudure sous vide.pdf                              | 4080 |
| 17439 | 06/12/13                  | Stations de pompage.pdf                            | 1526 |
| 17440 | 06/12/13                  | Techniques du vide - Introduction.pdf              | 110  |
| 17441 | 06/12/13                  | Traitements de surface des enceintes sous vide.pdf | 82   |
| 17442 | 02/08/08                  | UHV and XHV History.pdf                            | 646  |
| 17443 | 03/08/08                  | Vacuum Design Rules.pdf                            | 2979 |
| 17444 | 02/08/08                  | Vacuum Failures & Misconceptions.pdf               | 6164 |
| 17445 | 02/08/08                  | Vacuum gauges.pdf                                  | 1995 |
| 17446 | <b>Matériaux\Whiskers</b> |  |      |
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| 17448 | 19/09/13                  | Brasure sans plomb Whiskers.pdf                    | 1495 |
| 17449 | 17/10/06                  | emplacement whiskers.jpg                           | 91   |
| 17450 | 20/08/14                  | JESD201A_08 Tin Whiskers.pdf                       | 488  |
| 17451 | 10/05/09                  | JESD22-A121A Whiskers growth.pdf                   | 800  |
| 17452 | 12/08/14                  | JESD22A121A_14 Whisker Growth.pdf                  | 993  |
| 17453 | 16/07/08                  | JP002 Tin Whiskers Theory.pdf                      | 805  |
| 17454 | 20/08/14                  | JP002_06 Tin Whiskers Theory.pdf                   | 834  |
| 17455 | 07/03/08                  | Metal Whiskers 2007.pdf                            | 973  |
| 17456 | 17/11/05                  | Présentation Whiskers TES EDF.ppt                  | 987  |
| 17457 | 17/10/06                  | Présentation Whiskers.ppt                          | 8949 |
| 17458 | 17/10/06                  | Tin Tracer Diffusion.pdf                           | 6354 |
| 17459 | 17/10/06                  | Tin Whisker Failures.pdf                           | 1894 |
| 17460 | 19/11/02                  | whisker-motion-air.rm                              | 2545 |
| 17461 | 17/10/06                  | whiskers 123.jpg                                   | 64   |
| 17462 | 17/10/06                  | whiskers 5.jpg                                     | 57   |

|       |          |                       |    |
|-------|----------|-----------------------|----|
| 17463 | 17/10/06 | whiskers 6.jpg        | 51 |
| 17464 | 17/10/06 | whiskers détail 1.jpg | 67 |
| 17465 | 17/10/06 | whiskers détail 2.jpg | 57 |
| 17466 | 17/10/06 | whiskers détail 3.jpg | 77 |
| 17467 | 17/10/06 | whiskers détail 4.jpg | 52 |

17468

17469 **Mesures et méthodes**

17470

17471 **Mesures et méthodes\Analyse de modulation**

|       |          |   |      |
|-------|----------|---|------|
| 17472 | 30/09/15 | Analyse spectrale (R&S).pdf                         | 2248 |
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| 17481 | 29/07/15 | Basics of EMI Troubleshooting.pdf                         | 262  |
| 17482 | 18/12/15 | Building a Low Cost LISN for EMI Tests.pdf                | 445  |
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| 17484 | 06/10/14 | Conducted Emission Reference Source.pdf                   | 189  |
| 17485 | 23/12/07 | Design of Electric-optical Modulator.pdf                  | 182  |
| 17486 | 17/10/12 | EMC Consultant's Tool Kit-1.pdf                           | 1761 |
| 17487 | 21/11/14 | EMC Consultant's Tool Kit-2.pdf                           | 816  |
| 17488 | 18/12/04 | EMC Precompliance Testing.pdf                             | 169  |
| 17489 | 24/07/15 | EMC Tools to Help Pass the First Time.pdf                 | 292  |
| 17490 | 17/10/12 | EMC Troubleshooting Kit.pdf                               | 5108 |
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| 17492 | 06/09/05 | EMI-Debugging & Analysis Techniques.pdf                   | 528  |
| 17493 | 27/03/15 | Leading & Managing EMI Troubleshooting.pdf                | 871  |
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|       |   |   |      |
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| 17500 | 24/11/13  | Pre-Compliance Test Method for RE.pdf                                 | 538  |
| 17501 | 23/12/15  | Quantification of EMI in Metallic Casings.pdf                         | 3031 |
| 17502 | 17/10/12  | Simple EMC Tests.pdf  | 909  |
| 17503 | 13/04/15  | Slope & Amplitude controllable Triangular-Current Generator.pdf       | 170  |
| 17504 | 26/03/15  | Troubleshooting CE and RE.pdf   | 1136 |
| 17505 | 27/03/15  | Troubleshooting Radiated Immunity Issues.pdf                          | 1789 |
| 17506 | 26/03/15  | Troubleshooting Voltage Transient.pdf                                 | 412  |
| 17507 | 09/10/12  | Troubleshooting with Simple Coaxial Antenna.pdf                       | 529  |
| 17508 | 03/01/11  | Voltage probe for unshielded cables.pdf                               | 200  |
| 17509 | <b>Mesures et méthodes\Calibration</b>                      |   |      |
| 17510 | 23/12/15  | Calibration Method for Resistively Loaded Diode Detectors.pdf         | 564  |
| 17511 | 26/03/15  | Calibrations of Field Probes.pdf                                      | 731  |
| 17512 | 07/02/11  | EFT Injection Clamp Calibration Setup.pdf                             | 1032 |
| 17513 | <b>Mesures et méthodes\Champ proche (Near vs far field)</b> |   |      |
| 17514 | 12/12/07  | Analysis of Emission from PCB.pdf                                     | 147  |
| 17515 | 14/10/11  | Characterization Method of the RE for EMC.pdf                         | 306  |
| 17516 | 16/05/14  | Combine Cable Information Into Near-Field Data.pdf                    | 642  |
| 17517 | 18/11/13  | EMI Evaluation Method for Mobile Devices.pdf                          | 367  |
| 17518 | 23/12/15  | Emissions from PCBs Based on Near-field Scanning.pdf                  | 1619 |
| 17519 | 23/12/15  | Equivalent Dipole Models of EM Emissions from Near-field Scanning.pdf | 1813 |
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| 17524 | 20/11/14  | Far-field Radiation Estimation from Near-field and Image Theory.pdf   | 457  |
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| 17526 | 09/10/12  | Near-field Data to Far-field Estimation.pdf                           | 466  |
| 17527 | 06/10/11  | Near-Field H to E Transformation.pdf                                  | 1883 |
| 17528 | 08/10/08  | Near-field in Planar Microwave Circuits.pdf                           | 439  |
| 17529 | 28/06/14  | Near-Field Limit for Radiated-Emission.pdf                            | 405  |
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| 17531 | 15/08/14  | Near-Field Parasitic EM Emissions of Solar Panels.pdf                 | 819  |
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|       |  |  |      |
|-------|--|--|------|
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| 17534 | 23/12/15   | PCB Near-Field Transient Emission Time-Domain Model.pdf  | 408  |
| 17535 | 11/10/13   | Predicting EM Emissions Using Near-Field Scanning.pdf    | 283  |
| 17536 | 15/02/11   | Predicting Far Field Radiation of PCBs 1.pdf             | 117  |
| 17537 | 24/02/11   | Predicting Far Field Radiation of PCBs 2.pdf             | 829  |
| 17538 | 21/11/12   | RE Prediction based on Amplitude-Only Near-Field.pdf     | 511  |
| 17539 | 30/11/11   | RE Using Near-Field Measurements.pdf                     | 306  |
| 17540 | 23/12/15   | Removing the Spectral Leakage in Time-Domain.pdf         | 317  |
| 17541 | <b>Mesures et méthodes\Conduction en basse fréquence</b>       |  |      |
| 17542 | 24/11/13   | CISPR 32 Conducted Disturbance Voltages.pdf              | 374  |
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| 17546 | <b>Mesures et méthodes\Coupleurs et imagerie</b>               |  |      |
| 17547 | 16/04/15   | Optical Tracking for EMI Source Localization.pdf         | 376  |
| 17548 | 19/06/15   | Wideband Multiplexer for Direct Power Injection.pdf      | 675  |
| 17549 | <b>Mesures et méthodes\Facteur de qualité &amp; résonances</b> |  |      |
| 17550 | 13/03/12   | Atomic Sensor Based on Double Radiooptical Resonance.pdf | 158  |
| 17551 | 03/09/07   | Determination of Q by Curve-fitting.pdf                  | 124  |
| 17552 | 14/11/04   | High Frequency Resonance Effects.pdf                     | 833  |
| 17553 | 23/06/03   | Large cavity testing.pdf                                 | 421  |
| 17554 | 23/11/13   | Quality Factor Estimation of Cavities.pdf                | 754  |
| 17555 | <b>Mesures et méthodes\Incertitudes et qualité des mesures</b> |  |      |
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| 17566 | 11/01/14   | Artificial Mains Network Impedance.pdf                   | 141  |
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| 17622 | 03/11/08 | Measurement Uncertainty in Testing.pdf                       | 135  |
| 17623 | 22/07/09 | Measurements & Error Analysis.pdf                            | 93   |
| 17624 | 03/11/08 | Method of Stating Test Result.pdf                            | 43   |
| 17625 | 16/11/13 | Methods and Associated Errors.pdf                            | 452  |
| 17626 | 04/06/11 | Mismatch Correction by Measurements With AMN.pdf             | 195  |
| 17627 | 16/04/15 | Mismatch Loss on Mobile Phone.pdf                            | 980  |
| 17628 | 16/04/15 | Mismatch Uncertainty with Rayleigh Distribution 1.pdf        | 624  |
| 17629 | 16/04/15 | Mismatch Uncertainty with Rayleigh Distribution 2.pdf        | 472  |
| 17630 | 27/02/13 | Modeling complex systems for EMC applications.pdf            | 391  |
| 17631 | 20/08/09 | Monopole Antenna Measurement Accuracy.pdf                    | 386  |
| 17632 | 14/04/15 | Multi-Parametric Uncertainty Quantification Methods.pdf      | 231  |
| 17633 | 04/10/11 | Multiport VNA Measurement Uncertainty.pdf                    | 465  |
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|       |          |  |      |
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| 17639 | 09/02/05 | OCNF LCIE incertitudes.doc                                   | 24   |
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| 17641 | 24/06/03 | Polarization Uncertainty.pdf                                 | 74   |
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| 17643 | 17/06/07 | Precision LF AC Voltage Source.pdf                           | 43   |
| 17644 | 14/11/04 | Quadrature Polarization Uncertainty.pdf                      | 82   |
| 17645 | 18/08/09 | Radiated Correction Factor between 3m & 10m.pdf              | 390  |
| 17646 | 18/12/04 | Radiated Immunity Stability.pdf                              | 111  |
| 17647 | 06/09/11 | RE Uncertainty in the PT Program.pdf                         | 937  |
| 17648 | 17/12/05 | Reciprocity & EMC Measurements.pdf                           | 219  |
| 17649 | 29/10/08 | Reference Field for Round-Robin.pdf                          | 169  |
| 17650 | 09/02/05 | Réunion Incertitude 01-05.doc                                | 29   |
| 17651 | 10/07/11 | Revision of CISPR 16-4-2.pdf                                 | 220  |
| 17652 | 04/11/08 | SAUDI GUM.pdf  | 827  |
| 17653 | 28/02/11 | Set-Up Table for EMI Testing Above 1 GHz.pdf                 | 320  |
| 17654 | 26/02/04 | Signal substitution.pdf                                      | 110  |
| 17655 | 24/09/13 | Simplifying the Uncertainty Complexity.pdf                   | 3201 |
| 17656 | 30/11/11 | Standard Deviation of the Mismatch Correction.pdf            | 78   |
| 17657 | 25/02/04 | Statistical control method.pdf                               | 45   |
| 17658 | 26/08/09 | Test Equipment Specifics 1.pdf                               | 173  |
| 17659 | 28/02/11 | Test Equipment Specifics 2.pdf                               | 275  |
| 17660 | 24/09/13 | Tools for Uncertainty Evaluation in a Lab.pdf                | 508  |
| 17661 | 03/11/08 | Uncertainties According to ISO Guide.pdf                     | 86   |
| 17662 | 03/09/07 | Uncertainties in 3-m Radiated Emission.pdf                   | 446  |
| 17663 | 11/09/05 | Uncertainties in Directional Couplers.pdf                    | 120  |
| 17664 | 05/12/04 | Uncertainties in T-F Transformations.pdf                     | 68   |
| 17665 | 28/08/15 | Uncertainty Analysis for TEM Waveguides.pdf                  | 291  |
| 17666 | 07/03/04 | Uncertainty and Confidence.pdf                               | 86   |
| 17667 | 26/10/12 | Uncertainty Due to Mismatch.pdf                              | 618  |
| 17668 | 30/07/11 | Uncertainty for antenna calibration.pdf                      | 36   |
| 17669 | 25/11/13 | Uncertainty for Calibrations of Dipole-like Antennas.pdf     | 194  |
| 17670 | 15/02/13 | Uncertainty in Feature Selective Validation (FSV) Method.pdf | 223  |
| 17671 | 06/09/05 | Uncertainty in reverberation chambers.pdf                    | 249  |
| 17672 | 24/08/09 | Uncertainty in Stating Pass-Fail 2.pdf                       | 176  |

|       |   |   |      |
|-------|---|---|------|
| 17673 | 13/11/11  | Uncertainty in Stating Pass-Fail 3.pdf                | 273  |
| 17674 | 03/09/08  | Uncertainty in Stating Pass-Fail.pdf                  | 118  |
| 17675 | 28/10/07  | Uncertainty of an ESD Generator.pdf                   | 168  |
| 17676 | 27/02/13  | Uncertainty of EMI in the 1 - 18 GHz range.pdf        | 152  |
| 17677 | 24/08/09  | Uncertainty of SVSWR and ANSI methods.pdf             | 2759 |
| 17678 | 29/10/08  | Uncertainty of the Time-domain EMI.pdf                | 135  |
| 17679 | 29/10/08  | Uncertainty of Transfer Impedance.pdf                 | 134  |
| 17680 | 20/11/14  | Uncertainty Quantification of EM-Circuit Systems.pdf  | 267  |
| 17681 | 16/04/15  | Uncertainty with unknown phase.pdf                    | 171  |
| 17682 | 21/08/13  | Unidirectional Impulse Waveforms Error due to BW.pdf  | 354  |
| 17683 | 26/10/12  | USB Peak and Average Power Sensors.pdf                | 485  |
| 17684 | 13/11/04  | U-Shaped Probability Distribution.pdf                 | 60   |
| 17685 | 06/09/05  | U-Shaped Probability Distribution-2.pdf               | 108  |
| 17686 | 22/02/09  | Using a Spherical Dipole Radiator.pdf                 | 276  |
| 17687 | 04/01/10  | Vade mecum - Calcul incertitudes.doc                  | 34   |
| 17688 | <b>Mesures et méthodes\Incertitudes et qualité des mesures\EA</b>   |   |      |
| 17689 | 04/12/10  | EA-4-02 Calibration Uncertainty.pdf                   | 373  |
| 17690 | 03/11/08  | EA-4-16 Expression of uncertainty.pdf                 | 155  |
| 17691 | <b>Mesures et méthodes\Incertitudes et qualité des mesures\Intercomparaison Ineris</b>                              |   |      |
| 17692 | 17/12/09  | Programme 2010 inter-laboratoire 61000-4-3.pdf        | 327  |
| 17693 | 17/12/09  | RAPORT POUR CHAQUE LABO.pdf                           | 111  |
| 17694 | 07/06/06  | Rapport d'étude INERIS 2006.pdf                       | 837  |
| 17695 | 09/03/09  | Rapport d'intercomparaison 2009.pdf                   | 620  |
| 17696 | 24/03/06  | rapport inter comparaison.doc                         | 2309 |
| 17697 | 30/08/02  | Rapport ONCF INERIS 2002.pdf                          | 350  |
| 17698 | <b>Mesures et méthodes\Incertitudes et qualité des mesures\Intercomparaison Ineris\Intercomparaison Ineris 2004</b> |   |      |
| 17699 | 06/01/05  | ANNEXE 1.PDF  | 35   |
| 17700 | 06/01/05  | ANNEXE 2.pdf  | 169  |
| 17701 | 06/01/05  | ANNEXE 3.pdf  | 163  |
| 17702 | 06/01/05  | ANNEXE 4.PDF  | 20   |
| 17703 | 06/01/05  | ANNEXE 5.PDF  | 55   |
| 17704 | 06/01/05  | Rapport intermédiaire.pdf                             | 294  |
| 17705 | 07/06/06  | rapport trait inf.doc                                 | 2535 |
| 17706 | <b>Mesures et méthodes\Laboratoires CEM et leurs logiciels</b>  |   |      |
| 17707 | 27/03/15  | Conformity Assessment Topics for EMC Laboratories.pdf | 670  |

|       |   |   |      |
|-------|---|---|------|
| 17708 | 29/07/15  | EMC Lab Selection - Revisited.pdf                       | 211  |
| 17709 | 14/03/16  | Future EMC Test Laboratory Capabilities.pdf             | 1773 |
| 17710 | 29/07/15  | Problems That Can Arise in a Working EMC Laboratory.pdf | 669  |
| 17711 | 27/03/15  | Selecting a Quality EMC Lab.pdf                         | 63   |
| 17712 | 27/07/15  | Turtle Method of Selecting EMC Test Software.pdf        | 251  |
| 17713 | 27/03/15  | US Telecom Mutual Recognition Agreements (MRAs).pdf     | 259  |
| 17714 | <b>Mesures et méthodes\Logiciels et automatisation</b>        |   |      |
| 17715 | 20/08/09  | Automated Measurement of Intermittent Signals.pdf       | 200  |
| 17716 | 25/02/04  | Automatic measurements.pdf                              | 83   |
| 17717 | 21/03/04  | Détection soft de plantage.pdf                          | 123  |
| 17718 | 21/03/04  | Kron method and wavelets.pdf                            | 206  |
| 17719 | 21/06/03  | PDP emission.pdf  | 504  |
| 17720 | 20/02/07  | Testing of Digital Systems.pdf                          | 220  |
| 17721 | <b>Mesures et méthodes\Mesures au dessus de 1 GHz</b>         |   |      |
| 17722 | 20/11/14  | Antenna Scanning above 1 GHz.pdf                        | 2477 |
| 17723 | 25/02/04  | CISPR 16-1 above 1 GHz.pdf                              | 170  |
| 17724 | 30/07/11  | CISPR ?1 GHz antenna calibration.pdf                    | 240  |
| 17725 | 26/03/15  | CISPR16 RE ? 1GHz - Antenna Pattern.pdf                 | 3206 |
| 17726 | 05/09/07  | EMC Emission Testing Above 1GHz.pdf                     | 286  |
| 17727 | 24/06/03  | EMI above 1 GHz.pdf                                     | 124  |
| 17728 | 28/02/11  | EMI Measurements Above 1GHz in CISPR.pdf                | 127  |
| 17729 | 28/02/11  | EMI Measurements Above 1GHz.pdf                         | 335  |
| 17730 | 08/10/12  | EMI Measurements through Ka-Band up to 40GHz.pdf        | 572  |
| 17731 | 28/02/11  | EMI Requirements Above 1 GHz in BSMI.pdf                | 31   |
| 17732 | 21/11/14  | Empirical Validation of Time Domain Methods.pdf         | 1128 |
| 17733 | 27/07/07  | ERA Assessment above 1 GHz.pdf                          | 1179 |
| 17734 | 21/11/14  | Evolution of Time Domain Site VSWR above 1 GHz.pdf      | 690  |
| 17735 | 21/11/14  | Experiences with Time-Domain sVSWR.pdf                  | 1379 |
| 17736 | 28/02/11  | FCC Emissions Tests Above 1GHz for Digital Devices.pdf  | 296  |
| 17737 | 14/11/04  | Noise Figure & Gain above 1 GHz.pdf                     | 84   |
| 17738 | 10/01/08  | RE Measurement Method above 1 GHz.pdf                   | 142  |
| 17739 | 20/08/09  | Realtime Time-domain Measurement above 1 GHz.pdf        | 253  |
| 17740 | 26/08/09  | Solution on EMI testing above 1GHz.pdf                  | 261  |
| 17741 | 03/04/15  | Time Domain sVSWR Measurements & Model Verification.pdf | 558  |
| 17742 | <b>Mesures et méthodes\Mesures d'antennes et substitution</b> |   |      |

|       |  |   |      |
|-------|--|---|------|
| 17743 | 05/06/07   | ANSI C.63.5 for 1 Meter Calibration.pdf                       | 215  |
| 17744 | 17/10/11   | Antenna Calibration in Plastic-Concrete-Metallic Conduits.pdf | 474  |
| 17745 | 15/12/04   | Broadband Antenna Validation.pdf                              | 112  |
| 17746 | 05/06/11   | Free-Space Antenna-Factor Measurement.pdf                     | 292  |
| 17747 | 05/04/08   | Gain Characterization of the RF Path.pdf                      | 150  |
| 17748 | 17/10/11   | Reference Antenna Method for Antenna Calibration.pdf          | 255  |
| 17749 | 10/01/11   | Reference Antenna Method for Short Monopole Antennas.pdf      | 421  |
| 17750 | 12/01/11   | Spurious Emissions Measurement by Substitution Method .pdf    | 101  |
| 17751 | 14/10/13   | Substituting EMC emission measurement.pdf                     | 813  |
| 17752 | <b>Mesures et méthodes\Mesures de bruits impulsifs</b> |   |      |
| 17753 | 15/02/13   | Capability of Detecting Impulsive Noise.pdf                   | 344  |
| 17754 | 27/03/15   | Capturing Intermittent Signals.pdf                            | 7776 |
| 17755 | 26/09/10   | Equivalent Impulse Bandwidth.pdf                              | 112  |
| 17756 | 08/09/05   | Measurement of Impulsive Signals.pdf                          | 150  |
| 17757 | 20/12/11   | Standards define test impulses.pdf                            | 208  |
| 17758 | 31/12/14   | TDOA Locating System of Pulsed EM Source.pdf                  | 924  |
| 17759 | <b>Mesures et méthodes\Mesures de câbles</b>           |   |      |
| 17760 | 28/10/07   | Cable Effects on Conducted Emissions.pdf                      | 286  |
| 17761 | 10/12/07   | Cables Inside an Overmoded Enclosure.pdf                      | 357  |
| 17762 | 15/03/11   | Mesure de câble blindé ... la pince MDS21.pdf                 | 812  |
| 17763 | <b>Mesures et méthodes\Mesures de champs et EMI</b>    |   |      |
| 17764 | 23/08/06   | A-5541F Spread Spectrum Receiver.pdf                          | 1140 |
| 17765 | 18/11/05   | CISPR 14 Part1.pdf  | 314  |
| 17766 | 06/03/04   | Common Mode Radiated Emissions.pdf                            | 1562 |
| 17767 | 20/12/04   | Electrical Size and Its Implication.pdf                       | 100  |
| 17768 | 21/11/14   | EMC Testing with Broadband Interfering Signals.pdf            | 1046 |
| 17769 | 03/09/08   | Emission Measurements for Floor-standing Equipment.pdf        | 44   |
| 17770 | 17/10/12   | Emission Measurements for Tabletop Equipment.pdf              | 465  |
| 17771 | 12/12/06   | Emission of Floor-standing Equipment.pdf                      | 51   |
| 17772 | 12/12/06   | Emission of Tabletop Equipment.pdf                            | 50   |
| 17773 | 23/06/03   | Large Systems.pdf   | 209  |
| 17774 | 17/10/12   | Measuring Floor-Standing Equipment.pdf                        | 2857 |
| 17775 | 11/01/06   | Measuring RF EM Radiations.pdf                                | 168  |
| 17776 | 09/12/13   | Mesures de champ électromagnétique.pdf                        | 578  |
| 17777 | 01/01/07   | Platform EMI from LCD Panels.pdf                              | 317  |

|       |  |   |      |
|-------|--|---|------|
| 17778 | 10/04/15   | Practical Considerations for RFI-EMC Testing.pdf              | 605  |
| 17779 | 31/12/14   | Proficiency Test of Radiated Emission Measurements.pdf        | 311  |
| 17780 | 13/11/04   | Radiated Electromagnetic Fields.pdf                           | 224  |
| 17781 | 06/09/05   | Radiated Emission Distance Dependence.pdf                     | 226  |
| 17782 | 20/11/14   | Size of devices to be measured at 3 m.pdf                     | 618  |
| 17783 | 23/08/06   | Spread Spectrum EMI Receiver.pdf                              | 2004 |
| 17784 | <b>Mesures et méthodes\Mesures de composants</b>       |   |      |
| 17785 | 08/02/16   | Noise figure uncertainty in Y factor method.pdf               | 346  |
| 17786 | 11/01/14   | RFI Evaluation Method for Mobile Devices.pdf                  | 371  |
| 17787 | <b>Mesures et méthodes\Mesures en champs proches</b>   |   |      |
| 17788 | 13/12/06   | Analytical Methods for Near Field Scanning.pdf                | 1199 |
| 17789 | 12/07/12   | Automated Near-Field Scanning Algorithm.pdf                   | 712  |
| 17790 | 09/10/14   | Broadband Measurement of Near-Fields for EMC Applications.pdf | 471  |
| 17791 | 03/09/07   | Compensation of Near-Field Scans.pdf                          | 610  |
| 17792 | 24/11/13   | Difference Method for E Near-Field Measurements.pdf           | 715  |
| 17793 | 13/10/14   | EMC Near Field Manual Scanning.pdf                            | 2352 |
| 17794 | 21/08/09   | Format for Near-Field Scan Data.pdf                           | 118  |
| 17795 | 11/01/14   | Hotspot Localization by Near-Field Sampling.pdf               | 345  |
| 17796 | 04/06/06   | Mesures en champ proche.pdf                                   | 2500 |
| 17797 | 09/06/07   | Near-Field Antenna Measurement.pdf                            | 124  |
| 17798 | 07/02/11   | Near-Field Scan for Platform RFI Analysis.pdf                 | 441  |
| 17799 | 18/12/04   | Near-Field Scanning.pdf                                       | 206  |
| 17800 | 31/08/07   | Near-Field Techniques in EMC.pdf                              | 341  |
| 17801 | 18/12/04   | Near-field techniques.pdf                                     | 215  |
| 17802 | 11/07/12   | Phaseless LF Near-Field Measurements.pdf                      | 1407 |
| 17803 | 23/12/15   | Planar Scanning Area in Near-to-Far-Field Transformations.pdf | 573  |
| 17804 | 05/12/04   | Planar versus Spherical Emission.pdf                          | 121  |
| 17805 | 16/04/15   | Reconstruction of Currents from Near-Field Measurements.pdf   | 658  |
| 17806 | 14/04/15   | Source Reconstruction and Huygens's Equivalence.pdf           | 563  |
| 17807 | 26/03/15   | Using measured Fields as Field Sources.pdf                    | 3116 |
| 17808 | 31/05/13   | Vector Near Field Scanning.pdf                                | 548  |
| 17809 | 08/10/12   | Vector Near-field Scanning System.pdf                         | 523  |
| 17810 | 26/03/15   | Very Near Fields Measurements.pdf                             | 1248 |
| 17811 | <b>Mesures et méthodes\Mesures en électrotechnique</b> |   |      |
| 17812 | 28/06/15   | Guide de la mesure d'isolement.pdf                            | 580  |

|       |  |  |      |
|-------|--|--|------|
| 17813 | 29/07/15   | Measuring Leakage Current.pdf                            | 316  |
| 17814 | 19/08/12   | Mesures en électrotechnique - Dispositifs.pdf            | 685  |
| 17815 | 19/08/12   | Mesures en électrotechnique - Mise en oeuvre.pdf         | 2601 |
| 17816 | 30/06/07   | Partial Discharges Test.pdf                              | 62   |
| 17817 | <b>Mesures et méthodes\Mesures en haute tension</b>              |  |      |
| 17818 | 22/05/15   | High-Speed High-Voltage Measurements.pdf                 | 167  |
| 17819 | <b>Mesures et méthodes\Mesures en temporel - FFT &amp; FFT-1</b> |  |      |
| 17820 | 07/05/15   | Analyze Agile or Elusive signals - Real-time.pdf         | 1517 |
| 17821 | 25/01/16   | Analyzing Frequency Stability in the F and T Domains.pdf | 530  |
| 17822 | 04/03/13   | EMC Measurements in the Time-Domain.pdf                  | 1164 |
| 17823 | 10/01/06   | FFT Measurements.pdf                                     | 1787 |
| 17824 | 18/08/12   | High dynamic-range time-domain EMI measurement.pdf       | 1309 |
| 17825 | 04/03/13   | Low-Noise Time-Domain EMI Measurement System.pdf         | 249  |
| 17826 | 27/08/08   | Measurement of EMI in time-domain.pdf                    | 215  |
| 17827 | 08/09/05   | Multiresolution Time Domain EMI.pdf                      | 421  |
| 17828 | 06/03/13   | Rabbit Ears Pulse-Envelope Phenomenon.pdf                | 4130 |
| 17829 | 06/07/08   | Real Time-Domain EMI Measurement.pdf                     | 645  |
| 17830 | 13/12/07   | Realtime Time-domain Measurement.pdf                     | 211  |
| 17831 | 05/01/03   | Risetime measurement.pdf                                 | 778  |
| 17832 | 07/05/15   | Selecting an Oscilloscope - Keysight.pdf                 | 1467 |
| 17833 | 13/11/04   | TDEMI Measurement System.pdf                             | 759  |
| 17834 | 09/12/07   | Time Domain Emission Measurement.pdf                     | 268  |
| 17835 | 10/10/11   | Time-Domain EMI Measurement Receiver.pdf                 | 238  |
| 17836 | 30/11/11   | Time-Domain EMI Measurement System up to 18 GHz.pdf      | 814  |
| 17837 | 06/12/07   | Time-domain EMI Measurement.pdf                          | 507  |
| 17838 | 19/08/09   | Time-Domain EMI Measurements & Ambient Noise.pdf         | 622  |
| 17839 | 21/11/14   | Time-Domain Metrics in Anechoic Chambers.pdf             | 4619 |
| 17840 | 10/10/11   | Time-Domain System for EMI Measurements in K-Band.pdf    | 208  |
| 17841 | <b>Mesures et méthodes\Mesures et tests aéronautiques</b>        |  |      |
| 17842 | 22/02/11   | EUROCAE ED-130 Transmitting Antenna.pdf                  | 294  |
| 17843 | 28/02/11   | Experiences of Testing to DO-160.pdf                     | 482  |
| 17844 | 25/02/04   | RF transmissivity.pdf                                    | 179  |
| 17845 | 30/11/03   | RTCA_DO160D Change 1.pdf                                 | 370  |
| 17846 | <b>Mesures et méthodes\Mesures et tests militaires</b>           |  |      |
| 17847 | 07/02/11   | CE in Accordance with Military Standard.pdf              | 202  |

|       |  |  |      |
|-------|--|--|------|
| 17848 | 26/02/16   | Conducted Susceptibility Limits for System-Level EMC.pdf     | 192  |
| 17849 | 14/12/05   | CS101_461E.pdf   | 183  |
| 17850 | 26/08/08   | MIL-STD-461E & F RE102 setup.pdf                             | 585  |
| 17851 | 08/09/05   | MIL-STD-461E RE Measurements.pdf                             | 133  |
| 17852 | 07/01/11   | MIL-STD461E vs 461F Rod Antenna.pdf                          | 839  |
| 17853 | <b>Mesures et méthodes\Mesures électriques et de puissance</b> |  |      |
| 17854 | 01/09/08   | Bolometer & Efficiency Measurement.pdf                       | 1081 |
| 17855 | 14/01/16   | Differential Oscilloscope Measurements.pdf                   | 511  |
| 17856 | 14/01/16   | Floating Oscilloscope Measurements - Operator Protection.pdf | 588  |
| 17857 | 07/05/15   | Impedance Measurement Handbook - Keysight.pdf                | 1971 |
| 17858 | 05/06/11   | New Directional Coupler.pdf                                  | 953  |
| 17859 | 18/08/09   | Power Balance Method for E field calculations.pdf            | 586  |
| 17860 | 07/06/09   | Power Measurement of OFDM Signals.pdf                        | 305  |
| 17861 | 25/01/16   | Precise Power Measurements in the Field.pdf                  | 902  |
| 17862 | 26/10/12   | Prevent Damaging Power Meters.pdf                            | 536  |
| 17863 | 07/05/15   | Scope Probes - Keysight.pdf                                  | 3057 |
| 17864 | 07/05/15   | Successful impedance measurements - Keysight.pdf             | 298  |
| 17865 | 27/08/08   | Total-Radiated-Power vs E-Field.pdf                          | 365  |
| 17866 | 01/09/08   | X-Band Microwave Microcalorimeter.pdf                        | 786  |
| 17867 | <b>Mesures et méthodes\Mesures magnétiques</b>                 |  |      |
| 17868 | 03/08/08   | Beam Current Monitors - Denard.pdf                           | 485  |
| 17869 | 12/11/04   | Magnetic Field Noise.pdf                                     | 116  |
| 17870 | 19/12/04   | Magnetic Near-Field Measurements.pdf                         | 288  |
| 17871 | 16/04/03   | Magnétomètres.pdf  | 469  |
| 17872 | 30/11/03   | Near H field radiations.pdf                                  | 484  |
| 17873 | 23/06/03   | Non-Linear Switching Trans.pdf                               | 433  |
| 17874 | <b>Mesures et méthodes\Mesures près du bruit</b>               |  |      |
| 17875 | 29/03/09   | Low Level Measurements Handbook.pdf                          | 1508 |
| 17876 | 27/02/13   | Weak Radiation Power Measurement Technique.pdf               | 428  |
| 17877 | <b>Mesures et méthodes\Mesures radar</b>                       |  |      |
| 17878 | 25/06/15   | Measuring high power RF pulse field levels.pdf               | 257  |
| 17879 | 08/07/07   | Radar Spectrum Measurement.pdf                               | 1346 |
| 17880 | 17/10/06   | UIT rcg-4.pdf  | 347  |
| 17881 | 18/12/04   | Ultrawideband Diagnostic Imaging.pdf                         | 355  |
| 17882 | <b>Mesures et méthodes\Mesures radio</b>                       |  |      |

|       |  |   |      |
|-------|--|---|------|
| 17883 | 11/01/08   | 3D Radiated Spurious Emission Test.pdf              | 342  |
| 17884 | 14/01/08   | EMC & Wireless in the Test Lab.pdf                  | 210  |
| 17885 | 18/12/06   | EMC Testing of a SRD.pdf                            | 259  |
| 17886 | 10/04/15   | ETSI Burst Power Sensors.pdf                        | 1786 |
| 17887 | 08/09/05   | Isolation in RF-measurement.pdf                     | 296  |
| 17888 | 06/03/13   | Measured Power and Bandwidth for Chirped Pulses.pdf | 1992 |
| 17889 | 28/12/12   | Measuring Distortion in Broadband Devices.pdf       | 489  |
| 17890 | 31/08/07   | PIM Evaluation of Metallic Materials.pdf            | 154  |
| 17891 | 10/04/15   | Radiated Performance of Wireless Devices.pdf        | 204  |
| 17892 | 06/03/13   | Radio Channel Impulse Response.pdf                  | 348  |
| 17893 | 28/10/07   | RMS Weighting & Digital Communication.pdf           | 189  |
| 17894 | 31/12/06   | Spurious Emission in Time-domain.pdf                | 360  |
| 17895 | 11/01/06   | Spurious Emissions.pdf                              | 175  |
| 17896 | 07/03/04   | System Noise Figure and Gain.pdf                    | 91   |
| 17897 | 14/01/08   | Testing Wireless Devices.pdf                        | 91   |
| 17898 | 19/11/12   | Topographie Topométrie Géodésie.pdf                 | 447  |
| 17899 | 20/02/02   | Total radiated power.pdf                            | 141  |
| 17900 | 11/01/06   | Unwanted Emissions.pdf                              | 118  |
| 17901 | 29/10/08   | Weakly Nonlinear Bandpass System.pdf                | 171  |
| 17902 | <b>Mesures et méthodes\Mesures sur circuits imprimés</b> |   |      |
| 17903 | 26/08/08   | Common Mode U & I of ASIC Devices.pdf               | 75   |
| 17904 | 29/10/08   | DNA Method at the System Level.pdf                  | 77   |
| 17905 | 01/01/07   | Laser Optical In-Circuit Measurement.pdf            | 295  |
| 17906 | 30/06/09   | Transverse Partitioning & Waveform Relaxation.pdf   | 290  |
| 17907 | 21/03/09   | Triggering a Logic Analyzer.pdf                     | 93   |
| 17908 | <b>Mesures et méthodes\Mesures sur site</b>              |   |      |
| 17909 | 23/12/07   | EMI Testing in Clean Room.pdf                       | 118  |
| 17910 | 27/08/08   | In Situ Testing - Conduction.pdf                    | 394  |
| 17911 | 27/08/08   | In Situ Testing - Radiation.pdf                     | 423  |
| 17912 | 11/01/08   | Measuring in Congested Environments.pdf             | 173  |
| 17913 | 28/01/07   | On-Site EMC Test Methods.pdf                        | 505  |
| 17914 | 20/08/09   | On-Site EMC Testing & EMI Prevention.pdf            | 186  |
| 17915 | 20/11/12   | Precise Interference Measurements in the Field.pdf  | 1385 |
| 17916 | 20/11/12   | Precise Measurement Calibrations in the Field.pdf   | 745  |
| 17917 | 24/07/15   | Prepping for EMI Testing.pdf                        | 178  |



|       |   |   |      |
|-------|---|---|------|
| 17918 | 24/09/13  | Spectrum Analysis in a Congested EM Environment.pdf | 422  |
| 17919 | 25/12/07  | Testing Large Industrial Systems.pdf                | 223  |
| 17920 | <b>Mesures et méthodes\Mesures vectorielles</b>                   |   |      |
| 17921 | 14/04/15  | R&S Mesures Antennes par VNA.pdf                    | 1914 |
| 17922 | 14/04/15  | R&S TP-Analyse de réseau vectorielle_2015.pdf       | 192  |
| 17923 | <b>Mesures et méthodes\Méthodes fondamentales &amp; CEM</b>       |   |      |
| 17924 | 05/09/05  | 2005 Basic EMC Measurements.pdf                     | 1115 |
| 17925 | 15/12/04  | Basic EMC Measurements.pdf                          | 963  |
| 17926 | 27/03/15  | Basic EMC Measurements-2.pdf                        | 1009 |
| 17927 | 18/10/06  | Broadband EMI Noise Measurement.pdf                 | 653  |
| 17928 | 15/02/13  | Detecting Unintended Electromagnetic Emissions.pdf  | 342  |
| 17929 | 08/04/07  | Electromagnetic Scanning.pdf                        | 1061 |
| 17930 | 12/01/08  | EMC & RF Measurements.pdf                           | 204  |
| 17931 | 24/09/13  | EMC Measurements Fundamental Ideas.pdf              | 1876 |
| 17932 | 25/02/04  | EMC measurements.pdf                                | 1203 |
| 17933 | 21/03/04  | EMC System Approach.pdf                             | 118  |
| 17934 | 16/08/06  | EMC Testing Part 1.pdf                              | 932  |
| 17935 | 16/08/06  | EMC Testing Part 2.pdf                              | 953  |
| 17936 | 16/08/06  | EMC Testing Part 3.pdf                              | 737  |
| 17937 | 16/08/06  | EMC Testing Part 4.pdf                              | 1094 |
| 17938 | 16/08/06  | EMC Testing Part 5.pdf                              | 715  |
| 17939 | 16/08/06  | EMC Testing Part 6.pdf                              | 1214 |
| 17940 | 16/08/06  | EMC Testing Part 7.pdf                              | 687  |
| 17941 | 04/12/04  | Emissions Automated Measurement.pdf                 | 153  |
| 17942 | 21/12/04  | Hardware Invariant Protocol.pdf                     | 337  |
| 17943 | 18/11/05  | Luminaires Emission Assessment.pdf                  | 2165 |
| 17944 | 28/08/08  | Measurements Basics.pdf                             | 206  |
| 17945 | 05/12/04  | Measurements.pdf                                    | 93   |
| 17946 | 21/03/04  | Méthode de ligne de transmission.pdf                | 158  |
| 17947 | 17/08/06  | Metric Practice.pdf                                 | 69   |
| 17948 | 14/05/11  | Standards and Measurement Methods.pdf               | 267  |
| 17949 | 12/11/04  | Standing Wave Method in Free Space.pdf              | 255  |
| 17950 | 26/08/09  | Test Equipment Fundamentals 1.pdf                   | 354  |
| 17951 | 28/02/11  | Test Equipment Fundamentals 2.pdf                   | 366  |
| 17952 | <b>Mesures et méthodes\Méthodes, modélisation et statistiques</b> |   |      |

|       |  |  |      |
|-------|--|--|------|
| 17953 | 26/08/08   | Alternative test methods.pdf                           | 122  |
| 17954 | 23/12/07   | Immunity Logistic Regression.pdf                       | 112  |
| 17955 | 08/10/12   | Improved 80%-80% Statistical Methods - CISPR 32.pdf    | 226  |
| 17956 | 01/09/08   | Limitations of Simulation Techniques.pdf               | 364  |
| 17957 | 02/09/08   | Modeling & Measuring - Great Schism.pdf                | 266  |
| 17958 | 31/12/06   | Statistical Electromagnetics.pdf                       | 140  |
| 17959 | 06/07/08   | Statistical EM - Complex Cavities.pdf                  | 134  |
| 17960 | 06/07/08   | Statistical Variations in EM Problems.pdf              | 750  |
| 17961 | <b>Mesures et méthodes\Récepteurs, VNA &amp; détecteurs</b>        |  |      |
| 17962 | 04/01/10   | Analyseur réseau Abaque Smith HP.pdf                   | 1530 |
| 17963 | 09/03/09   | CISPR RMS detector.pdf                                 | 640  |
| 17964 | 21/08/13   | Conversion Factors for Impulse and Gaussian Noises.pdf | 235  |
| 17965 | 04/07/14   | EMI-Receiver according to CISPR 16-1-1.pdf             | 310  |
| 17966 | 17/10/06   | Impulse Bandwidth Specifications.pdf                   | 214  |
| 17967 | 31/08/15   | Keysight - Enhance EMC Testing with Digital IF.pdf     | 711  |
| 17968 | 27/06/14   | New CISPR Detectors.pdf                                | 1766 |
| 17969 | 18/12/04   | Quasi-Peak Detector for TDMS.pdf                       | 918  |
| 17970 | 03/09/07   | Quasi-Peak Detector Model.pdf                          | 548  |
| 17971 | 08/04/07   | Spectrum Analyzer vs. Test Receiver.pdf                | 388  |
| 17972 | 08/04/07   | Test Receiver vs. Spectrum Analyzer.pdf                | 98   |
| 17973 | 24/08/09   | Twenty First Century EMI Detectors.pdf                 | 1794 |
| 17974 | 02/01/14   | Using FieldFox Handheld Analyzers.pdf                  | 721  |
| 17975 | 08/06/12   | Vector Network Analyzer (VNA) Calibration.pdf          | 347  |
| 17976 | <b>Mesures et méthodes\Réflexométrie &amp; mesures d'impédance</b> |  |      |
| 17977 | 12/01/10   | Analyseurs de réseaux et d'impédances.doc              | 380  |
| 17978 | 09/02/12   | Anritsu Embedding - De-embedding.pdf                   | 289  |
| 17979 | 20/08/09   | Impedance Matching Couplers for PLCs.pdf               | 162  |
| 17980 | 26/09/10   | In-Circuit Impedance Measurements.pdf                  | 524  |
| 17981 | 22/12/05   | Insulation Resistance Testing.pdf                      | 262  |
| 17982 | 02/09/08   | Loop Resistance Tester.pdf                             | 689  |
| 17983 | 14/10/11   | Method for Measuring Partial Inductance.pdf            | 240  |
| 17984 | 03/09/07   | Noise-Domain Reflectometry.pdf                         | 329  |
| 17985 | 05/06/02   | Nose-to-nose calibration.pdf                           | 66   |
| 17986 | 08/02/12   | Tektronix TDR Impedance Measurements.pdf               | 3969 |
| 17987 | 01/03/09   | Time-Frequency-Domain Reflectometry.pdf                | 279  |

|       |  |  |      |
|-------|--|--|------|
| 17988 | <b>Mesures et méthodes\RSIL, réseaux artificiels et pinces</b> |  |      |
| 17989 | 15/08/14   | Asymmetric Artificial Network With an Asymmetrical Transformer.pdf | 502  |
| 17990 | 16/04/15   | Calibration Jigs for LISN Impedance Measurements.pdf               | 510  |
| 17991 | 07/10/06   | Calibration of AMN & Absorbing Clamps.pdf                          | 863  |
| 17992 | 10/04/15   | ISO-IEC 17025 Calibration of an LISN.pdf                           | 75   |
| 17993 | 13/02/02   | LISN parameters.pdf  | 140  |
| 17994 | 26/09/11   | Measurement Facility - Combined Impedance Study.pdf                | 408  |
| 17995 | 01/03/09   | Measurement of EMI without LISN.pdf                                | 141  |
| 17996 | 23/12/07   | Telecommunication Port of ISNs.pdf                                 | 105  |
| 17997 | 13/10/11   | VHF LISN for RE Measurements.pdf                                   | 304  |
| 17998 | <b>Mesures et méthodes\Sites et installations de mesures</b>   |  |      |
| 17999 | 16/06/10   | Accélération mesures en chambres anéchoïque.pdf                    | 691  |
| 18000 | 27/07/15   | Buying a Used Test Chamber.pdf                                     | 92   |
| 18001 | 08/09/05   | CISPR 25 ALSE Method.pdf   | 160  |
| 18002 | 23/07/15   | CISPR-16 sVSWR Compliance.pdf                                      | 225  |
| 18003 | 05/03/14   | EMI-EMC Control Test and Measurement Facility.pdf                  | 1686 |
| 18004 | 21/12/04   | GTEM cells in 61000-4-20.pdf                                       | 531  |
| 18005 | 09/09/05   | Method to Characterize Ground Planes.pdf                           | 495  |
| 18006 | 29/07/15   | OATS Construction - Lessons Learned.pdf                            | 462  |
| 18007 | 30/11/03   | Room for radiated emissions.pdf                                    | 389  |
| 18008 | 16/02/02   | Stripline in chamber.pdf   | 49   |
| 18009 | 18/02/02   | Theoretical NSA.pdf  | 168  |
| 18010 | 03/04/15   | Validation Method for EMC RE Test Sites.pdf                        | 1904 |
| 18011 | 13/11/04   | Wideband & Time-domain OATS.pdf                                    | 66   |
| 18012 | 13/09/02   | Wireless Test site.pdf   | 162  |
| 18013 | 24/01/13   | Workbench EMC Measurements.pdf                                     | 206  |
| 18014 | 13/10/11   | Workbench Faraday Cage Method.pdf                                  | 281  |
| 18015 | <b>Mesures et méthodes\Tests BCI</b>                           |  |      |
| 18016 | 20/08/09   | BCI Noise Reduction Techniques.pdf                                 | 198  |
| 18017 | 09/02/11   | Bulk Current Injection Calibration-Jig.pdf                         | 150  |
| 18018 | 26/10/08   | Comparison of BCI to RC Methods.pdf                                | 538  |
| 18019 | 22/10/08   | Double Bulk Current Injection.pdf                                  | 563  |
| 18020 | 24/02/11   | F & T-Domain Response of BCI Probes.pdf                            | 344  |
| 18021 | 23/07/15   | Field-To-Wire Coupling Versus Conducted Injection.pdf              | 1041 |
| 18022 | 09/02/11   | Response of BCI Injection Probes.pdf                               | 273  |

|       |   |   |      |
|-------|---|---|------|
| 18023 | 20/08/09  | Time Domain Response of BCI Transformers.pdf      | 252  |
| 18024 | <b>Mesures et méthodes\Tests CEM normalisés</b> |   |      |
| 18025 | 21/11/14  | Application of IEC Continuous RF Disturbances.pdf | 343  |
| 18026 | 21/11/14  | CSA Testing Considerations.pdf                    | 273  |
| 18027 | 21/11/14  | High Power EM Test Facilities & Methods.pdf       | 2022 |
| 18028 | 21/11/14  | IEC Transient-Immunity Testing Overview.pdf       | 420  |
| 18029 | 24/07/15  | The Pitfalls of Pass-Fail Testing.pdf             | 113  |
| 18030 | <b>Mesures et méthodes\Tests d'immunité</b>     |   |      |
| 18031 | 05/12/04  | Avoiding Misleading Results.pdf                   | 132  |
| 18032 | 26/08/08  | Broadband DCI as a multi usable Test.pdf          | 160  |
| 18033 | 26/10/08  | Broadband DCI as an EMC-Test.pdf                  | 159  |
| 18034 | 20/01/06  | Combined EMI.pdf                                  | 339  |
| 18035 | 06/03/04  | ESD Diagnostic Method.pdf                         | 113  |
| 18036 | 18/12/04  | Frequency Resolved Susceptibility.pdf             | 298  |
| 18037 | 26/12/08  | IEC 61000-4-4 EFT Injection Clamp.pdf             | 290  |
| 18038 | 11/09/07  | IEC 61000-4-6 Testing Pitfalls.pdf                | 632  |
| 18039 | 26/08/09  | IEC Transient-Immunity Testing Overview.pdf       | 119  |
| 18040 | 13/11/04  | Immunity Over Ground Plane.pdf                    | 521  |
| 18041 | 31/12/14  | Injection of EFT Into Pins of ICs.pdf             | 572  |
| 18042 | 02/03/09  | Large Systems- Rhombic Illuminator.pdf            | 149  |
| 18043 | 13/11/04  | Measurements of Fast Transients.pdf               | 255  |
| 18044 | 31/03/12  | Multi-tone Testing AR AN61.pdf                    | 164  |
| 18045 | 26/10/08  | Prediction of Induced Currents.pdf                | 297  |
| 18046 | 06/03/04  | Radiated Immunity over Ground Plane.pdf           | 503  |
| 18047 | 14/11/07  | Radiated Susceptibility & EFT Tests.pdf           | 120  |
| 18048 | 20/10/08  | RF-pulsed Rotating-EM Field Test.pdf              | 273  |

18049

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## Médical

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### Médical\CEM médicale

|       |          |  |      |
|-------|----------|--|------|
| 18053 | 19/08/09 | EM Environment in a Hospital.pdf                 | 277  |
| 18054 | 14/11/07 | EMI on Medical Equipment.pdf                     | 113  |
| 18055 | 27/03/15 | FDA Perspective on EMC of Medical Devices.pdf    | 1610 |
| 18056 | 20/11/14 | Few medical devices comply with EMC standard.pdf | 195  |
| 18057 | 12/10/09 | Immunity Testing of Medical Equipment.pdf        | 163  |

|       |                                    |  |      |
|-------|------------------------------------|--|------|
| 18058 | 27/03/15                           | Introduction to Medical EMC.pdf                          | 689  |
| 18059 | 09/09/11                           | Low EMI Isolation for Medical Equipment.pdf              | 311  |
| 18060 | 06/05/14                           | Medical Device Susceptibility to RFI.pdf                 | 1059 |
| 18061 | 14/09/02                           | Medical devices immunity.pdf                             | 263  |
| 18062 | 20/12/04                           | Medical Product EMC.pdf                                  | 109  |
| 18063 | 04/12/04                           | RF Immunity In Medical Devices.pdf                       | 340  |
| 18064 | 29/07/15                           | Systems EMC in Medical Electronics.pdf                   | 293  |
| 18065 | <b>Médical\Conception médicale</b> |  |      |
| 18066 | 25/02/04                           | EMC & healthcare.pdf                                     | 846  |
| 18067 | 08/08/02                           | EMC Considerations.pdf                                   | 9    |
| 18068 | 25/02/04                           | Hazard analysis.pdf                                      | 78   |
| 18069 | 27/02/13                           | Microwave Imaging for Medical Diagnosis.pdf              | 566  |
| 18070 | 14/10/13                           | Unscented Kalman Filter for Magnetocardiography.pdf      | 711  |
| 18071 | <b>Médical\EEG</b>                 |  |      |
| 18072 | 26/03/07                           | Signal Validation in EEG Research.pdf                    | 798  |
| 18073 | <b>Médical\Implants actifs</b>     |  |      |
| 18074 | 24/08/09                           | Active Implantable Medical Device & MRI.pdf              | 608  |
| 18075 | 08/10/08                           | Active Implantable Medical Device.pdf                    | 205  |
| 18076 | 21/03/04                           | Champs et dispositifs cardiaques.pdf                     | 48   |
| 18077 | 21/11/14                           | EMC aspects for active implants.pdf                      | 113  |
| 18078 | 20/08/09                           | EMF Coupling into Cardiac Pacemaker.pdf                  | 353  |
| 18079 | 19/12/04                           | EMI & Medical Implants.pdf                               | 619  |
| 18080 | 16/05/14                           | EMI in Brain Implants Using Multiple Coils.pdf           | 186  |
| 18081 | 26/02/16                           | EMI of RFID and NFC Readers on Implantable Pacemaker.pdf | 417  |
| 18082 | 31/12/06                           | EMI on implantable medical devices.pdf                   | 196  |
| 18083 | 26/02/16                           | EMI on Implanted Pacemaker by Mobile Terminals.pdf       | 941  |
| 18084 | 25/02/04                           | Implantable Cardiac Pacemakers.pdf                       | 122  |
| 18085 | 27/02/13                           | Implantable cardioverter-defibrillators.pdf              | 238  |
| 18086 | 05/12/04                           | Implants & Security Screening Devices.pdf                | 177  |
| 18087 | 27/02/13                           | Induced Voltage to an Implantable Cardiac Pacemaker.pdf  | 186  |
| 18088 | 19/08/09                           | Interference Voltage in Pacemakers.pdf                   | 223  |
| 18089 | 24/08/09                           | ISO 14708-3 Implantable neurostimulators.pdf             | 125  |
| 18090 | 25/02/04                           | Medical implant interactions.pdf                         | 64   |
| 18091 | 19/08/09                           | Mitigating EMI on Implantable Medical Devices.pdf        | 249  |
| 18092 | 25/02/04                           | MRI & medical implants.pdf                               | 128  |

|       |  |   |      |
|-------|--|---|------|
| 18093 | 08/02/16   | Multiparameter integrated implantable biosensor.pdf         | 347  |
| 18094 | 25/02/04   | Neurostimulators.pdf  | 36   |
| 18095 | 05/12/04   | Pacemaker & defibrillator.pdf                               | 167  |
| 18096 | 15/08/14   | Pacemaker Exposure to HPM UWB.pdf                           | 626  |
| 18097 | 04/10/11   | Pacemakers with Unipolar and Bipolar Electrodes.pdf         | 519  |
| 18098 | 26/09/10   | Subcutaneous Implanted Devices.pdf                          | 887  |
| 18099 | <b>Médical\Installations et environnements</b>   |   |      |
| 18100 | 14/09/02   | Medical environment.pdf                                     | 74   |
| 18101 | 20/08/05   | Medical Installations.pdf                                   | 317  |
| 18102 | <b>Médical\Matériaux en médecine</b>             |   |      |
| 18103 | 03/12/15   | Cable Material for Medical Industry.pdf                     | 588  |
| 18104 | <b>Médical\Normes médicales et certification</b> |   |      |
| 18105 | 16/08/06   | 60601-1-2_2001 Analysis.pdf                                 | 227  |
| 18106 | 07/04/07   | EMC for EN 60601.pdf  | 220  |
| 18107 | 24/08/09   | EMC Standard for Electrical Medical Devices.pdf             | 64   |
| 18108 | 22/01/16   | Med Device OEMs Simplify Validation Compliance.pdf          | 228  |
| 18109 | 26/02/04   | Medical compliance.pdf                                      | 716  |
| 18110 | 13/09/07   | Medical Devices fail Certification.pdf                      | 843  |
| 18111 | 21/02/02   | Medical regulations.pdf                                     | 106  |
| 18112 | 21/04/07   | Medical Requirements.pdf                                    | 473  |
| 18113 | 20/05/05   | Medical test plan.pdf                                       | 14   |
| 18114 | 27/03/15   | Risk Management and IEC 60601-1-2.pdf                       | 1056 |
| 18115 | 25/02/04   | TUV & EN 61010.pdf  | 867  |
| 18116 | <b>Médical\Prothèses auditives</b>               |   |      |
| 18117 | 03/01/11   | Chassis Currents on Hearing Aids.pdf                        | 222  |
| 18118 | 09/09/05   | Hearing Aid Compatibility Testing.pdf                       | 40   |
| 18119 | 09/11/13   | RF Immunity Testing of Hearing Aids.pdf                     | 1365 |
| 18120 | 23/12/15   | RF Interference in Hearing Aids from Cellphones-1.pdf       | 1717 |
| 18121 | 26/02/16   | RF Interference in Hearing Aids from Cellphones-2.pdf       | 1928 |
| 18122 | <b>Médical\Radio médicale</b>                    |   |      |
| 18123 | 26/02/16   | Environmental Noise E Fields in Intrabody Communication.pdf | 674  |
| 18124 | 23/07/15   | International Medical Wireless Certification.pdf            | 113  |
| 18125 | 04/03/14   | Isolation for USB Helthcare.pdf                             | 160  |
| 18126 | 23/07/15   | Medical Devices in a Wireless World.pdf                     | 207  |
| 18127 | 07/02/11   | Mobile Phones EMI in Medical Environments.pdf               | 104  |

|       |  |  |      |
|-------|--|--|------|
| 18128 | 20/12/04                                   | RF Devices & Implanted Systems.pdf                     | 136  |
| 18129 | 27/03/15                                   | Testing Wireless Medical Devices.pdf                   | 1344 |
| 18130 | 24/10/14                                   | Wireless Coexistence of a Bluetooth Medical Device.pdf | 1197 |
| 18131 | 08/03/09                                   | Wireless EMI in Healthcare Facilities.pdf              | 220  |
| 18132 | 21/02/02                                   | Wireless medical risk.pdf                              | 70   |
| 18133 | <b>Médical\Sécurité médicale - Risques</b> |  |      |
| 18134 | 12/03/15                                   | EMI Risk Assessment in a Hospital Ward.pdf             | 308  |
| 18135 | 21/02/02                                   | Hospitals risk analysis.pdf                            | 50   |
| 18136 | 21/02/02                                   | Medical device EMI.pdf                                 | 52   |
| 18137 | 24/07/15                                   | Observe Users, Improve Product Safety.pdf              | 334  |
| 18138 | 21/02/02                                   | Risk of patient injury.pdf                             | 59   |
| 18139 | 01/01/09                                   | Safety in the Healthcare Industry.pdf                  | 76   |
| 18140 | 25/02/04                                   | UL safety.pdf  | 1096 |
| 18141 | <b>Médical\Simulation médicale</b>         |  |      |
| 18142 | 14/10/11                                   | Simulation of Microwave Ablation.pdf                   | 466  |

18143

## 18144 Modélisation en immunité

18145

|       |          |   |      |
|-------|----------|---|------|
| 18146 | 05/09/05 | 2005 EMC Modeling Techniques.pdf                              | 1782 |
| 18147 | 24/06/03 | 2D-Transmission Line Model.pdf                                | 158  |
| 18148 | 19/12/04 | 3-D FDTD Subgridding.pdf                                      | 240  |
| 18149 | 26/03/14 | 3-D Near-Field Modeling for EMI Prediction.pdf                | 1225 |
| 18150 | 20/11/14 | Active Thevenin Equivalent Network Approach.pdf               | 161  |
| 18151 | 05/10/11 | Adaptive MOO Method for Transient Scattering.pdf              | 192  |
| 18152 | 21/08/15 | Analysis of EMI-EMC Problems With Nonlinear Circuit Loads.pdf | 625  |
| 18153 | 10/01/11 | Aperture Coupling Near-Field Cavity Effects.pdf               | 497  |
| 18154 | 24/11/13 | Arbitrary PEC Wedges Illuminated by an EMP.pdf                | 693  |
| 18155 | 21/11/10 | Atomic force microscope with finite element.pdf               | 128  |
| 18156 | 21/08/13 | Binomial Model for Radiated Immunity Measurements.pdf         | 513  |
| 18157 | 16/11/05 | Both F & TD EMC Simulation.pdf                                | 158  |
| 18158 | 28/10/07 | Bundle Magnetic-Field Coupling.pdf                            | 483  |
| 18159 | 11/01/10 | Bus Bar in Substation by TD-FEM.pdf                           | 260  |
| 18160 | 25/05/12 | CFS-PML for Wave-Structure.pdf                                | 506  |
| 18161 | 07/09/05 | Circuit Model for BCI Probes.pdf                              | 211  |
| 18162 | 07/09/05 | CM Current on Structures.pdf                                  | 182  |

|       |          |   |      |
|-------|----------|---|------|
| 18163 | 31/01/14 | Combination Wave Generator Circuit Model.pdf                        | 1032 |
| 18164 | 04/03/13 | Concept of Diffuse Field Reciprocity.pdf                            | 123  |
| 18165 | 05/10/11 | Cooray-Rubinstein Formula via Convolution Integral.pdf              | 473  |
| 18166 | 01/03/09 | Coupling to a Monopole Inside a Cavity.pdf                          | 361  |
| 18167 | 25/11/07 | Coupling to Long Terminated Lines.pdf                               | 340  |
| 18168 | 28/02/09 | Coupling to Wires Through Apertures.pdf                             | 141  |
| 18169 | 31/08/07 | Coupling within a Rectangular Cavity.pdf                            | 1014 |
| 18170 | 31/12/14 | DARIT-Field for the Field Coupling to Multiconductor Lines.pdf      | 378  |
| 18171 | 05/10/11 | Detect and Visualize EM Coupling Paths.pdf                          | 244  |
| 18172 | 19/12/04 | Device Level Susceptibility Analysis.pdf                            | 193  |
| 18173 | 06/03/09 | Discrete Impulse Excitation on Antenna.pdf                          | 118  |
| 18174 | 07/01/04 | Dispersion numérique en VFDT.pdf                                    | 213  |
| 18175 | 15/08/14 | Double Exponential Function and Its Modified Forms.pdf              | 834  |
| 18176 | 21/03/04 | Durcissement de site.pdf  | 117  |
| 18177 | 31/03/10 | Efficiency of FDTD Method at Low Frequencies.pdf                    | 268  |
| 18178 | 03/01/11 | EFT-B with Latent-Roots Method.pdf                                  | 380  |
| 18179 | 13/03/12 | Electric Field Problem Inside Substations.pdf                       | 850  |
| 18180 | 14/10/11 | Electromagnetics-Thermal Co-analysis.pdf                            | 398  |
| 18181 | 11/09/05 | Electronic Module Immunity.pdf                                      | 162  |
| 18182 | 29/02/04 | EM design software.pdf  | 172  |
| 18183 | 23/04/13 | EM Field Coupling to a Thin Wire Inside a Rectangular Enclosure.pdf | 292  |
| 18184 | 28/11/10 | EM field coupling to complex bundles.pdf                            | 128  |
| 18185 | 17/06/06 | EM Fields Radiation & Simulation.pdf                                | 2235 |
| 18186 | 21/11/12 | EMF Coupling to a Line With Arbitrary Loads.pdf                     | 618  |
| 18187 | 13/03/12 | EMF Coupling to Wires Above a Lossy Ground.pdf                      | 225  |
| 18188 | 19/06/15 | EMF to Line Coupling Into a Rectangular Enclosure.pdf               | 430  |
| 18189 | 26/09/10 | EMI inside Cavity Enclosures.pdf                                    | 441  |
| 18190 | 05/10/11 | EMI into Circuits Due to ESD Radiated Fields.pdf                    | 607  |
| 18191 | 16/02/02 | EMI prediction with cables.pdf                                      | 113  |
| 18192 | 26/09/10 | Extended Hybrid Method for EMC.pdf                                  | 372  |
| 18193 | 23/12/07 | Fast Transient Impulses on PCB-Level.pdf                            | 134  |
| 18194 | 31/03/11 | Fast Transient Simulation.pdf                                       | 213  |
| 18195 | 31/12/14 | FDFD-MoM for Susceptibility of a Line Inside Enclosure.pdf          | 330  |
| 18196 | 22/02/09 | FDTD & Cavity-Backed Slot Antennas.pdf                              | 314  |
| 18197 | 21/12/04 | FDTD & Multi-conductor Lines.pdf                                    | 126  |



|       |          |  |      |
|-------|----------|--|------|
| 18198 | 21/02/09 | FDTD Absorbing-Boundary Conditions.pdf                         | 295  |
| 18199 | 16/02/02 | FDTD and microwave coupling.pdf                                | 322  |
| 18200 | 20/08/09 | FDTD Computation Time for LF Excitations.pdf                   | 260  |
| 18201 | 21/03/04 | FDTD fente épaisse.pdf   | 333  |
| 18202 | 13/11/04 | FDTD for Power & SMT Capacitors.pdf                            | 165  |
| 18203 | 16/02/02 | FDTD for PWB.pdf   | 382  |
| 18204 | 24/12/08 | FDTD Method With Digital Filter.pdf                            | 130  |
| 18205 | 19/02/02 | FDTD vs SPICE crosstalk.pdf                                    | 88   |
| 18206 | 13/02/02 | FDTD vs TLM Comparison.pdf                                     | 88   |
| 18207 | 19/02/02 | FDTD vs UTP bundle.pdf   | 178  |
| 18208 | 30/11/11 | FEM for Transfer Impedance of Cable Shields.pdf                | 384  |
| 18209 | 06/03/09 | Field Coupling to Transmission Lines.pdf                       | 303  |
| 18210 | 14/02/02 | Field to bundle coupling.pdf                                   | 441  |
| 18211 | 13/03/12 | Field-to-Wire Coupling in Large Cavity Amendments.pdf          | 160  |
| 18212 | 21/11/12 | Field-to-Wire Coupling in Large Cavity.pdf                     | 287  |
| 18213 | 31/12/14 | Foster-Type Field-to-Transmission Line Coupling.pdf            | 354  |
| 18214 | 08/09/05 | FSV to EMC and SI data.pdf                                     | 266  |
| 18215 | 05/09/05 | Grounding electrodes & FD-TD.pdf                               | 247  |
| 18216 | 27/02/13 | HDNR-generated Surrogate Models.pdf                            | 239  |
| 18217 | 23/12/15 | HF Coupling to Multiconductor Lines of Finite Length.pdf       | 533  |
| 18218 | 23/01/13 | HF Field-to-Line Coupling Analysis.pdf                         | 700  |
| 18219 | 08/07/07 | HF Radio Error Model.pdf                                       | 3194 |
| 18220 | 27/02/13 | Higher Order Fully Overlapping Domain Decomposition Method.pdf | 255  |
| 18221 | 11/09/05 | Huygens Source Excitation & MoM.pdf                            | 187  |
| 18222 | 23/03/04 | Hybrid MFIE-FDTD Analyses.pdf                                  | 561  |
| 18223 | 25/02/04 | Hybrid Node Method.pdf   | 98   |
| 18224 | 05/10/11 | Hybrid TDIE-TDPO Based MOT Method.pdf                          | 489  |
| 18225 | 12/10/09 | IC Power Model for Immunity to EFT.pdf                         | 717  |
| 18226 | 31/03/11 | Induced Disturbances in Interchip Interconnects.pdf            | 227  |
| 18227 | 13/12/06 | Integral Equation Methods (MOM).pdf                            | 294  |
| 18228 | 17/10/12 | Intro to Finite Integration Technique (FIT).pdf                | 2335 |
| 18229 | 15/12/04 | Introduction to EMC Modeling.pdf                               | 1636 |
| 18230 | 17/10/12 | Introduction to the FDTD.pdf                                   | 286  |
| 18231 | 17/10/12 | Introduction to the FEM.pdf                                    | 999  |
| 18232 | 17/10/12 | Introduction to the PEEC.pdf                                   | 448  |

|       |          |  |      |
|-------|----------|--|------|
| 18233 | 19/08/09 | Lightning Arresters in the FDTD Method.pdf                   | 229  |
| 18234 | 24/11/07 | Lightning Protection Systems.pdf                             | 707  |
| 18235 | 13/10/09 | Line With Nonlinear Terminations.pdf                         | 128  |
| 18236 | 13/10/09 | Lines & Nonuniform Incident Wave.pdf                         | 193  |
| 18237 | 31/08/07 | Lines Above a Lossy Ground.pdf                               | 320  |
| 18238 | 28/10/07 | Lines Transients above Dissipative Earth.pdf                 | 709  |
| 18239 | 18/11/13 | Long Line inside a Rectangular Cavity.pdf                    | 262  |
| 18240 | 05/10/11 | Model for Composites with Cylindrical Inclusions.pdf         | 391  |
| 18241 | 16/12/04 | Modeling external interference.pdf                           | 174  |
| 18242 | 17/12/03 | Modélisation de réseau de cavités.pdf                        | 46   |
| 18243 | 06/03/04 | Modified Transmission Line.pdf                               | 127  |
| 18244 | 18/12/04 | MOM & Resonant Apertures.pdf                                 | 130  |
| 18245 | 23/06/03 | MoM Cross Talk Prediction.pdf                                | 335  |
| 18246 | 17/10/12 | MOM in Numerical Modeling.pdf                                | 298  |
| 18247 | 26/02/09 | MoM Resonant Multisection Enclosures.pdf                     | 270  |
| 18248 | 30/12/14 | MoM Solution of Multiscale Structures at Low Frequencies.pdf | 95   |
| 18249 | 31/12/14 | Multiconductor Lines With Random Translation Over Ground.pdf | 315  |
| 18250 | 27/02/13 | Multilevel Green's Function Interpolation Method.pdf         | 142  |
| 18251 | 27/02/13 | Multi-scale Modelling in the Time-Domain.pdf                 | 165  |
| 18252 | 31/05/09 | Networks with distributed PWL-sources.pdf                    | 216  |
| 18253 | 03/01/07 | Nonlinear Interference Sources.pdf                           | 225  |
| 18254 | 24/11/07 | Nonlinear Model of CMOS Op Amp.pdf                           | 392  |
| 18255 | 23/06/03 | Non-uniform Line.pdf   | 171  |
| 18256 | 13/11/04 | Non-uniform MTL Equation.pdf                                 | 347  |
| 18257 | 05/07/08 | Notion de Zt.pdf   | 190  |
| 18258 | 24/11/13 | Optimized Leapfrog ADI-FDTD Method.pdf                       | 394  |
| 18259 | 31/05/09 | Order reduction algorithms.pdf                               | 110  |
| 18260 | 17/10/12 | Overview of Electromagnetic Modeling.pdf                     | 918  |
| 18261 | 17/10/11 | Parametric Macromodeling Techniques.pdf                      | 236  |
| 18262 | 28/10/07 | PCB Radiated Susceptibility.pdf                              | 260  |
| 18263 | 31/12/06 | Plane-Wave Coupling Into Cavity.pdf                          | 543  |
| 18264 | 20/12/04 | Power Bus Narrow Slot Structures.pdf                         | 193  |
| 18265 | 21/03/04 | Prise de terre par FDTD-.pdf                                 | 203  |
| 18266 | 18/08/12 | Probabilistic modeling of noise transfer.pdf                 | 107  |
| 18267 | 07/06/12 | PSpice_EMV_V5-2.pdf  | 1891 |

|       |          |  |      |
|-------|----------|--|------|
| 18268 | 05/12/04 | Quasi-Static EMC Modeling.pdf                              | 52   |
| 18269 | 21/03/04 | Réduction de modèle.pdf                                    | 105  |
| 18270 | 03/01/11 | Response to Diffuse EM Fields.pdf                          | 414  |
| 18271 | 18/10/06 | RF Models for Active IPEMs.pdf                             | 2039 |
| 18272 | 20/12/03 | Segmentation structure de blindage.pdf                     | 96   |
| 18273 | 08/10/06 | Segmented Signal Return Planes.pdf                         | 35   |
| 18274 | 23/06/03 | Shielding Modal MOM.pdf                                    | 456  |
| 18275 | 20/12/04 | Simulate EM Susceptibility.pdf                             | 98   |
| 18276 | 07/09/05 | Simulation of EM Susceptibility.pdf                        | 132  |
| 18277 | 07/09/05 | Skin Current Distributions on Aircraft.pdf                 | 263  |
| 18278 | 13/10/14 | Statistical Analysis using Dimension Reduction Methods.pdf | 241  |
| 18279 | 02/03/09 | Susceptibility Analysis of 2-D Slots.pdf                   | 236  |
| 18280 | 12/09/02 | Switching noise simulation.pdf                             | 155  |
| 18281 | 18/12/07 | System-Level TDFD EME Simulation.pdf                       | 182  |
| 18282 | 04/12/04 | TDMOM Wire & Surface Structures.pdf                        | 306  |
| 18283 | 02/09/08 | The Transmission Line Method.pdf                           | 524  |
| 18284 | 08/10/12 | Time Domain E-PMCHW Integral Equation.pdf                  | 450  |
| 18285 | 22/02/09 | TLM & Wires Coupling Inside a Cavity.pdf                   | 196  |
| 18286 | 11/10/06 | TLM Modelling Method for EMC.pdf                           | 1423 |
| 18287 | 21/02/09 | TLM of Grounding System.pdf                                | 161  |
| 18288 | 01/09/07 | TLM Radiated Susceptibility in Enclosures.pdf              | 179  |
| 18289 | 20/02/02 | TLM-TD vs grounding.pdf                                    | 174  |
| 18290 | 06/09/05 | Transient Pulse Impact on IC.pdf                           | 1408 |
| 18291 | 30/03/10 | Transient Response of Straight Thin Wires.pdf              | 244  |
| 18292 | 06/09/11 | Transmission Line and Behavioural Modeling.pdf             | 216  |
| 18293 | 13/11/04 | Transmission Line Equations & NEC.pdf                      | 122  |
| 18294 | 24/08/09 | Transmission Line Matrix Method (TLM).pdf                  | 2213 |
| 18295 | 28/02/11 | Transmission Line Matrix Method.pdf                        | 1597 |
| 18296 | 17/10/12 | Transmission-Line Matrix Method.pdf                        | 977  |
| 18297 | 24/11/13 | Using the Leapfrog ADI-FDTD method.pdf                     | 695  |
| 18298 | 12/10/09 | Wave Coupling to Multiconductor Lines.pdf                  | 328  |
| 18299 | 28/10/07 | Wire EM Pickup and Scattering.pdf                          | 191  |
| 18300 | 20/02/02 | Wire harness in F domain.pdf                               | 106  |
| 18301 | 16/02/02 | Wire penetration.pdf                                       | 113  |
| 18302 | 15/02/02 | Wiregrid models.pdf  | 233  |

|       |          |                           |     |
|-------|----------|---------------------------|-----|
| 18303 | 11/09/05 | Wiring Harness for RS.pdf | 192 |
|-------|----------|---------------------------|-----|

18304

18305

## Modélisation en transmission

18306

|       |          |   |      |
|-------|----------|---|------|
| 18307 | 25/08/07 | 10 Gigabit Transformer Model.pdf                      | 74   |
| 18308 | 15/12/06 | 3D Accelerated EM MoM Solvers.pdf                     | 219  |
| 18309 | 06/09/05 | 3D FDTD subgridding method.pdf                        | 172  |
| 18310 | 16/02/02 | 3D FEM vs measure.pdf                                 | 234  |
| 18311 | 09/02/11 | 3-dimensional full-wave solver hybridization.pdf      | 143  |
| 18312 | 13/02/02 | 4 EMC problems.pdf                                    | 101  |
| 18313 | 20/02/02 | 4 new problems.pdf                                    | 39   |
| 18314 | 21/03/04 | Absorbing dielectric layers.pdf                       | 58   |
| 18315 | 12/01/08 | Accelerated Integral Equation Solution.pdf            | 118  |
| 18316 | 01/09/07 | Accelerated MoM of EMC Problems.pdf                   | 371  |
| 18317 | 09/10/06 | Advanced Node Formulations in TLM.pdf                 | 210  |
| 18318 | 13/12/06 | Applications of Finite Element Method.pdf             | 912  |
| 18319 | 30/06/09 | Asymptotic Extraction Technology.pdf                  | 130  |
| 18320 | 08/03/04 | Basic Source of EM Fields.pdf                         | 88   |
| 18321 | 27/02/13 | Basis functions for curved surfaces.pdf               | 425  |
| 18322 | 25/05/12 | Behavioral Models in Full-Field TLM Method.pdf        | 737  |
| 18323 | 31/12/14 | BEM Port Inductances in Parallel-Plane Structures.pdf | 335  |
| 18324 | 21/11/10 | Bent dielectric slab waveguides.pdf                   | 361  |
| 18325 | 06/09/05 | BGA Footprints & Segmentation.pdf                     | 158  |
| 18326 | 31/08/07 | BLT Equation in the Time Domain.pdf                   | 178  |
| 18327 | 01/01/07 | Cable Coupling to a Radiating Dipole.pdf              | 138  |
| 18328 | 11/09/05 | Cable-Induced Coupling in Shielding.pdf               | 399  |
| 18329 | 11/01/08 | Capacitance of an Open Circuit Via Port.pdf           | 211  |
| 18330 | 21/08/13 | Characteristic Currents for Rectangular Plates.pdf    | 369  |
| 18331 | 01/03/09 | CIM Analysis of Power Bus Structures.pdf              | 430  |
| 18332 | 11/09/05 | Circuit Simulation in F & T Domain.pdf                | 205  |
| 18333 | 16/11/05 | CO & CONTRA variance.pdf                              | 152  |
| 18334 | 22/12/07 | Combination of MOM, GMT & UTD.pdf                     | 148  |
| 18335 | 19/12/04 | Combined PEEC - MoM technique.pdf                     | 333  |
| 18336 | 21/11/14 | Combining EMF simulation & physics based models.pdf   | 2706 |
| 18337 | 13/11/04 | Compact Form ADI-FDTD Method.pdf                      | 179  |

|       |          |  |      |
|-------|----------|--|------|
| 18338 | 23/06/03 | Compensation technique.pdf                                   | 212  |
| 18339 | 31/08/07 | Complex Cable-Loaded Structures.pdf                          | 590  |
| 18340 | 01/10/12 | Complicated Enclosures- A Wave-Chaotic Approach.pdf          | 441  |
| 18341 | 21/11/12 | Convolutional Perfect Matched Layer (CPML).pdf               | 767  |
| 18342 | 06/09/11 | Convolutional PML for FDTD Analysis.pdf                      | 186  |
| 18343 | 31/12/06 | Coupling Paths in Complex Systems.pdf                        | 163  |
| 18344 | 31/08/07 | Coupling to Wires in Circular Cavities.pdf                   | 305  |
| 18345 | 14/04/15 | CST Simulation & Measurement_2015.pdf                        | 2093 |
| 18346 | 27/02/13 | Dealing with Complexity in EMC Modelling.pdf                 | 185  |
| 18347 | 30/11/11 | Debye Model for Random Spherical Inclusions.pdf              | 421  |
| 18348 | 20/11/11 | Detailed Model Partitions for EMC.pdf                        | 175  |
| 18349 | 08/02/16 | Determination of left-eigenvectors for the MoL.pdf           | 274  |
| 18350 | 17/06/07 | Dipole Antenna FDTD Analysis.pdf                             | 165  |
| 18351 | 27/10/08 | Discontinuous Galerkin FETD.pdf                              | 122  |
| 18352 | 25/11/13 | Discontinuous Galerkin TD - FEM.pdf                          | 253  |
| 18353 | 10/11/13 | Discontinuous Galerkin TD-FEM.pdf                            | 1650 |
| 18354 | 06/09/05 | Distributed Dipoles & Metaheuristic.pdf                      | 315  |
| 18355 | 26/12/08 | Domain Decomposition F-D Method.pdf                          | 271  |
| 18356 | 31/12/06 | Doubly-Periodic Array of Apertures.pdf                       | 101  |
| 18357 | 16/04/15 | E Field Integral Equation Formulation at Low Frequencies.pdf | 387  |
| 18358 | 19/01/06 | Edge effect.pdf  | 622  |
| 18359 | 28/11/13 | Eigenmodes of Electrical Components.pdf                      | 207  |
| 18360 | 17/11/13 | EM and Thermal Co-Simulation.pdf                             | 4717 |
| 18361 | 02/09/08 | EM Computation at system level.pdf                           | 588  |
| 18362 | 16/12/07 | EM Coupling Inside Enclosures.pdf                            | 224  |
| 18363 | 31/12/06 | EM Coupling to Multi-Conductor Lines.pdf                     | 110  |
| 18364 | 08/09/05 | EM Field From a Solar Cell.pdf                               | 184  |
| 18365 | 04/12/07 | EM Fields between Two Parallel Plates.pdf                    | 894  |
| 18366 | 12/01/10 | EM Wave through a Choke using FE-BIM.pdf                     | 284  |
| 18367 | 13/01/14 | EM Wave Transmission through a Choke.pdf                     | 357  |
| 18368 | 25/05/12 | EMC Effects of Multiple Antennas on a Large Air Platform.pdf | 1001 |
| 18369 | 08/10/06 | EMI Parameters for IBIS.pdf                                  | 109  |
| 18370 | 11/09/05 | Equivalent Circuits of Discontinuities.pdf                   | 186  |
| 18371 | 27/08/08 | Equivalent Radiation Source Extraction.pdf                   | 1290 |
| 18372 | 11/10/11 | Equivalent Source Model of RE.pdf                            | 449  |

|       |          |   |      |
|-------|----------|---|------|
| 18373 | 28/02/11 | Equivalent Sources in EMC-EMI Modeling.pdf          | 1400 |
| 18374 | 22/12/07 | Error Reduced ADI-CPML Method.pdf                   | 105  |
| 18375 | 31/12/06 | Excitation of short Transmission Lines.pdf          | 138  |
| 18376 | 21/03/04 | Extension de mémoire en DFDT.pdf                    | 109  |
| 18377 | 31/12/06 | Extraction of Circuit Parameters.pdf                | 171  |
| 18378 | 20/08/09 | Far Field Radiated Emission Prediction.pdf          | 252  |
| 18379 | 24/05/10 | Fast Analysis of Signal Propagation.pdf             | 406  |
| 18380 | 07/02/11 | FD2TD Microwave Dielectric Substrate Losses.pdf     | 127  |
| 18381 | 03/09/07 | FD-MoM Technique for Predicting SE.pdf              | 361  |
| 18382 | 08/10/12 | FDTD Analysis of Stratified Lossy Media.pdf         | 169  |
| 18383 | 17/02/02 | FDTD and ground plane.pdf                           | 379  |
| 18384 | 28/11/04 | FDTD Basics.pdf                                     | 1446 |
| 18385 | 25/05/12 | FDTD Bilinear Transform of the SC-PML.pdf           | 291  |
| 18386 | 26/05/08 | FDTD Calculations in Nonsquare Grids.pdf            | 237  |
| 18387 | 12/11/04 | FDTD Data Extrapolation.pdf                         | 154  |
| 18388 | 12/11/04 | FDTD dispersive magnetic materials.pdf              | 268  |
| 18389 | 25/05/12 | FDTD Lossy Nonuniform Multiconductor Trans Line.pdf | 1053 |
| 18390 | 30/03/10 | FDTD Modeling Using Near-Field Scanning.pdf         | 295  |
| 18391 | 03/09/07 | FDTD Multiple-Analysis-Space.pdf                    | 592  |
| 18392 | 13/11/04 | FDTD Rectangular Domains.pdf                        | 168  |
| 18393 | 03/09/07 | FDTD Stable Modeling of Thin Slots.pdf              | 184  |
| 18394 | 02/12/04 | FDTD Switching Transistor.pdf                       | 371  |
| 18395 | 12/01/08 | FDTD Technique 2.pdf                                | 295  |
| 18396 | 13/12/06 | FDTD Technique.pdf                                  | 1227 |
| 18397 | 25/02/04 | FDTD vs discontinuities.pdf                         | 385  |
| 18398 | 20/02/02 | FDTD vs grounding.pdf                               | 133  |
| 18399 | 18/02/02 | FDTD vs gyromagnetism.pdf                           | 101  |
| 18400 | 16/02/02 | FDTD vs measure.pdf                                 | 180  |
| 18401 | 13/02/02 | FDTD vs MoM Heatsink.pdf                            | 217  |
| 18402 | 05/03/09 | FDTD Wave Penetration Inside a Valley.pdf           | 144  |
| 18403 | 06/07/08 | FDTD With Large Time Step Size.pdf                  | 129  |
| 18404 | 20/02/02 | FDTD, FEM and MoM Delay Line.pdf                    | 105  |
| 18405 | 11/12/07 | FDTD-MNA Simulation.pdf                             | 147  |
| 18406 | 06/09/05 | FDTD-SUPML Photonic IC Simulation.pdf               | 156  |
| 18407 | 17/10/06 | Feasibility of numerical EMC modelling.pdf          | 5343 |

|       |          |  |      |
|-------|----------|--|------|
| 18408 | 31/08/07 | FEM 2-D Slotted Enclosures.pdf                                 | 297  |
| 18409 | 20/08/09 | FEM Model for a Lighting Fixture.pdf                           | 277  |
| 18410 | 08/10/12 | FEM to Orthogonal Mesh Structures.pdf                          | 487  |
| 18411 | 15/08/14 | FEM-Based Modal Circuit Representation.pdf                     | 191  |
| 18412 | 08/03/09 | FEM-MoM Dielectric Objects with Wires.pdf                      | 285  |
| 18413 | 26/03/15 | Field Equivalence Principle and Field Sources.pdf              | 1732 |
| 18414 | 12/01/08 | Finite Element Method 2.pdf                                    | 430  |
| 18415 | 12/01/08 | Finite Element Method Applications.pdf                         | 794  |
| 18416 | 30/11/04 | Finite Element Method Primer.pdf                               | 320  |
| 18417 | 13/12/06 | Finite Element Method.pdf                                      | 546  |
| 18418 | 12/07/11 | Finite Integration Technique (FIT).pdf                         | 2304 |
| 18419 | 29/08/08 | FIT Numerical Modeling for EMI.pdf                             | 1151 |
| 18420 | 24/09/13 | Frequency Band and Multiscale Solutions.pdf                    | 267  |
| 18421 | 19/02/02 | Frequency to time convert.pdf                                  | 207  |
| 18422 | 24/02/09 | Frequency-Dependent Losses.pdf                                 | 674  |
| 18423 | 25/05/12 | From Maxwell Garnett to Debye Model.pdf                        | 846  |
| 18424 | 14/11/04 | Full-Wave EMI Simulation.pdf                                   | 244  |
| 18425 | 29/10/08 | Full-Wave Time-Domain Modeling.pdf                             | 181  |
| 18426 | 12/11/04 | Full-Wave Vs. Spice Modeling.pdf                               | 104  |
| 18427 | 30/06/09 | Galerkin Methods for MoM Antennas.pdf                          | 111  |
| 18428 | 01/10/12 | GPU-Based Massively Parallel 3-D HIE-FDTD.pdf                  | 549  |
| 18429 | 19/12/04 | Ground Plane Designs.pdf                                       | 109  |
| 18430 | 06/03/04 | Grounded Co-Planar Waveguides.pdf                              | 90   |
| 18431 | 10/10/06 | Guesswork out of EMC-EMI Design.pdf                            | 1088 |
| 18432 | 10/10/06 | Heat Sink Emissions.pdf  | 318  |
| 18433 | 30/12/14 | HF Wave Propagation on Overhead Multiconductor.pdf             | 728  |
| 18434 | 19/12/14 | Hierarchical MoM Modeling of Multiscale Structures.pdf         | 422  |
| 18435 | 11/12/07 | Hierarchical SVD-ACA Compression.pdf                           | 183  |
| 18436 | 15/02/11 | High Speed Interconnects of Multi-layer PCB.pdf                | 424  |
| 18437 | 19/06/15 | Hybrid Implicit-Explicit and Conformal (HIE-C) FDTD Method.pdf | 441  |
| 18438 | 22/12/07 | Hybrid MM-PO Computation.pdf                                   | 113  |
| 18439 | 03/01/11 | Hybridization of PEEC and MoM.pdf                              | 675  |
| 18440 | 10/01/06 | ICEM Predicting Emission.pdf                                   | 245  |
| 18441 | 04/12/04 | IEEE Recommended Practices.pdf                                 | 160  |
| 18442 | 12/01/08 | Implementation of Parallel FDTD.pdf                            | 306  |

|       |          |  |      |
|-------|----------|--|------|
| 18443 | 19/06/15 | Improved FDTD Thin Wire Representation.pdf                 | 207  |
| 18444 | 30/12/14 | Induced Currents on a Thin Wire Inside a Cylinder.pdf      | 299  |
| 18445 | 26/08/08 | Induced Ground Voltage TLM+UT.pdf                          | 90   |
| 18446 | 20/11/11 | Influence of geometry simplification.pdf                   | 1528 |
| 18447 | 24/09/13 | Integral Equation Methods (MOM) 2.pdf                      | 450  |
| 18448 | 05/12/04 | Integral Equation Methods (MOM).pdf                        | 52   |
| 18449 | 10/12/07 | Interconnect ARX Modelling.pdf                             | 145  |
| 18450 | 24/06/03 | Interconnects Modeling.pdf                                 | 188  |
| 18451 | 28/02/04 | Introduction to FDTD.pdf                                   | 616  |
| 18452 | 21/11/14 | Introduction to Modeling Techniques.pdf                    | 1796 |
| 18453 | 24/08/09 | Introduction to Numerical Methods in EM.pdf                | 499  |
| 18454 | 28/11/11 | Introduction to the FDTD Technique 2.pdf                   | 435  |
| 18455 | 24/09/13 | Introduction to the FDTD Technique 3.pdf                   | 284  |
| 18456 | 25/08/09 | Introduction to the FDTD Technique.pdf                     | 322  |
| 18457 | 28/11/11 | Introduction to the FEM 2.pdf                              | 1351 |
| 18458 | 24/09/13 | Introduction to the FEM Method.pdf                         | 4888 |
| 18459 | 28/02/11 | Introduction to the Finite Element Method.pdf              | 1077 |
| 18460 | 24/09/13 | Introduction to the Finite Integration Technique (FIT).pdf | 2205 |
| 18461 | 05/10/11 | Iterative Leapfrog Scheme for Fast Simulations.pdf         | 479  |
| 18462 | 08/03/16 | Jama Verify, Validate, Trace & Test.pdf                    | 64   |
| 18463 | 16/11/05 | Kron's method applied to EMC.pdf                           | 708  |
| 18464 | 14/10/11 | Large Multiscale EMC Problems with MoM.pdf                 | 185  |
| 18465 | 06/03/04 | Large Transmission Line.pdf                                | 149  |
| 18466 | 13/01/08 | Large-scale System EMC Simulator .pdf                      | 319  |
| 18467 | 11/09/05 | LF EM Problems with Fast Solvers.pdf                       | 154  |
| 18468 | 23/02/09 | Line Parameter Approximation.pdf                           | 120  |
| 18469 | 19/12/04 | Load Balancing in Parallel FDTD.pdf                        | 302  |
| 18470 | 31/08/07 | Lossy Transmission Line Macromodels.pdf                    | 256  |
| 18471 | 14/10/12 | Low- Frequency Breakdown Problem of Fullwave Solvers.pdf   | 302  |
| 18472 | 24/09/13 | Low-Power 3D System Integration.pdf                        | 161  |
| 18473 | 18/12/04 | Lumped Element Impedance.pdf                               | 184  |
| 18474 | 02/03/09 | Luneberg Lens with Reflecting Cap.pdf                      | 112  |
| 18475 | 06/07/08 | Macromodel of MTLs With Incident Fields.pdf                | 299  |
| 18476 | 23/12/15 | Magnetostatic Field Created by a Power Circuitry.pdf       | 256  |
| 18477 | 21/03/04 | Maillage en FDTD.pdf                                       | 134  |



|       |          |   |      |
|-------|----------|---|------|
| 18478 | 18/02/02 | Matched layers.pdf  | 122  |
| 18479 | 01/03/11 | Mathematical Source Reconstruction.pdf                      | 860  |
| 18480 | 12/03/15 | MDM Heuristic Prediction of Eut's Multiple Dipole Model.pdf | 156  |
| 18481 | 16/05/14 | Mentor CAD Library.pdf                                      | 1167 |
| 18482 | 24/11/13 | Meshing Technique into Parallel FDTD Simulation.pdf         | 908  |
| 18483 | 23/06/03 | Methods comparison.pdf                                      | 229  |
| 18484 | 30/08/07 | MFDM Modeling of Package & PCBs.pdf                         | 225  |
| 18485 | 24/10/08 | Microstrip Lines Using FDTD.pdf                             | 259  |
| 18486 | 01/09/07 | MM-UTD Enclosures With Apertures.pdf                        | 144  |
| 18487 | 09/02/11 | Mobile Phone PCB with Shielding using FDTD.pdf              | 563  |
| 18488 | 27/08/08 | Mobile Phone RF Hardware Simulation.pdf                     | 341  |
| 18489 | 06/03/04 | Model order reduction method.pdf                            | 124  |
| 18490 | 28/02/11 | Model Partitioning for Complex EMC Problems.pdf             | 174  |
| 18491 | 24/08/09 | Model Partitioning for Complex EMC.pdf                      | 152  |
| 18492 | 11/05/15 | Modeling and Simulation for EMC-Part I.pdf                  | 516  |
| 18493 | 01/01/07 | Modeling Complex EMC Problems.pdf                           | 163  |
| 18494 | 03/09/07 | Modeling of EM Wave Using TLM.pdf                           | 191  |
| 18495 | 19/08/12 | Modeling of field singularities at dielectric edges.pdf     | 263  |
| 18496 | 31/12/06 | Modeling radiation sources.pdf                              | 838  |
| 18497 | 11/10/13 | Modeling Techniques for Reducing Complexity.pdf             | 3609 |
| 18498 | 28/08/01 | Modeling tools.pdf  | 89   |
| 18499 | 21/03/04 | Modélisation de l'émission de pistes.pdf                    | 292  |
| 18500 | 09/10/06 | Modelling Slot Structures using TLM.pdf                     | 182  |
| 18501 | 22/12/07 | Modular Junction Approach.pdf                               | 159  |
| 18502 | 06/09/05 | MoM & Platform- Mounted Antennas.pdf                        | 150  |
| 18503 | 24/08/09 | MOM in Numerical Modeling 1.pdf                             | 577  |
| 18504 | 28/02/11 | MOM in Numerical Modeling 2.pdf                             | 350  |
| 18505 | 28/11/11 | MOM in Numerical Modeling.pdf                               | 240  |
| 18506 | 18/02/02 | MoM in screened room.pdf                                    | 111  |
| 18507 | 06/09/05 | MoM in Shielding Effectiveness.pdf                          | 203  |
| 18508 | 19/02/02 | MoM matrix reduction.pdf                                    | 162  |
| 18509 | 03/09/08 | MOM Numerical Modeling.pdf                                  | 495  |
| 18510 | 02/09/08 | Mom Use, Validation and Limitations.pdf                     | 74   |
| 18511 | 20/08/09 | MoM Using Stoer-Bulirsch Algorithm.pdf                      | 172  |
| 18512 | 16/02/02 | MoM vs EFIE for thin structures.pdf                         | 146  |

|       |          |  |      |
|-------|----------|--|------|
| 18513 | 11/12/07 | MoM-FDTD Hybrid Method.pdf                           | 188  |
| 18514 | 21/12/04 | MoM-PO-UTD Hybridization.pdf                         | 300  |
| 18515 | 27/02/13 | Monte Carlo Method for EMF Simulation.pdf            | 203  |
| 18516 | 09/10/06 | Multiconductor Model for TLM.pdf                     | 188  |
| 18517 | 06/03/04 | Multilayer Composite Slab.pdf                        | 212  |
| 18518 | 16/02/02 | Multilayer H shield.pdf                              | 104  |
| 18519 | 16/11/05 | Multiscale & multiphysique problem.pdf               | 506  |
| 18520 | 16/11/13 | Multi-scale and Multi-physics Modeling.pdf           | 6659 |
| 18521 | 26/03/15 | Multi-Scale EMC Simulation Using Field Sources.pdf   | 1796 |
| 18522 | 11/09/05 | Multi-Scale Finite Elements.pdf                      | 173  |
| 18523 | 06/10/11 | NEC Coupling between Airborne Antennas.pdf           | 825  |
| 18524 | 19/06/15 | NEC HF Wave Propagation on Overhead Conductor.pdf    | 241  |
| 18525 | 20/08/09 | Nested Rectangular Computer Enclosures.pdf           | 196  |
| 18526 | 12/03/15 | NIF Three-Wire Shielded Energy Cables Simulation.pdf | 800  |
| 18527 | 21/08/13 | Nonorthogonal LOD-FDTD Method for EM Scattering.pdf  | 238  |
| 18528 | 13/10/09 | Nonuniform Grids into FDTD Solution.pdf              | 345  |
| 18529 | 23/06/03 | N-Port Models.pdf                                    | 896  |
| 18530 | 17/06/06 | Numerical EMC Modelling.pdf                          | 5326 |
| 18531 | 26/09/10 | Nystrom Method Analysis.pdf                          | 429  |
| 18532 | 25/11/13 | On-Demand Cloud HPC Resources.pdf                    | 145  |
| 18533 | 31/12/06 | Orthonormal Vector Fitting Technique.pdf             | 145  |
| 18534 | 28/02/11 | Overview of Electromagnetic Modeling Software.pdf    | 1195 |
| 18535 | 24/08/09 | Overview of Electromagnetic Modeling.pdf             | 1053 |
| 18536 | 28/11/11 | Overview of EM Modeling Software.pdf                 | 1828 |
| 18537 | 13/12/06 | Overview of the PEEC Method.pdf                      | 252  |
| 18538 | 14/01/08 | Package and Board Parasitics.pdf                     | 693  |
| 18539 | 27/10/08 | Parallel iterative MoM solver.pdf                    | 87   |
| 18540 | 26/08/08 | Parallel MLFMM & Network Theory.pdf                  | 491  |
| 18541 | 31/03/11 | Partial Electromagnetic Bandgap Structure.pdf        | 431  |
| 18542 | 31/12/06 | PEC structures in FDTD technique.pdf                 | 113  |
| 18543 | 21/03/04 | PLM pour méthode hybride.pdf                         | 129  |
| 18544 | 09/02/11 | Polarization Extraction & Linear Component.pdf       | 95   |
| 18545 | 11/07/12 | Polynomial Chaos for Random Field Coupling.pdf       | 180  |
| 18546 | 13/12/06 | Practical Applications of the MoM.pdf                | 111  |
| 18547 | 13/12/06 | Practical Aspects of MoM Modeling.pdf                | 552  |

|       |          |   |      |
|-------|----------|---|------|
| 18548 | 25/11/07 | Prediction of a PCB Radiation.pdf                     | 221  |
| 18549 | 19/12/04 | Progress in PEEC method.pdf                           | 967  |
| 18550 | 26/02/16 | Propagation and Aliasing of HF in the FDTD Grid.pdf   | 294  |
| 18551 | 19/10/06 | Protection by Open Systems.pdf                        | 1708 |
| 18552 | 16/02/02 | Pulses spectra.pdf                                    | 505  |
| 18553 | 31/12/06 | Radiated Emissions from Cables.pdf                    | 99   |
| 18554 | 10/03/09 | Radiation From a Video Amplifier.pdf                  | 146  |
| 18555 | 23/03/04 | Radiation of power-bus.pdf                            | 531  |
| 18556 | 19/12/04 | Radiations of Interconnected Units.pdf                | 283  |
| 18557 | 21/03/04 | Railway Line modelling.pdf                            | 278  |
| 18558 | 08/10/06 | Ray Tracing for Indoor Propagation.pdf                | 56   |
| 18559 | 31/12/06 | Rectangle Wave Propagation.pdf                        | 124  |
| 18560 | 06/03/09 | Rectangular Coaxial Cone Transmission Line.pdf        | 93   |
| 18561 | 13/10/14 | Reduced Eigenspace Method for Circuit Modeling.pdf    | 221  |
| 18562 | 11/09/05 | Reduced Unknowns Meshing for PEEC.pdf                 | 187  |
| 18563 | 05/12/04 | Reduced-Order Techniques.pdf                          | 184  |
| 18564 | 01/03/09 | Reducing Dispersion in FDTD Algorithm.pdf             | 153  |
| 18565 | 12/11/04 | Reduction for Interconnect Simulation.pdf             | 119  |
| 18566 | 16/05/14 | Reflected and Diffracted EMF of Conducting Wedges.pdf | 686  |
| 18567 | 19/12/04 | Resonance from Nonlinear System.pdf                   | 106  |
| 18568 | 31/12/06 | Sandwiched Composite-FSS Structures.pdf               | 209  |
| 18569 | 26/12/08 | Scattering from Structures by MLFMA.pdf               | 210  |
| 18570 | 15/08/06 | SCSI Signal Modeling-2.pdf                            | 268  |
| 18571 | 03/09/07 | SDFD & TDMM for EMC.pdf                               | 197  |
| 18572 | 12/01/08 | SE using Multiresolution MoM.pdf                      | 153  |
| 18573 | 01/03/11 | Series of Smaller Models and Combining Results.pdf    | 400  |
| 18574 | 25/02/04 | Serpentine radiation.pdf                              | 220  |
| 18575 | 19/12/04 | Shorten Time Domain Simulations.pdf                   | 127  |
| 18576 | 19/12/04 | SI & EMI PEEC Analysis.pdf                            | 289  |
| 18577 | 02/03/09 | Simulator of EMI Parameters PET&SEP.pdf               | 291  |
| 18578 | 25/05/06 | Slot structures & TLM.pdf                             | 209  |
| 18579 | 21/11/14 | Smaller Sub-Systems for EM-CKT Modeling.pdf           | 2685 |
| 18580 | 06/03/04 | SMT Decoupling Capacitors.pdf                         | 171  |
| 18581 | 06/03/04 | Spectral Domain Approach.pdf                          | 253  |
| 18582 | 19/12/04 | Stability of PEEC Models.pdf                          | 619  |

|       |          |   |      |
|-------|----------|---|------|
| 18583 | 27/11/13 | Static and Full Wave Techniques.pdf                           | 360  |
| 18584 | 13/01/14 | Statistical EMC-EMI Characterization.pdf                      | 499  |
| 18585 | 21/10/15 | Straight Thin Wire in a Lossy Medium for FDTD Simulations.pdf | 259  |
| 18586 | 30/06/09 | Stroud-Based Collocation Method.pdf                           | 382  |
| 18587 | 27/10/08 | Stroud-based stochastic collocation.pdf                       | 141  |
| 18588 | 14/10/11 | Superposition of Multipole Radiators.pdf                      | 318  |
| 18589 | 14/10/11 | Surface Integral Equations for 3-D Impedance Extraction.pdf   | 256  |
| 18590 | 22/01/07 | Surface Integral Equations.pdf                                | 348  |
| 18591 | 06/09/05 | Symmetric TEM Cell FDTD Analysis.pdf                          | 294  |
| 18592 | 27/10/08 | System-Level EMC Modeling.pdf                                 | 252  |
| 18593 | 03/09/07 | TD Multiregion Combined Simulation.pdf                        | 332  |
| 18594 | 11/01/10 | Thin-Wire Model in Lossy Media.pdf                            | 194  |
| 18595 | 23/03/04 | Time-Domain Cell Method.pdf                                   | 592  |
| 18596 | 16/11/13 | Time-Domain Explicit Stable Methods.pdf                       | 1102 |
| 18597 | 26/10/08 | Time-Domain Modeling for Periodic Structures.pdf              | 244  |
| 18598 | 27/03/15 | Time-Domain Modeling.pdf                                      | 1533 |
| 18599 | 17/11/13 | Time-Domain Node-Based Meshless Methods.pdf                   | 1796 |
| 18600 | 13/01/14 | Time-Domain Reflection Coefficient Function.pdf               | 322  |
| 18601 | 18/12/04 | Time-Domain Vector Fitting.pdf                                | 408  |
| 18602 | 23/02/09 | TLM Dispersion for High-Speed Lines.pdf                       | 254  |
| 18603 | 07/02/11 | TLM for Designing Filters on PCB.pdf                          | 364  |
| 18604 | 15/03/10 | TLM Modeling of Ferrite Beads.pdf                             | 159  |
| 18605 | 07/09/05 | TLM Modelling of EMC problems.pdf                             | 211  |
| 18606 | 28/02/04 | TLM.pdf   | 121  |
| 18607 | 25/05/06 | Transfer Standard Correlation.pdf                             | 134  |
| 18608 | 24/08/09 | Transmission Line Fundamentals.pdf                            | 2163 |
| 18609 | 28/11/11 | Transmission-Line Matrix Method (TLM).pdf                     | 642  |
| 18610 | 24/09/13 | Transmission-Line Matrix Method (TLM)2.pdf                    | 902  |
| 18611 | 14/04/15 | Uncertainty Propagation in 3D-FDTD Magnetized Cold Plasma.pdf | 172  |
| 18612 | 20/02/02 | Vehicle radiated EMI.pdf                                      | 147  |
| 18613 | 30/11/11 | Vertical Dipole Over a Lossy Ground.pdf                       | 669  |
| 18614 | 20/12/04 | Via Coupling & Radiation Loss.pdf                             | 271  |
| 18615 | 30/11/04 | Waveform Relaxation Partitioning.pdf                          | 144  |
| 18616 | 19/02/02 | Waveguides coupling.PDF                                       | 85   |
| 18617 | 06/09/05 | Weakly Nonlinear Narrow Bandpass.pdf                          | 332  |

18618

18619

## Normes, Réglementation & Qualité

18620

18621

### Normes, Réglementation & Qualité\Certification

|       |          |   |     |
|-------|----------|---|-----|
| 18622 | 27/07/15 | Benefits of CQC Certification for China.pdf         | 145 |
| 18623 | 19/08/12 | Certification.pdf                                   | 136 |
| 18624 | 16/04/15 | China CCC Implementation Rules.pdf                  | 150 |
| 18625 | 01/08/15 | ISO-IEC 17065 Standard for Certification Bodies.pdf | 232 |

18626

### Normes, Réglementation & Qualité\Comparaison de normes

|       |          |  |     |
|-------|----------|--|-----|
| 18627 | 10/03/09 | Comparison of Field-Strength Standards.pdf | 187 |
|-------|----------|--|-----|

18628

### Normes, Réglementation & Qualité\Directives - Exigences de conformité

|       |          |   |     |
|-------|----------|---|-----|
| 18629 | 29/08/08 | 2004-108 - Conformance requirements.pdf         | 138 |
| 18630 | 28/08/08 | 2004-108 Directive Enforcement.pdf              | 78  |
| 18631 | 28/08/08 | 2004-108 Fixed Installations.pdf                | 87  |
| 18632 | 28/08/08 | 2004-108 Military Requirements.pdf              | 77  |
| 18633 | 29/01/07 | 2004-108-EC- Systems, Installations.pdf         | 203 |
| 18634 | 05/09/05 | 2005 European Directives.pdf                    | 42  |
| 18635 | 03/12/15 | 2015 Main European Directives.pdf               | 168 |
| 18636 | 12/02/16 | BBC311 The Radio Equipment Directive.pdf        | 367 |
| 18637 | 28/08/08 | CE Apparatus Conformity Assessment.pdf          | 36  |
| 18638 | 28/08/08 | Conformity Assessment for Apparatus.pdf         | 36  |
| 18639 | 11/12/06 | Edition 2 of EMC Directive 2004-108.pdf         | 74  |
| 18640 | 23/07/15 | EMC Directive Without 3rd Party Testing.pdf     | 308 |
| 18641 | 15/02/02 | EMC directive.pdf                               | 28  |
| 18642 | 11/12/06 | EMCD 2004-108.pdf                               | 179 |
| 18643 | 12/01/08 | FCC Equipment Authorization Program.pdf         | 100 |
| 18644 | 06/04/11 | Gaps in Application of the EMC Directive.pdf    | 296 |
| 18645 | 29/07/15 | Get Your EMC Compliance Passport Ready!.pdf     | 373 |
| 18646 | 16/04/15 | New Framework for the EU EMC 2014 Directive.pdf | 105 |
| 18647 | 23/03/16 | Normes CEM harmonisées UE 2015.pdf              | 121 |
| 18648 | 26/09/11 | Requirements for Space Systems.pdf              | 203 |
| 18649 | 11/12/06 | Revision of the EMC Directive.pdf               | 574 |
| 18650 | 14/11/04 | The European EMC Directive.pdf                  | 57  |
| 18651 | 15/12/06 | The new EMC Directive 2004-108-EC.pdf           | 81  |
| 18652 | 15/12/06 | Transposing the EMC Directive.pdf               | 88  |

|       |   |   |     |
|-------|---|---|-----|
| 18653 | <b>Normes, Réglementation &amp; Qualité\EA, ILAC &amp; incertitudes</b> |   |     |
| 18654 | 10/05/02  | 50173 paragraphe 8.pdf                                      | 8   |
| 18655 | 22/03/06  | E sensor calibration.pdf                                    | 194 |
| 18656 | 22/06/03  | EA-01-01rev21.pdf   | 113 |
| 18657 | 10/07/11  | EA-04-02_99 Calibration.pdf                                 | 274 |
| 18658 | 22/06/03  | EA-04-07 {Traceability}.pdf                                 | 192 |
| 18659 | 19/01/02  | EA-10-08.pdf  | 55  |
| 18660 | 29/03/02  | EA-10-12 {VNA}.pdf  | 103 |
| 18661 | 29/03/02  | EA-10-15 {DMM}.pdf  | 109 |
| 18662 | 22/06/03  | EA-10-15rev00 2.pdf   | 110 |
| 18663 | 29/03/02  | EA-2-05 {Scope}.pdf   | 62  |
| 18664 | 29/03/02  | EA-3_08 {45010}.pdf   | 105 |
| 18665 | 29/03/02  | EA-7_01 {45012}.pdf   | 154 |
| 18666 | 29/03/02  | EA-7_02.PDF   | 146 |
| 18667 | 29/03/02  | EAL-G23 {Uncertainty}.pdf                                   | 43  |
| 18668 | 29/03/02  | EAL-G30 {oscilloscope}.pdf                                  | 285 |
| 18669 | 29/03/02  | EAL-G31 {Thermocouples}.pdf                                 | 49  |
| 18670 | 29/03/02  | EAL-G31 Thermocouples.pdf                                   | 55  |
| 18671 | 28/08/01  | EMA uncertainty.pdf   | 139 |
| 18672 | 22/06/03  | Ilac-g17 {Uncertainty}.pdf                                  | 119 |
| 18673 | 29/03/02  | QUAM {CITAC Guide}.pdf                                      | 574 |
| 18674 | 18/02/02  | Receiver uncertainty.pdf                                    | 115 |
| 18675 | <b>Normes, Réglementation &amp; Qualité\Environnements</b>              |   |     |
| 18676 | 27/08/08  | 61000-2-5 Environments revision.pdf                         | 81  |
| 18677 | 04/04/09  | EM Environment Selection of Standard.pdf                    | 181 |
| 18678 | 07/11/13  | Siemens Jaekel 2008.pdf                                     | 607 |
| 18679 | <b>Normes, Réglementation &amp; Qualité\Exigences étrangères</b>        |   |     |
| 18680 | 29/07/15  | Are You Ready for Entry to China?.pdf                       | 155 |
| 18681 | 21/08/09  | Certifications for Telecom Equipment for China.pdf          | 50  |
| 18682 | 31/08/15  | China Certification for Medical Products.pdf                | 123 |
| 18683 | 12/01/08  | China Quality Certification Center.pdf                      | 254 |
| 18684 | 14/11/04  | China's Compliance Management.pdf                           | 164 |
| 18685 | 08/03/04  | China's Compliance System.pdf                               | 169 |
| 18686 | 27/07/15  | Compliance in BRICS for ITE.pdf                             | 228 |
| 18687 | 29/07/15  | Compliance in Mexico, Central America and South America.pdf | 501 |

|       |   |   |      |
|-------|---|---|------|
| 18688 | 13/01/08  | EMC Activities in Korea.pdf                                   | 576  |
| 18689 | 25/02/04  | EMC in Hong Kong.pdf  | 141  |
| 18690 | 12/01/08  | EMC Regulations in Japan & VCCI.pdf                           | 395  |
| 18691 | 13/01/08  | EMC Standards in China.pdf                                    | 180  |
| 18692 | 20/08/09  | EMC Technology Development of China.pdf                       | 82   |
| 18693 | 13/01/08  | EMC Technology in China.pdf                                   | 115  |
| 18694 | 12/01/08  | EMC Test In China.pdf   | 366  |
| 18695 | 26/08/09  | EMI requirements above 1GHz in Taiwan.pdf                     | 339  |
| 18696 | 21/12/04  | Finland Statistics & EMC Market.pdf                           | 145  |
| 18697 | 14/09/03  | Finland UPS compliance.pdf                                    | 1017 |
| 18698 | 20/11/14  | ITE EMC Requirements in BRIC Countries.pdf                    | 89   |
| 18699 | 31/08/15  | Middle East Regulatory Compliance for Electronics.pdf         | 450  |
| 18700 | 24/07/15  | New CCC Regulations in China.pdf                              | 123  |
| 18701 | 23/07/15  | OET 62 Understanding FCC Regulations.pdf                      | 268  |
| 18702 | 29/07/15  | Primer on ITE Global Regulatory.pdf                           | 257  |
| 18703 | 20/08/09  | Radio Approval in Japan.pdf                                   | 125  |
| 18704 | 21/08/09  | Radio Product Certifications for Russia.pdf                   | 48   |
| 18705 | 20/08/09  | Regulatory Update in Asia Pacific Rim.pdf                     | 133  |
| 18706 | 29/07/15  | South Korea Wireless Certification.pdf                        | 318  |
| 18707 | 13/01/08  | The EMC Scene in Australia.pdf                                | 339  |
| 18708 | 20/08/09  | Understanding KCC Certification.pdf                           | 190  |
| 18709 | 01/09/08  | VCCI Kit Module EMI Program.pdf                               | 391  |
| 18710 | 23/12/15  | Why Should They Keep Testing My Stuff?.pdf                    | 2149 |
| 18711 | <b>Normes, Réglementation &amp; Qualité\FCC et USA</b>            |   |      |
| 18712 | 27/07/15  | A FCC Sea Change for Testing Laboratories?.pdf                | 111  |
| 18713 | 29/07/15  | EU-US Transatlantic Trade and Investment Partnership.pdf      | 118  |
| 18714 | 10/04/15  | FCC and Industry Canada Updates 2015.pdf                      | 79   |
| 18715 | 20/12/04  | FCC Rules For Digital Devices.pdf                             | 123  |
| 18716 | 25/02/04  | US EMI standards.pdf  | 97   |
| 18717 | <b>Normes, Réglementation &amp; Qualité\Management des normes</b> |   |      |
| 18718 | 21/11/14  | EMC Society Standardization Process.pdf                       | 293  |
| 18719 | 24/08/09  | Major EMC Standards Committees.pdf                            | 113  |
| 18720 | 19/08/12  | Organisations internationales de normalisation électrique.pdf | 133  |
| 18721 | 28/02/11  | Organization of IEC TC 77 (EMC).pdf                           | 305  |
| 18722 | 16/10/12  | Standard management.pdf                                       | 387  |

|       |  |  |      |
|-------|--|--|------|
| 18723 | 04/05/12   | Standardization for Defence.pdf                          | 827  |
| 18724 | <b>Normes, Réglementation &amp; Qualité\Marquage</b>                     |  |      |
| 18725 | 21/03/04   | Guidelines for CE Marking.pdf                            | 301  |
| 18726 | 19/08/12   | Marque nationale de conformité aux normes.pdf            | 125  |
| 18727 | <b>Normes, Réglementation &amp; Qualité\Normes civiles et évolutions</b> |  |      |
| 18728 | 08/08/11   | 2003-10_emc-standards.pdf                                | 28   |
| 18729 | 28/08/08   | 2004-108 Harmonised standards.pdf                        | 87   |
| 18730 | 28/08/08   | 2004-108 Requirements FR-PM-1.pdf                        | 75   |
| 18731 | 21/11/14   | 2014 Current and emerging EMC standardization.pdf        | 86   |
| 18732 | 27/08/08   | 61000-4-20 with Broadband Signals.pdf                    | 170  |
| 18733 | 16/07/14   | ACEC EMC Standards 2014 Activity.pdf                     | 1087 |
| 18734 | 24/07/15   | CISPR 11 Historical and Evolutionary Review.pdf          | 168  |
| 18735 | 25/12/07   | CISPR 12 and CISPR 25.pdf                                | 76   |
| 18736 | 12/12/01   | CISPR 22 capacitive clamp.pdf                            | 195  |
| 18737 | 11/09/02   | CISPR 22 Capacitive probe.pdf                            | 264  |
| 18738 | 18/02/02   | CISPR 22 measurement.pdf                                 | 153  |
| 18739 | 15/02/02   | CISPR 24.pdf   | 383  |
| 18740 | 18/02/02   | CISPR 25 measurement.pdf                                 | 258  |
| 18741 | 24/11/12   | CISPR32 Emission Multimedia equipment.pdf                | 509  |
| 18742 | 10/10/11   | Discontinuous Disturbance according to CISPR 14 & 16.pdf | 183  |
| 18743 | 23/07/15   | EMC Standards Overview.pdf                               | 408  |
| 18744 | 25/08/09   | EMI measurements Standards above 1 GHz.pdf               | 544  |
| 18745 | 21/12/04   | European EMC standards.pdf                               | 83   |
| 18746 | 27/02/04   | Ferrite clamp vs CISPR 22.pdf                            | 378  |
| 18747 | 14/01/08   | Focus of work above 1 GHz.pdf                            | 383  |
| 18748 | 04/06/07   | Future Radio Astronomy Regulations.pdf                   | 48   |
| 18749 | 27/03/15   | IEC & EMCS Standards Update.pdf                          | 92   |
| 18750 | 25/02/04   | IEC 61000-4-6.pdf  | 56   |
| 18751 | 24/06/03   | IEC 61967 practice.pdf                                   | 576  |
| 18752 | 21/11/14   | IEEE 1309 Background.pdf                                 | 164  |
| 18753 | 25/08/09   | IEEE Std 1302 guide for shielding gaskets.pdf            | 381  |
| 18754 | 01/03/11   | IEEE STD 473 Overview.pdf                                | 269  |
| 18755 | 24/06/03   | Impact of IEC 61000-1-2.pdf                              | 133  |
| 18756 | 21/08/09   | International Automotive EMC Standards.pdf               | 79   |
| 18757 | 05/12/04   | International Domestic EMI Standards.pdf                 | 138  |



|       |   |  |      |
|-------|---|--|------|
| 18758 | 08/07/04  | International EMC Standards.pdf                        | 2412 |
| 18759 | 16/10/12  | Introduction to EMC Standards.pdf                      | 1146 |
| 18760 | 14/11/04  | New CISPR 22 Ferrite Clamp.pdf                         | 373  |
| 18761 | 23/03/04  | prEN50147-3 Fully anechoic rooms.pdf                   | 888  |
| 18762 | 29/09/13  | Standardization In The Range of 2 to 150 kiloHertz.pdf | 579  |
| 18763 | 06/05/14  | Standards for Supraharmonics (2 to 150 kHz).pdf        | 1078 |
| 18764 | 08/03/09  | STANDARDS WORLD-WIDE.pdf                               | 400  |
| 18765 | 21/11/14  | Understanding EMC standards from the IEEE.pdf          | 83   |
| 18766 | <b>Normes, Réglementation &amp; Qualité\Normes étrangères</b>               |  |      |
| 18767 | 29/11/11  | Additions for MIL-STD-461G.pdf                         | 784  |
| 18768 | 07/10/12  | Standard for NASA's Goddard Space Flight Center.pdf    | 519  |
| 18769 | <b>Normes, Réglementation &amp; Qualité\Normes militaires et évolutions</b> |  |      |
| 18770 | 01/08/15  | Anticipated Changes in MIL-STD-461G.pdf                | 668  |
| 18771 | 24/08/09  | Commercial Standards vs MIL-STD-461.pdf                | 674  |
| 18772 | 29/07/15  | Design Practices for Military EMC.pdf                  | 219  |
| 18773 | 26/08/09  | Historical Perspective on MIL-STD-464.pdf              | 136  |
| 18774 | 26/08/09  | History of MIL-STD-461.pdf                             | 207  |
| 18775 | 24/08/09  | MIL-STD-461F Changes and Impacts.pdf                   | 111  |
| 18776 | 13/11/04  | MIL-STD-462 CS02 Potential Damage.pdf                  | 106  |
| 18777 | 06/03/04  | MIL-STD-462 CS02 Setup.pdf                             | 110  |
| 18778 | 24/08/09  | MIL-STD-464 Updates.pdf                                | 116  |
| 18779 | 24/08/09  | Potential Changes to MIL STD 461F.pdf                  | 550  |
| 18780 | <b>Normes, Réglementation &amp; Qualité\Organismes de normalisation</b>     |  |      |
| 18781 | 25/02/04  | ANSI C63 (EMC).pdf                                     | 50   |
| 18782 | 27/02/04  | CISPR & EMC.pdf  | 239  |
| 18783 | 11/12/06  | History of EMC Society Standards.pdf                   | 83   |
| 18784 | 04/12/07  | IEC Central Office WS-25.pdf                           | 96   |
| 18785 | 25/02/04  | IEC EMC Standardisation.pdf                            | 33   |
| 18786 | 04/12/07  | IEC WS-25 ACEC EMC Workshop.pdf                        | 97   |
| 18787 | 04/12/07  | IEC WS-25 Introduction.pdf                             | 87   |
| 18788 | 25/02/04  | IEEE standardization.pdf                               | 155  |
| 18789 | 11/12/06  | IEEE Standards Development Process.pdf                 | 260  |
| 18790 | 14/08/08  | Role and Activity of ANSI.pdf                          | 416  |
| 18791 | <b>Normes, Réglementation &amp; Qualité\Organismes notifiés</b>             |  |      |
| 18792 | 13/11/11  | Accredited EMC Labs in 2011.pdf                        | 77   |

|       |  |  |      |
|-------|--|--|------|
| 18793 | 27/03/15   | Certification Bodies to ISO-IEC 17065-2012.pdf           | 234  |
| 18794 | 08/04/07   | Laboratory Accreditation.pdf                             | 75   |
| 18795 | 27/03/15   | Notified Body Assessment.pdf                             | 49   |
| 18796 | 28/08/08   | The Notified Bodies.pdf                                  | 73   |
| 18797 | 11/12/06   | Transmitters and the TCB.pdf                             | 165  |
| 18798 | <b>Normes, Réglementation &amp; Qualité\Procédures de conformité et instructions</b> |  |      |
| 18799 | 21/08/09   | COTS and the DoD Acquisition Process.pdf                 | 2917 |
| 18800 | 14/11/04   | EMC Design Mitigation Plan.pdf                           | 36   |
| 18801 | 06/12/07   | EMI Sub-System Emission Limits.pdf                       | 114  |
| 18802 | 08/03/04   | Introducing EMC into Curriculum.pdf                      | 60   |
| 18803 | 27/07/15   | People Process Behind Product Compliance Process.pdf     | 191  |
| 18804 | 22/12/07   | Prescribing EMC Design Targets.pdf                       | 106  |
| 18805 | 27/07/15   | Role of Product Instructions in Liability Prevention.pdf | 130  |
| 18806 | <b>Normes, Réglementation &amp; Qualité\Qualité, accréditation et labos</b>          |  |      |
| 18807 | 05/09/05   | 2005 US EMC Labs Accreditation.pdf                       | 235  |
| 18808 | 20/12/04   | 25 Years of EMC Test Labs.pdf                            | 53   |
| 18809 | 03/09/08   | Accreditation of EMC Labs in the US.pdf                  | 128  |
| 18810 | 12/12/06   | Accreditation of EMC Labs in US.pdf                      | 219  |
| 18811 | 15/12/04   | Accreditation of EMC US Laboratories.pdf                 | 202  |
| 18812 | 17/10/12   | Archiving Professional Records.pdf                       | 671  |
| 18813 | 22/12/07   | EMC Standards & Product Quality.pdf                      | 121  |
| 18814 | 08/03/04   | Implementing of ISO-IEC 17025.pdf                        | 62   |
| 18815 | 30/07/11   | ISO-IEC 17025 - General requirements.pdf                 | 150  |
| 18816 | 14/11/04   | ISO-IEC 17025 Quality System.pdf                         | 54   |
| 18817 | 14/08/12   | Méthodes et outils de la qualité - Nouveaux outils.pdf   | 536  |
| 18818 | 21/11/12   | Qualité en conception - Méthodologie.pdf                 | 145  |
| 18819 | 21/12/04   | Rule of Six- compliance assurance.pdf                    | 95   |
| 18820 | 12/12/06   | Selecting a Quality EMC Lab 06.pdf                       | 70   |
| 18821 | 12/01/08   | Selecting a Quality EMC Lab 07.pdf                       | 77   |
| 18822 | 03/09/08   | Selecting a Quality EMC Lab 08.pdf                       | 68   |
| 18823 | 24/08/09   | Selecting a Quality EMC Lab 09.pdf                       | 71   |
| 18824 | 16/10/12   | Standards - Plant and Laboratory Perspective.pdf         | 654  |
| 18825 | 14/11/04   | Test Laboratory Confidence.pdf                           | 79   |
| 18826 | <b>Normes, Réglementation &amp; Qualité\Radio, normalisation et procédures</b>       |  |      |
| 18827 | 27/03/15   | ACB EMC & Radio Equipment Directive.pdf                  | 154  |

|       |   |   |     |
|-------|---|---|-----|
| 18828 | 06/09/11  | R&TTE TGN01 Rev4.pdf                                | 106 |
| 18829 | 29/09/13  | Radio Approval in China.pdf                         | 435 |
| 18830 | 08/03/04  | Ultra-Wideband Compliance Issues.pdf                | 105 |
| 18831 | <b>Normes, Réglementation &amp; Qualité\Reconnaissance mutuelle (MRA)</b>         |   |     |
| 18832 | 12/01/08  | Canadian Telecommunication MRA.pdf                  | 122 |
| 18833 | 12/01/08  | Government-to-Government MRA.pdf                    | 533 |
| 18834 | 12/01/08  | Phase I-II of MRA in Hong-Kong.pdf                  | 149 |
| 18835 | <b>Normes, Réglementation &amp; Qualité\Réglementations</b>                       |   |     |
| 18836 | 26/11/13  | Complexities of Worldwide Regulatory Compliance.pdf | 458 |
| 18837 | 24/07/15  | Global Regulatory Requirements for ITE.pdf          | 215 |
| 18838 | 19/08/12  | Normalisation, réglementation et mesure.pdf         | 177 |
| 18839 | 19/08/12  | Réglementations techniques en électricité.pdf       | 217 |
| 18840 | 08/04/07  | Regulatory Compliance.pdf                           | 100 |
| 18841 | <b>Normes, Réglementation &amp; Qualité\Sécurité et normalisation</b>             |   |     |
| 18842 | 05/09/05  | 2005 Product safety.pdf                             | 976 |
| 18843 | 23/12/07  | EMC Standardization & Functional Safety.pdf         | 105 |
| 18844 | 19/12/04  | Singapore Product Safety.pdf                        | 66  |
| 18845 | <b>Normes, Réglementation &amp; Qualité\Surveillance du marché - Contrefaçons</b> |   |     |
| 18846 | 25/02/04  | Finland statistics.pdf                              | 57  |
| 18847 | 11/12/06  | Market Surveillance Strategy in EU.pdf              | 434 |
| 18848 | 20/12/04  | PCs and EMC Control.pdf                             | 91  |
| 18849 | 09/09/05  | Smooth-running Market Surveillance.pdf              | 197 |
| 18850 | 27/07/15  | Suspect-Counterfeit Items and Packaging.pdf         | 882 |
| 18851 | <b>Normes, Réglementation &amp; Qualité\Tests d'immunité</b>                      |   |     |
| 18852 | 20/12/04  | 25 Years of EMC Testing.pdf                         | 78  |
| 18853 | 24/06/03  | H Immunity Standards.pdf                            | 154 |
| 18854 | 01/09/08  | IEC Transient-Immunity Testing.pdf                  | 97  |

18855

## 18856 PEEC

18857

|       |          |  |     |
|-------|----------|--|-----|
| 18858 | 28/11/04 | Non-Orthogonal PEEC Formulation.pdf                    | 378 |
| 18859 | 13/11/04 | 3D PEEC Capacitance Calculations.pdf                   | 371 |
| 18860 | 27/08/08 | A mixed nodal-mesh formulation.pdf                     | 189 |
| 18861 | 15/08/14 | Acceleration of Time-Domain Nodal-Analysis of PEEC.pdf | 432 |
| 18862 | 13/10/14 | Broadband full-wave frequency domain PEEC solver.pdf   | 198 |

|       |          |  |      |
|-------|----------|--|------|
| 18863 | 13/11/04 | CEMPIE-PEEC Simulations of PCBs.pdf                                | 373  |
| 18864 | 21/03/04 | Comparaison PEEC, rPEEC et TLM.pdf                                 | 103  |
| 18865 | 31/08/07 | Connectivity of PEEC Cells.pdf                                     | 210  |
| 18866 | 29/10/08 | Coupling along Nonparallel Traces.pdf                              | 145  |
| 18867 | 13/10/14 | Distributive Radiation Characterization.pdf                        | 326  |
| 18868 | 26/12/08 | Dyadic Green's Functions Layered Media.pdf                         | 369  |
| 18869 | 03/09/07 | Element Accuracy on PEEC Stability.pdf                             | 339  |
| 18870 | 22/12/07 | Extended MagPEEC Model.pdf   | 442  |
| 18871 | 27/08/11 | Grounding Transient Potential Rises.pdf                            | 1597 |
| 18872 | 15/08/14 | Hybrid PEEC-SPICE Method for Time-Domain Simulation.pdf            | 893  |
| 18873 | 27/07/15 | I'm Partial to Partial Inductance 1!.pdf                           | 226  |
| 18874 | 24/07/15 | I'm Partial to Partial Inductance 2!.pdf                           | 240  |
| 18875 | 21/10/15 | Inductance Evaluations in Nonorthogonal PEEC Systems.pdf           | 421  |
| 18876 | 28/06/14 | Interpolation Strategy for PEEC Fast Frequency Sweep.pdf           | 221  |
| 18877 | 28/11/11 | Introduction to the PEEC Technique 2.pdf                           | 433  |
| 18878 | 28/02/11 | Introduction to the PEEC Technique.pdf                             | 490  |
| 18879 | 12/10/09 | Laguerre Equivalent Circuit (SLeEC).pdf                            | 387  |
| 18880 | 28/02/09 | Lightning Coupling to Coaxial Cables.pdf                           | 380  |
| 18881 | 09/02/11 | Model Order Reduction with Passivity.pdf                           | 300  |
| 18882 | 20/02/02 | MoM vs PEEC-2.pdf  | 74   |
| 18883 | 13/02/02 | MoM vs PEEC-PCB with long wires.pdf                                | 491  |
| 18884 | 14/10/11 | Order Reduction of delayed PEEC systems.pdf                        | 183  |
| 18885 | 03/09/08 | Partial Element Equivalent Circuit (PEEC) Technique.pdf            | 1372 |
| 18886 | 21/08/15 | Partial Self-Inductance at DC and at HF.pdf                        | 326  |
| 18887 | 03/01/11 | Passive Parameterized Model Order.pdf                              | 385  |
| 18888 | 31/12/06 | PEEC & Linear Magnetic Materials.pdf                               | 237  |
| 18889 | 07/03/04 | PEEC accuracy on EMI problems.pdf                                  | 230  |
| 18890 | 15/02/02 | PEEC and GA.PDF  | 148  |
| 18891 | 13/11/04 | PEEC Current Distribution on Wires.pdf                             | 96   |
| 18892 | 23/06/03 | PEEC fast multipole method.pdf                                     | 252  |
| 18893 | 25/11/07 | PEEC Ground-Plane EMI Decoupling.pdf                               | 323  |
| 18894 | 15/12/06 | PEEC Improved Time Domain Stability .pdf                           | 331  |
| 18895 | 21/03/04 | PEEC interconnexions irrégulières.pdf                              | 109  |
| 18896 | 16/04/15 | PEEC Interpretation of Radiation and Transfer Characterization.pdf | 206  |
| 18897 | 12/01/08 | PEEC Method Parallel Implementations.pdf                           | 257  |

|       |          |   |      |
|-------|----------|---|------|
| 18898 | 12/01/08 | PEEC Method.pdf                                       | 859  |
| 18899 | 01/01/07 | PEEC Modeling of Antennas.pdf                         | 244  |
| 18900 | 30/11/11 | PEEC Models With Large Delays.pdf                     | 266  |
| 18901 | 19/12/14 | PEEC Sparse Reluctance & Capacitance-Based Solver.pdf | 497  |
| 18902 | 16/05/14 | PEEC Through Multiscale Compressed Decomposition.pdf  | 700  |
| 18903 | 19/02/02 | PEEC vs CM current.pdf                                | 87   |
| 18904 | 20/02/02 | PEEC vs FDTD Delay Line.pdf                           | 77   |
| 18905 | 13/02/02 | PEEC vs PWTB for PCB.pdf                              | 190  |
| 18906 | 12/01/08 | PEEC Waveform Relaxation.pdf                          | 131  |
| 18907 | 31/12/14 | PEEC-Based Simulations for Power Applications.pdf     | 327  |
| 18908 | 08/10/12 | Rank-Reduced Waveform Relaxation.pdf                  | 1339 |
| 18909 | 22/12/07 | Razor Blade in PEEC Method.pdf                        | 185  |
| 18910 | 24/09/13 | Recent Progress of (PEEC) Techniques.pdf              | 367  |
| 18911 | 30/06/09 | Rectangular Cross Section Inductance.pdf              | 156  |
| 18912 | 31/08/07 | Retarded PEEC (rPEEC) Method.pdf                      | 268  |
| 18913 | 14/10/11 | Skin-effect Model for PEEC Solver.pdf                 | 166  |
| 18914 | 01/09/07 | Stability of Full-Wave PEEC Model.pdf                 | 304  |
| 18915 | 31/08/07 | Stability of full-wave PEEC models.pdf                | 150  |
| 18916 | 31/08/07 | Stable & Effective Full-Wave Models.pdf               | 252  |
| 18917 | 11/09/05 | Stable time domain PEEC solution.pdf                  | 286  |
| 18918 | 21/08/15 | Transfer Characterization Based on PEEC Method.pdf    | 552  |
| 18919 | 27/10/08 | Waveform Relaxation Algorithm for PEEC.pdf            | 171  |

18920

18921

## Perturbations & brouillages

18922

|       |          |  |      |
|-------|----------|--|------|
| 18923 | 09/09/05 | 2.4GHz Wireless LAN & Microwave Oven.pdf           | 142  |
| 18924 | 05/09/05 | 2005 Intentional EMI.pdf                           | 37   |
| 18925 | 12/01/10 | 3-Phase Induction Machines Radiation.pdf           | 303  |
| 18926 | 13/12/06 | 802.11a transmitters & Safety Band.pdf             | 269  |
| 18927 | 19/03/06 | 802.16.2-2001 Wireless Coexistence.pdf             | 933  |
| 18928 | 12/03/09 | Abaques du bruit atmosphérique.pdf                 | 1287 |
| 18929 | 06/03/04 | AC Mains Port Noise.pdf                            | 557  |
| 18930 | 13/01/14 | Adaptive Interference Cancellation System.pdf      | 449  |
| 18931 | 19/12/14 | Adaptive Threshold Blanker for Impulsive Noise.pdf | 273  |
| 18932 | 17/11/12 | AECTP-250-2_11 EM Environment.pdf                  | 830  |

|       |          |   |      |
|-------|----------|---|------|
| 18933 | 16/12/06 | Alpha-Stable Noise Environment.pdf                        | 1473 |
| 18934 | 20/02/02 | Ambient effects.pdf                                       | 118  |
| 18935 | 14/09/06 | Amplitude probability distribution.pdf                    | 336  |
| 18936 | 17/12/08 | Amplitude-probability distributions.pdf                   | 731  |
| 18937 | 05/03/13 | Analysis of RFI from SMOS Measurements.pdf                | 1692 |
| 18938 | 09/01/08 | APD & Wireless Auto-Jamming.pdf                           | 496  |
| 18939 | 18/12/06 | APD appendix.pdf  | 227  |
| 18940 | 23/12/11 | APD for Atmospheric Radio Noise.pdf                       | 3179 |
| 18941 | 23/12/11 | APD Measurement for RFI in Steel Mill.pdf                 | 160  |
| 18942 | 31/12/14 | APD Measurement of Transient Interferences.pdf            | 333  |
| 18943 | 18/12/06 | APD Results.pdf   | 128  |
| 18944 | 29/03/10 | APD to Protect Digital Radio.pdf                          | 364  |
| 18945 | 18/12/06 | APD versus Vd.pdf   | 2432 |
| 18946 | 18/12/06 | Atmospheric Noise APD.pdf                                 | 2910 |
| 18947 | 26/02/04 | Audio system EMC.pdf                                      | 255  |
| 18948 | 09/09/05 | Automobile Radio & EM Environments.pdf                    | 270  |
| 18949 | 07/10/12 | Baseband Demodulated Man-Made Noise.pdf                   | 150  |
| 18950 | 10/06/03 | BBC002-DTT planning.pdf                                   | 136  |
| 18951 | 10/06/03 | BBC004-Cumulative interferers.pdf                         | 229  |
| 18952 | 09/06/03 | BBC012-AM broadcasting.pdf                                | 91   |
| 18953 | 10/06/03 | BBC013-HF Emission limits.pdf                             | 106  |
| 18954 | 28/07/07 | BBC055-Standarts protection.pdf                           | 298  |
| 18955 | 28/07/07 | BBC063-Radio protection.pdf                               | 805  |
| 18956 | 02/03/09 | Bridge Disturbances in 100-kHz Band.pdf                   | 154  |
| 18957 | 10/09/05 | Broad Band over Power Line Emissions.pdf                  | 133  |
| 18958 | 15/12/06 | Broadband Multicarrier Channel & Networks.pdf             | 167  |
| 18959 | 28/11/11 | Bruit et photodétection.pdf                               | 396  |
| 18960 | 30/06/07 | CERN Disturbancies.pdf                                    | 54   |
| 18961 | 19/11/13 | Classification of Transient EM Noises for GSM-R.pdf       | 410  |
| 18962 | 01/03/09 | Classifying Facilities to Intentional EMI.pdf             | 427  |
| 18963 | 27/08/08 | CMOS low-noise current preamplifier.pdf                   | 170  |
| 18964 | 25/02/04 | Co-channel interference.pdf                               | 125  |
| 18965 | 22/02/11 | Coexistence of UWB with IEEE802.11n.pdf                   | 150  |
| 18966 | 20/01/06 | Combined EMI.pdf  | 339  |
| 18967 | 19/06/15 | Corona Discharges for Wireless Channels in Substation.pdf | 567  |

|       |          |   |      |
|-------|----------|---|------|
| 18968 | 12/11/04 | Corona on HV Transmission Lines.pdf                                 | 126  |
| 18969 | 09/01/08 | Corona Onset Voltage at HF.pdf                                      | 111  |
| 18970 | 19/08/09 | Cosite Interference Analysis.pdf                                    | 337  |
| 18971 | 07/03/04 | Cumulative Effects.pdf  | 508  |
| 18972 | 23/01/07 | Cutting Through TV Interference.pdf                                 | 716  |
| 18973 | 01/01/07 | Daily Radio Ambient Noise.pdf                                       | 102  |
| 18974 | 07/10/12 | Detecting Wideband Man-Made Noise.pdf                               | 136  |
| 18975 | 02/11/07 | Digital Radio Receiver Performance.pdf                              | 219  |
| 18976 | 23/12/11 | Drawing APD's for Atmospheric Radio Noise.pdf                       | 1301 |
| 18977 | 09/09/05 | E <sup>3</sup> Technical Performance Measures.pdf                   | 119  |
| 18978 | 06/09/11 | Effect on Digital TV of Disturbances.pdf                            | 296  |
| 18979 | 15/12/06 | Effects of skew on EMI for HDMI.pdf                                 | 362  |
| 18980 | 24/10/14 | Electromagnetic Waves from TNT Explosions.pdf                       | 854  |
| 18981 | 23/10/11 | ELF Q-burst by extragalactic gamma ray burst.pdf                    | 302  |
| 18982 | 19/08/09 | EM Characterization of the 2.4 GHz Band.pdf                         | 993  |
| 18983 | 09/06/03 | EM noise monitoring.pdf   | 160  |
| 18984 | 15/08/06 | EMC of Radio-based Mobile.pdf                                       | 661  |
| 18985 | 20/08/09 | EMI Disruptive Effect on Wireless Communication.pdf                 | 121  |
| 18986 | 08/02/16 | Energetic electron precipitation in low ionosphere using VLF-LF.pdf | 485  |
| 18987 | 10/10/11 | Events Recording in a Power System.pdf                              | 355  |
| 18988 | 15/04/07 | FAA Intereferce Locating.pdf  | 91   |
| 18989 | 15/01/07 | FCC Interference Handbook 1993.pdf                                  | 3806 |
| 18990 | 23/01/07 | FM Blanketing Interference.pdf                                      | 767  |
| 18991 | 30/08/07 | FM Harmonic Noises From PCs.pdf                                     | 232  |
| 18992 | 01/03/09 | Free-Space BW Low-Directivity Antennas.pdf                          | 364  |
| 18993 | 23/01/07 | G4 Amateur Radio Practices.pdf                                      | 1907 |
| 18994 | 14/10/11 | Geomagnetic Storms on US HV Power Grid.pdf                          | 699  |
| 18995 | 05/03/04 | Glass Insulator Noise.pdf   | 43   |
| 18996 | 16/02/08 | Ham's Guide to RFI.pdf  | 1980 |
| 18997 | 09/06/03 | HF ambient noise.pdf  | 191  |
| 18998 | 11/09/05 | High power copper vapor laser EMI.pdf                               | 188  |
| 18999 | 12/11/04 | HV Gas Insulated Substation.pdf                                     | 229  |
| 19000 | 08/06/03 | ICEPAC.pdf  | 400  |
| 19001 | 13/12/06 | IEEE 1900.2 Harmful Interference.pdf                                | 271  |
| 19002 | 02/09/08 | Impact of RFI on WLAN - WWAN.pdf                                    | 392  |

|       |          |   |      |
|-------|----------|---|------|
| 19003 | 05/09/07 | Impact of UWB Transmission Systems.pdf                  | 187  |
| 19004 | 21/08/09 | Impulsive Noise & APD Determination.pdf                 | 82   |
| 19005 | 24/11/07 | Impulsive Noise in Broad-Band PLC.pdf                   | 326  |
| 19006 | 08/01/08 | In-band Intermodulation on DSSS.pdf                     | 132  |
| 19007 | 01/03/11 | Industrial Amplitude Probability Distribution (APD).pdf | 558  |
| 19008 | 06/09/11 | Industrial Environment Characterization.pdf             | 256  |
| 19009 | 14/10/13 | Industrial interference and radio astronomy.pdf         | 394  |
| 19010 | 16/06/07 | Interference & 802.11B Equipment.pdf                    | 77   |
| 19011 | 15/02/11 | Interference between a passive RFID & a GSM.pdf         | 159  |
| 19012 | 07/10/08 | Interference in Cosite Equipments.pdf                   | 273  |
| 19013 | 23/01/07 | Interference in Mobile Networks.pdf                     | 121  |
| 19014 | 11/07/12 | Interference Noise by Computing Platforms.pdf           | 438  |
| 19015 | 06/11/08 | Interference Protection Criteria 1.pdf                  | 409  |
| 19016 | 17/12/06 | Interference Simulation & Modeling.pdf                  | 581  |
| 19017 | 21/08/09 | Intermodulation Products by Adjacent Channel.pdf        | 104  |
| 19018 | 09/12/13 | Introduction au bruit radioélectrique.pdf               | 517  |
| 19019 | 31/08/07 | Length & Rate of Random Fields.pdf                      | 72   |
| 19020 | 09/09/05 | Lighting EMI - An Increasing Threat.pdf                 | 142  |
| 19021 | 18/12/06 | Linear Models of Nonlinear Systems.pdf                  | 2761 |
| 19022 | 10/04/15 | Living with a Complex EM Environment.pdf                | 2330 |
| 19023 | 27/08/07 | Magnetron Emission Characteristics.pdf                  | 1974 |
| 19024 | 03/05/10 | Man Made Noise Floor Levels & Broadcasting.pdf          | 549  |
| 19025 | 08/10/10 | Man-Made Noise & Digital radio.pdf                      | 125  |
| 19026 | 23/12/11 | Man-made Noise at 137 MHz.pdf                           | 358  |
| 19027 | 15/02/16 | Man-Made Noise Measurement.pdf                          | 4242 |
| 19028 | 09/06/03 | Man-Made Noise.pdf                                      | 439  |
| 19029 | 07/12/10 | Man-Made Spectrum Noise Floor.pdf                       | 8658 |
| 19030 | 28/10/07 | Measurement of Noise Statistics.pdf                     | 223  |
| 19031 | 28/11/10 | Meteor count rates & cosmic radio noise.pdf             | 86   |
| 19032 | 20/08/09 | Microburst Caused by AIS Disconnect Switch.pdf          | 319  |
| 19033 | 21/03/04 | Micro-Ondes de forte puissance.pdf                      | 50   |
| 19034 | 20/12/04 | Microwave Oven Leakage Field.pdf                        | 516  |
| 19035 | 05/11/07 | Model of Man-made HF Noise.pdf                          | 882  |
| 19036 | 16/04/15 | Modeling atmospheric turbulence and noise.pdf           | 128  |
| 19037 | 05/06/11 | Modulated Monofractal Noise.pdf                         | 372  |



|       |          |   |      |
|-------|----------|---|------|
| 19038 | 18/12/04 | Moving rail vehicles radiations.pdf                 | 246  |
| 19039 | 18/08/12 | Multi beam observations of cosmic radio noise.pdf   | 3219 |
| 19040 | 09/01/08 | Multichannel APD Measuring Receiver.pdf             | 213  |
| 19041 | 04/03/13 | Multi-frequency APD Measurement System.pdf          | 152  |
| 19042 | 19/04/12 | Natural ELF-VLF atmospheric noise statistics.pdf    | 287  |
| 19043 | 17/09/06 | NBSIR 74-378 EM Noise in Mines.pdf                  | 1700 |
| 19044 | 19/01/09 | Noise and Interference Measurements.pdf             | 270  |
| 19045 | 01/02/10 | Noise and Interference.pdf                          | 384  |
| 19046 | 05/03/04 | Noise in H Field Emission.pdf                       | 260  |
| 19047 | 17/12/06 | Noise in Personal Communications.pdf                | 2368 |
| 19048 | 16/12/06 | Non-Gaussian Stochastic Time Series.pdf             | 4394 |
| 19049 | 28/01/07 | Nonlinearity of a MMIC RF Amplifier.pdf             | 2167 |
| 19050 | 04/12/07 | Notebook Wireless Systems.pdf                       | 2472 |
| 19051 | 07/12/11 | NTIA 85-173 Atmospheric Radio Noise.pdf             | 5894 |
| 19052 | 23/12/11 | NTIA R98-355 VHF Man-Made Noise.PDF                 | 1895 |
| 19053 | 09/09/07 | NTIA02-390 VHF-UHF Man-Made Noise.pdf               | 416  |
| 19054 | 21/03/09 | Optimum reception in Impulse Noise.pdf              | 5209 |
| 19055 | 01/12/04 | Plasma display radiation.pdf                        | 240  |
| 19056 | 18/11/04 | PLC Activities in Europe.pdf                        | 198  |
| 19057 | 18/11/04 | PLT Activities in Europe.pdf                        | 185  |
| 19058 | 09/09/05 | Possible Effects of SSC Interference.pdf            | 155  |
| 19059 | 21/05/02 | Potential Railways EMI.pdf                          | 596  |
| 19060 | 08/09/05 | Power On-Off Noise on AC-mains.pdf                  | 164  |
| 19061 | 01/03/11 | Primer on the Electromagnetic Environment (EME).pdf | 379  |
| 19062 | 12/10/10 | Propagation in the LF-Band.pdf                      | 39   |
| 19063 | 12/10/10 | R P372-8 Combination of Radio noise.pdf             | 68   |
| 19064 | 12/10/10 | R P530-10 Terrestrial line-of-sight.pdf             | 326  |
| 19065 | 13/12/06 | Radiated Platform RFI on WLAN.pdf                   | 150  |
| 19066 | 13/12/06 | Radio Frequency Interference 06.pdf                 | 216  |
| 19067 | 04/12/07 | Radio Frequency Interference 07.pdf                 | 254  |
| 19068 | 02/09/08 | Radio Frequency Interference.pdf                    | 926  |
| 19069 | 13/03/09 | Radio Noise Amplitude-Probability.pdf               | 208  |
| 19070 | 12/12/08 | Radio Noise Levels.pdf                              | 2253 |
| 19071 | 01/11/08 | Radio Site Engineering.pdf                          | 849  |
| 19072 | 14/06/08 | Radio Systems in Fireground Noise.pdf               | 1464 |

|       |          |   |      |
|-------|----------|---|------|
| 19073 | 05/03/13 | Radiometry and Remote Sensing of the Environment.pdf  | 156  |
| 19074 | 03/09/07 | Randomly Distributed Mobile Phones.pdf                | 139  |
| 19075 | 11/05/03 | Rapport Toulouse.pdf                                  | 117  |
| 19076 | 19/12/04 | Reducing Self Interference.pdf                        | 157  |
| 19077 | 13/03/09 | Required Signal-to-Noise Ratios.pdf                   | 1551 |
| 19078 | 26/03/07 | RF & Interference and Antenna Sites.pdf               | 165  |
| 19079 | 11/07/12 | RF EM Characterization in Factory Infrastructures.pdf | 384  |
| 19080 | 05/03/13 | RF EM measurements in rural environment.pdf           | 260  |
| 19081 | 12/12/08 | RF Noise Amplitude-Probability Distrib.pdf            | 4148 |
| 19082 | 26/09/10 | RF Noise From a Linac Modulator.pdf                   | 347  |
| 19083 | 19/10/06 | RF Security Threat Mitigation.pdf                     | 1661 |
| 19084 | 19/08/09 | Rotary Slide Contacts and Noise Waveforms.pdf         | 575  |
| 19085 | 09/06/03 | RSGB noise limits.pdf                                 | 44   |
| 19086 | 17/06/06 | Small Equipment Radiation.pdf                         | 404  |
| 19087 | 13/03/09 | Solar Cycle Minimum & Maximum.pdf                     | 1203 |
| 19088 | 04/10/11 | Solar Radio Burst Effects on Wireless.pdf             | 230  |
| 19089 | 24/09/13 | Spectrum Occupancy Results.pdf                        | 1113 |
| 19090 | 03/09/07 | Statistical Functions of Impulsive Noise.pdf          | 220  |
| 19091 | 04/03/13 | Study of EQLs in Lima 2007 earthquake.pdf             | 86   |
| 19092 | 11/09/05 | Substation Disconnect Operation.pdf                   | 177  |
| 19093 | 16/02/02 | Substation environment.pdf                            | 186  |
| 19094 | 23/12/11 | Time Domain Atmospheric Noise Level.pdf               | 181  |
| 19095 | 14/09/06 | Time Domain Atmospheric Noise.pdf                     | 181  |
| 19096 | 08/09/05 | Transients in Substations.pdf                         | 395  |
| 19097 | 16/01/07 | TV & Radio Interference.pdf                           | 464  |
| 19098 | 01/11/07 | UHF Impulsive Noise Measurements.pdf                  | 370  |
| 19099 | 08/01/08 | Ultra Wideband EMI to Receivers.pdf                   | 116  |
| 19100 | 14/11/04 | Ultrawideband Cumulative Effects.pdf                  | 501  |
| 19101 | 30/06/09 | UWB Radio and NB LAN Coexistence P1.pdf               | 520  |
| 19102 | 30/06/09 | UWB Radio and NB LAN Coexistence.pdf                  | 411  |
| 19103 | 20/03/09 | Vehicular spark ignition systems.pdf                  | 123  |
| 19104 | 31/08/07 | VFTOs in Gas-Insulated Substation.pdf                 | 228  |
| 19105 | 13/03/08 | VHF & UHF Man-Made Noise.pdf                          | 416  |
| 19106 | 26/03/10 | VLf NATURAL NOISE FLOOR.pdf                           | 480  |
| 19107 | 01/03/13 | vol09_art02.pdf                                       | 2185 |

|       |          |  |      |
|-------|----------|--|------|
| 19108 | 05/11/07 | Wideband HF Atmospheric Noise.pdf            | 158  |
| 19109 | 06/09/05 | Wideband Impulsive EM Noise.pdf              | 103  |
| 19110 | 10/02/09 | Wideband man-made HF noise-.pdf              | 899  |
| 19111 | 20/12/04 | Wireless LAN Signal & SSC.pdf                | 417  |
| 19112 | 05/04/08 | Wireless Link Statistical BER Model.pdf      | 426  |
| 19113 | 23/12/07 | Wireless Network in Electric Substations.pdf | 171  |
| 19114 | 16/11/05 | York Cumulative Effects.pdf                  | 1451 |

19115

19116

## Physique et technologies

19117

19118

### Physique et technologies\Acoustique et piézoélectricité

|       |          |  |      |
|-------|----------|--|------|
| 19119 | 04/10/11 | 45ø Rotated Photonic Crystal Fence.pdf                             | 857  |
| 19120 | 12/08/12 | Acoustique - Equations générales.pdf                               | 181  |
| 19121 | 12/08/12 | Acoustique - Propagation dans un fluide.pdf                        | 256  |
| 19122 | 12/08/12 | Acoustique - Propagation dans un solide.pdf                        | 257  |
| 19123 | 06/12/13 | Acoustique industrielle.pdf  | 1497 |
| 19124 | 16/08/12 | Acousto-optique.pdf  | 329  |
| 19125 | 10/06/03 | BBC005-Acoustic modelling.pdf                                      | 113  |
| 19126 | 16/09/03 | BBC021-Acoustic specification.pdf                                  | 212  |
| 19127 | 06/04/12 | BBC221-Ambiosonics.pdf   | 397  |
| 19128 | 16/12/13 | BBC276 Headphones and Localisation.pdf                             | 448  |
| 19129 | 12/02/16 | BBC290 Adaptive, Personalised Audio Compression.pdf                | 260  |
| 19130 | 26/09/14 | Capacitors for Reduced Microphonics and Sound Emissions.pdf        | 140  |
| 19131 | 12/03/04 | Capacitors Microphonic Effect.pdf                                  | 1443 |
| 19132 | 16/08/12 | Composants piézo-électriques.pdf                                   | 216  |
| 19133 | 16/08/12 | Dispositifs acousto-électroniques.pdf                              | 285  |
| 19134 | 16/08/12 | Filtres ... ondes de surface.pdf                                   | 404  |
| 19135 | 08/12/13 | Perception de l'intensité, de la hauteur et du timbre des sons.pdf | 119  |
| 19136 | 12/08/12 | Phénomènes de transport.pdf  | 974  |
| 19137 | 16/08/12 | Propag et génération d'ondes élastiques.pdf                        | 370  |
| 19138 | 08/12/13 | Propagation des ondes acoustiques.pdf                              | 326  |
| 19139 | 08/12/13 | Rayonnement des ondes acoustiques.pdf                              | 203  |
| 19140 | 16/08/12 | Ultrasons.pdf  | 646  |
| 19141 | 06/12/13 | Vibrations des structures industrielles.pdf                        | 1480 |

19142

### Physique et technologies\Analyses et caractérisations\Analyse des molécules biologiques et applications

|       |   |   |      |
|-------|---|---|------|
| 19143 | 13/08/12  | Analyse de glucides & glycoprotéines.pdf            | 210  |
| 19144 | 13/08/12  | Electrospray.pdf                                    | 112  |
| 19145 | 13/08/12  | Méthodes analytiques immunologiques.pdf             | 281  |
| 19146 | 13/08/12  | Sources d'information en chimie analytique.pdf      | 374  |
| 19147 | <b>Physique et technologies\Analyses et caractérisations\Analyse et caractérisation de matériaux</b>    |   |      |
| 19148 | 13/08/12  | Analyse de l'uranium et transuraniens.pdf           | 250  |
| 19149 | 13/08/12  | Analyse des matériaux de construction.pdf           | 283  |
| 19150 | 13/08/12  | Analyse physico-chimique des polymères.pdf          | 280  |
| 19151 | 13/08/12  | Analyse thermique des polymères.pdf                 | 156  |
| 19152 | 13/08/12  | Analyses isotopiques - Applications.pdf             | 265  |
| 19153 | 13/08/12  | Caractérisation des polymères par CG+SM.pdf         | 122  |
| 19154 | 13/08/12  | Caractérisation des polymères par RMN.pdf           | 252  |
| 19155 | 13/08/12  | Caractérisation des polymères par SO.pdf            | 246  |
| 19156 | 13/08/12  | Diffusion de neutrons aux petits angles.pdf         | 230  |
| 19157 | 13/08/12  | Etude des polymères par RPE.pdf                     | 134  |
| 19158 | <b>Physique et technologies\Analyses et caractérisations\Analyses dans l'environnement</b>              |   |      |
| 19159 | 13/08/12  | Analyse des eaux résiduaires.pdf                    | 315  |
| 19160 | 13/08/12  | Analyse d'ultratracés d'éléments.pdf                | 161  |
| 19161 | 13/08/12  | Contrôle des eaux douces - Bibliographie.pdf        | 128  |
| 19162 | 13/08/12  | Contrôle des eaux douces.pdf                        | 260  |
| 19163 | 13/08/12  | Couplage HPLC-ICP-MS.pdf                            | 63   |
| 19164 | 13/08/12  | Techniques de spéciation des métaux traces.pdf      | 228  |
| 19165 | <b>Physique et technologies\Analyses et caractérisations\Contrôle non destructif</b>                    |   |      |
| 19166 | 06/12/13  | Contrôle non destructif (CND).pdf                   | 1622 |
| 19167 | 06/12/13  | Le bruit Barkhausen.pdf                             | 173  |
| 19168 | 06/12/13  | Microscopie acoustique.pdf                          | 433  |
| 19169 | <b>Physique et technologies\Analyses et caractérisations\Exploitation des résultats et optimisation</b> |   |      |
| 19170 | 13/08/12  | Incertitude d'un résultat de mesure.pdf             | 246  |
| 19171 | 13/08/12  | Informatique en chimie analytique - bases.pdf       | 372  |
| 19172 | 13/08/12  | Limite de détection.pdf                             | 237  |
| 19173 | 18/11/13  | Plans d'expériences.pdf                             | 311  |
| 19174 | 13/08/12  | Vocabulaire - Erreurs et incertitudes de mesure.pdf | 96   |
| 19175 | <b>Physique et technologies\Analyses et caractérisations\Mesure de faible consommation</b>              |   |      |
| 19176 | 10/07/15  | Benchmarking Low-Power.pdf                          | 114  |
| 19177 | <b>Physique et technologies\Analyses et caractérisations\Préparation du dosage</b>                      |   |      |

|       |  |   |      |
|-------|--|---|------|
| 19178 | 13/08/12   | Echantillonnage.pdf                                       | 296  |
| 19179 | 13/08/12   | Matériaux de référence non nucléaires.pdf                 | 251  |
| 19180 | 13/08/12   | Mise en solution des matériaux avant analyse.pdf          | 172  |
| 19181 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Analyse en solution</b>                       |   |      |
| 19182 | 13/08/12   | Analyse gravimétrique.pdf                                 | 110  |
| 19183 | 13/08/12   | Complexométrie.pdf  | 100  |
| 19184 | 13/08/12   | Méthodes d'analyse quantitative - Introduction.pdf        | 131  |
| 19185 | 13/08/12   | Protométrie - Acidi-alcalimétrie.pdf                      | 174  |
| 19186 | 13/08/12   | Titrages par iodométrie.pdf                               | 111  |
| 19187 | 13/08/12   | Titrages par oxydoréduction.pdf                           | 138  |
| 19188 | 13/08/12   | Titrages par précipitations.pdf                           | 67   |
| 19189 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Analyse organique</b>                         |   |      |
| 19190 | 13/08/12   | Analyse des solvants résiduels pharmaceutiques.pdf        | 262  |
| 19191 | 13/08/12   | Analyse fonctionnelle par colorimétrie & fluorimétrie.pdf | 355  |
| 19192 | 13/08/12   | Analyse organique élémentaire.pdf                         | 178  |
| 19193 | 13/08/12   | Introduction ... la chimie analytique organique.pdf       | 101  |
| 19194 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Analyses de surface</b>                       |   |      |
| 19195 | 13/08/12   | Analyse de surface par ESCA.pdf                           | 430  |
| 19196 | 13/08/12   | Emission ionique secondaire SIMS.pdf                      | 798  |
| 19197 | 13/08/12   | Spectrométries des électrons dans solides.pdf             | 1377 |
| 19198 | 13/08/12   | Spectroscopie des électrons Auger.pdf                     | 901  |
| 19199 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Caractérisations</b>                          |   |      |
| 19200 | 13/08/12   | Balances et pesées.pdf                                    | 264  |
| 19201 | 13/08/12   | Capteurs chimiques et biochimiques.pdf                    | 537  |
| 19202 | 13/08/12   | Chimie combinatoire.pdf                                   | 219  |
| 19203 | 13/08/12   | Détermination des masses moléculaires.pdf                 | 334  |
| 19204 | 13/08/12   | Olfactométrie dans l'industrie - Mesure des odeurs.pdf    | 106  |
| 19205 | 13/08/12   | Réfractométrie et interférométrie.pdf                     | 189  |
| 19206 | 13/08/12   | Validation interne des méthodes d'analyse.pdf             | 301  |
| 19207 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Chromatographie et techniques séparatives</b> |   |      |
| 19208 | 13/08/12   | Analyse par injection en flux continu (FIA).pdf           | 193  |
| 19209 | 13/08/12   | Chromatographie en phase gazeuse.pdf                      | 575  |
| 19210 | 13/08/12   | Chromatographie en phase supercritique.pdf                | 272  |
| 19211 | 13/08/12   | Chromatographie planaire.pdf                              | 859  |
| 19212 | 13/08/12   | Couplage CG-SM-SM.pdf                                     | 166  |

|       |   |  |     |
|-------|---|--|-----|
| 19213 | 13/08/12  | Décantation - Filtration.pdf                             | 178 |
| 19214 | 13/08/12  | Dialyse.pdf  | 125 |
| 19215 | 13/08/12  | Mesure des coefficients de diffusion.pdf                 | 189 |
| 19216 | 13/08/12  | Méthodes chromatographiques - Introduction.pdf           | 96  |
| 19217 | 13/08/12  | Séparations chirales par CPL, CPS et CPG.pdf             | 410 |
| 19218 | 13/08/12  | Ultracentrifugation.pdf                                  | 444 |
| 19219 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\ tudes de structure. Granulométrie</b>       |  |     |
| 19220 | 13/08/12  | Analyse de la texture poreuse des matériaux.pdf          | 247 |
| 19221 | 13/08/12  | Analyse de solides cristallisés par diffraction X.pdf    | 335 |
| 19222 | 13/08/12  | Caractérisation de matériaux stratifiés par rayons X.pdf | 217 |
| 19223 | 13/08/12  | Cristallographie des macromolécules biologiques.pdf      | 342 |
| 19224 | 13/08/12  | Diffraction et spectrométrie des neutrons.pdf            | 158 |
| 19225 | 13/08/12  | Mesure des surfaces spécifiques.pdf                      | 325 |
| 19226 | 13/08/12  | Résolution de structure cristalline par rayons X.pdf     | 299 |
| 19227 | 13/08/12  | Structure cristalline par rayons X.pdf                   | 120 |
| 19228 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Imagerie</b>                                 |  |     |
| 19229 | 13/08/12  | Analyse d'images.pdf                                     | 504 |
| 19230 | 13/08/12  | Imagerie RMN non médicale.pdf                            | 308 |
| 19231 | 13/08/12  | Microscopie ... sonde locale.pdf                         | 773 |
| 19232 | 13/08/12  | Microscopie électronique ... balayage.pdf                | 765 |
| 19233 | 13/08/12  | Microscopie optique en champ proche.pdf                  | 421 |
| 19234 | 13/08/12  | Microscopie optique.pdf                                  | 680 |
| 19235 | 13/08/12  | Sonde atomique tridimensionnelle.pdf                     | 225 |
| 19236 | 13/08/12  | Tomographie ... rayons X.pdf                             | 675 |
| 19237 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Méthodes cinétiques en chimie analytique</b> |  |     |
| 19238 | 13/08/12  | Cinétique en chimie analytique - Instrumentation.pdf     | 222 |
| 19239 | 13/08/12  | Cinétique en chimie analytique - Principes.pdf           | 142 |
| 19240 | 13/08/12  | Méthodes catalytiques et enzymatiques.pdf                | 313 |
| 19241 | 13/08/12  | Méthodes cinétiques en chimie analytique.pdf             | 97  |
| 19242 | 13/08/12  | Méthodes non catalytiques.pdf                            | 99  |
| 19243 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Méthodes électrochimiques</b>                |  |     |
| 19244 | 13/08/12  | Coulométrie.pdf  | 357 |
| 19245 | 13/08/12  | Electrophorèse.pdf                                       | 323 |
| 19246 | 13/08/12  | Mesures d'impédances.pdf                                 | 330 |
| 19247 | 13/08/12  | Polarographie - Appareillage.pdf                         | 55  |

|       |   |  |      |
|-------|---|--|------|
| 19248 | 13/08/12  | Polarographie.pdf  | 1117 |
| 19249 | 13/08/12  | Potentiométrie - pHmétrie.pdf                            | 557  |
| 19250 | 13/08/12  | Séparations électrochimiques - Electrodialyse.pdf        | 155  |
| 19251 | 13/08/12  | Voltampérométrie - Perfectionnement.pdf                  | 342  |
| 19252 | 13/08/12  | Voltampérométrie - Transfert électronique.pdf            | 266  |
| 19253 | 13/08/12  | Voltampérométrie ... électrode solide - Introduction.pdf | 99   |
| 19254 | 13/08/12  | Voltampérométrie théorique et expérimentale.pdf          | 294  |
| 19255 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Méthodes nucléaires d'analyse</b>                      |  |      |
| 19256 | 13/08/12  | Analyse par activation - Limites de détection.pdf        | 125  |
| 19257 | 13/08/12  | Analyse par activation.pdf                               | 264  |
| 19258 | 13/08/12  | Base de données NUCLEIDE.pdf                             | 102  |
| 19259 | 13/08/12  | Détection et mesure des radiations.pdf                   | 236  |
| 19260 | 13/08/12  | Microsonde nucléaire.pdf                                 | 574  |
| 19261 | 13/08/12  | Notions de radioprotection.pdf                           | 138  |
| 19262 | 13/08/12  | Rayons X induits par particules chargées (PIXE).pdf      | 390  |
| 19263 | 13/08/12  | Spectrométrie M <sup>ssbauer</sup> .pdf                  | 386  |
| 19264 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Méthodes thermiques</b>                                |  |      |
| 19265 | 13/08/12  | Analyses thermique et calorimétrie différentielles.pdf   | 668  |
| 19266 | 13/08/12  | Mesure de frottement interne.pdf                         | 247  |
| 19267 | 13/08/12  | Microcalorimétrie.pdf                                    | 560  |
| 19268 | 13/08/12  | Thermoconductimétrie du solide.pdf                       | 280  |
| 19269 | 13/08/12  | Thermogravimétrie.pdf                                    | 439  |
| 19270 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Spectrométrie de masse et techniques associées</b>     |  |      |
| 19271 | 13/08/12  | Chromatographie + spectrométrie de masse.pdf             | 223  |
| 19272 | 13/08/12  | Spectrométrie de masse.pdf                               | 484  |
| 19273 | 13/08/12  | Techniques de piégeage d'ions.pdf                        | 194  |
| 19274 | <b>Physique et technologies\Analyses et caractérisations\Techniques d'analyses\Spectrométries des rayonnements électromagnétiques</b> |  |      |
| 19275 | 13/08/12  | Rayonnement synchrotron et applications.pdf              | 600  |
| 19276 | 13/08/12  | Spectrométrie d'absorption atomique.pdf                  | 378  |
| 19277 | 13/08/12  | Spectrométrie de résonance quadripolaire nucléaire.pdf   | 315  |
| 19278 | 13/08/12  | Spectrométrie par RPE.pdf                                | 232  |
| 19279 | 13/08/12  | Spectrométrie Raman.pdf                                  | 438  |
| 19280 | 13/08/12  | Spectroscopie d'absorption microonde.pdf                 | 172  |
| 19281 | 13/08/12  | Spectroscopie dans l'infrarouge.pdf                      | 513  |
| 19282 | 13/08/12  | Spectroscopie de décharge lumineuse.pdf                  | 260  |

|       |  |   |      |
|-------|--|---|------|
| 19283 | 13/08/12   | Techniques laser en analyse & caractérisation.pdf     | 252  |
| 19284 | 13/08/12   | Théorie des spectres atomiques.pdf                    | 287  |
| 19285 | <b>Physique et technologies\Assemblage, connectique et environnement\Assemblage et interconnection</b>                   |   |      |
| 19286 | 15/08/12   | Cartes ... puces.pdf                                  | 477  |
| 19287 | 15/08/12   | Circuits hybrides - Conception.pdf                    | 327  |
| 19288 | 15/08/12   | Circuits hybrides - Fabrication.pdf                   | 327  |
| 19289 | 15/08/12   | Circuits imprimés souples - Conception.pdf            | 190  |
| 19290 | 15/08/12   | Circuits imprimés souples - Fabrication.pdf           | 206  |
| 19291 | 15/08/12   | Conception des circuits imprimés rigides.pdf          | 151  |
| 19292 | 15/08/12   | Interconnexions.pdf                                   | 137  |
| 19293 | <b>Physique et technologies\Assemblage, connectique et environnement\Composants actifs</b>                               |   |      |
| 19294 | 15/08/12   | Amplificateurs.pdf                                    | 222  |
| 19295 | 15/08/12   | Conversions A-N et N-A.pdf                            | 1083 |
| 19296 | 15/08/12   | Diodes et transistors bipolaires discrets.pdf         | 716  |
| 19297 | 15/08/12   | Synthèse et réalisation de filtres actifs.pdf         | 633  |
| 19298 | <b>Physique et technologies\Assemblage, connectique et environnement\Conception d'électroniques</b>                      |   |      |
| 19299 | 15/08/12   | Accumulateurs portables.pdf                           | 358  |
| 19300 | 15/08/12   | Alimentation pour équipements électroniques.pdf       | 230  |
| 19301 | 15/08/12   | Dissipation thermique des systèmes électroniques.pdf  | 312  |
| 19302 | 15/08/12   | Filtrage antiparasite des circuits électroniques.pdf  | 260  |
| 19303 | 15/08/12   | La normalisation dans la conception électronique.pdf  | 315  |
| 19304 | 15/08/12   | Lignes de transmission - Application.pdf              | 356  |
| 19305 | 15/08/12   | Lignes de transmission - Propagation.pdf              | 233  |
| 19306 | <b>Physique et technologies\Assemblage, connectique et environnement\Eléments d'électronique analogique et numérique</b> |   |      |
| 19307 | 15/08/12   | Composants logiques - Fondements.pdf                  | 935  |
| 19308 | 15/08/12   | Filtres numériques - Synthèse.pdf                     | 385  |
| 19309 | 15/08/12   | Fonctions de transfert des filtres électriques.pdf    | 1394 |
| 19310 | 15/08/12   | Signaux déterministes - Transformées et abaques.pdf   | 1153 |
| 19311 | 15/08/12   | Synthèse des filtres LC.pdf                           | 740  |
| 19312 | 15/08/12   | Théorie des circuits électriques linéaires.pdf        | 2317 |
| 19313 | <b>Physique et technologies\Assemblage, connectique et environnement\Environnement</b>                                   |   |      |
| 19314 | 15/08/12   | Contraintes climatiques et chimiques.pdf              | 131  |
| 19315 | 15/08/12   | Essais d'environnement des composants & matériels.pdf | 418  |
| 19316 | 15/08/12   | Protection climatique - Revêtements.pdf               | 180  |
| 19317 | 15/08/12   | Protection des matériels - vibrations et chocs.pdf    | 280  |



|       |   |  |      |
|-------|---|--|------|
| 19318 | 15/08/12  | Tenue des circuits aux radiations ionisantes.pdf     | 308  |
| 19319 | <b>Physique et technologies\Assemblage, connectique et environnement\Optique</b>            |  |      |
| 19320 | 15/08/12  | Connectique optique.pdf                              | 640  |
| 19321 | 15/08/12  | Interconnexions optiques.pdf                         | 783  |
| 19322 | 15/08/12  | Propriétés optiques des terres rares.pdf             | 198  |
| 19323 | 15/08/12  | Solitons dans les fibres optiques.pdf                | 292  |
| 19324 | <b>Physique et technologies\Band-gap Structures (EBG) &amp; Frequency Selective Surface</b> |  |      |
| 19325 | 17/10/11  | 10Gbit-s Optical Transceiver using EBG structure.pdf | 390  |
| 19326 | 04/10/11  | 60 GHz Bandwidth-Enhanced EBG Structure.pdf          | 1172 |
| 19327 | 24/09/13  | 8 GHz EBG Based Common Mode Filter.pdf               | 525  |
| 19328 | 11/07/12  | A Compact and Wideband EBG Structure.pdf             | 505  |
| 19329 | 01/03/13  | A Tunable EBG Absorber for RF Power Imaging.pdf      | 111  |
| 19330 | 01/03/13  | Absorptive Frequency Selective Radome.pdf            | 341  |
| 19331 | 12/09/10  | AFIT-GE-ENG-08-08 HIGP.pdf                           | 3663 |
| 19332 | 20/08/09  | Artificial Magnetic Screens in the VHF Band.pdf      | 152  |
| 19333 | 25/05/12  | Band Gap Structure in Load Board Applications.pdf    | 1490 |
| 19334 | 20/08/15  | Bandgap Aggregation for Power Noise Suppression.pdf  | 527  |
| 19335 | 08/01/08  | Band-Gap of Via-Holed Patches.pdf                    | 156  |
| 19336 | 08/01/08  | Bandgaps with High-k Dielectrics.pdf                 | 147  |
| 19337 | 29/08/11  | Bandpass Shielding Enclosure and Antenna.pdf         | 403  |
| 19338 | 19/06/15  | Circular-Ring Miniaturized-Element Metasurface.pdf   | 523  |
| 19339 | 12/07/12  | CM Filter on Planar EM Bandgap.pdf                   | 441  |
| 19340 | 20/08/09  | CM Filtering of Planar EBG Structures.pdf            | 231  |
| 19341 | 04/10/11  | Compact Configuration of a planar EBG.pdf            | 782  |
| 19342 | 19/06/15  | Compact EBG Structure.pdf                            | 203  |
| 19343 | 30/11/11  | Compact EM Bandgap Structure in Power Plane.pdf      | 756  |
| 19344 | 19/10/15  | Compact-Defected Ground Structure Pattern.pdf        | 363  |
| 19345 | 11/10/11  | Double Layer Frequency Selective Surface.pdf         | 290  |
| 19346 | 28/10/08  | EBG Capacitors in Power-Ground Planes.pdf            | 168  |
| 19347 | 15/02/13  | EBG Structure for Power-Ground Noise Suppression.pdf | 453  |
| 19348 | 08/01/08  | EBG structure with triangle patches.pdf              | 294  |
| 19349 | 05/03/13  | EBG Structures and Antenna Applications.pdf          | 328  |
| 19350 | 08/10/12  | EBG Structures on High Permittivity Substrate.pdf    | 406  |
| 19351 | 08/01/08  | EBG Structures with High- $\epsilon$ .pdf            | 184  |
| 19352 | 08/10/12  | EBG-Based Common Mode Filter Design.pdf              | 306  |

|       |  |  |      |
|-------|--|--|------|
| 19353 | 16/04/15   | EBG-Based Common Mode Filter.pdf                             | 517  |
| 19354 | 21/10/15   | EBG-Based Common-Mode PCB Filters.pdf                        | 392  |
| 19355 | 23/12/15   | EBG-Based Common-Mode Stripline Filters.pdf                  | 620  |
| 19356 | 28/05/10   | Electromagnetic Bandgap Array Structure.pdf                  | 575  |
| 19357 | 13/01/08   | EM Bandgap Structures for EMC.pdf                            | 1820 |
| 19358 | 14/10/11   | Embedded Capacitance Material & EBG.pdf                      | 439  |
| 19359 | 31/12/14   | Embedded EBG Structure for Suppression of SSN.pdf            | 395  |
| 19360 | 20/08/09   | Embedded EM Bandgap Structure.pdf                            | 129  |
| 19361 | 16/04/15   | EMI from Patterned Ground Structures.pdf                     | 465  |
| 19362 | 13/04/15   | Frequency Selective Surfaces Applications.pdf                | 469  |
| 19363 | 25/05/12   | High-Speed PCBs Using Split-Ring Resonators.pdf              | 1043 |
| 19364 | 20/08/09   | Interconnected Patch-Ring (IPR) Structure.pdf                | 273  |
| 19365 | 17/10/11   | Leakage from Apertures using EBG Structures.pdf              | 545  |
| 19366 | 26/02/16   | L-EBG Embedded Structure for the Suppression of SSN.pdf      | 490  |
| 19367 | 22/02/11   | Limits for Planar EM Bandgap Structures.pdf                  | 342  |
| 19368 | 10/01/11   | Meshed-Planar EM Bandgap (MP-EBG).pdf                        | 138  |
| 19369 | 04/10/11   | Modeling of Partial EBG Power Bus.pdf                        | 393  |
| 19370 | 16/10/14   | Multilayer 1-D EBG Structure for Power Noise Suppression.pdf | 816  |
| 19371 | 16/10/14   | Open-Stub Electromagnetic Bandgap.pdf                        | 515  |
| 19372 | 07/10/12   | Planar and Bulk Resonant Periodic Screens.pdf                | 942  |
| 19373 | 22/02/11   | Planar Electromagnetic Band-gap Structures.pdf               | 240  |
| 19374 | 13/01/08   | Planar EM Bandgap (EBG) Structures.pdf                       | 1417 |
| 19375 | 05/06/11   | Planar EM Bandgap Structures on PCB.pdf                      | 782  |
| 19376 | 22/02/11   | RE from Planar EM Bandgap (EBG) Structures.pdf               | 278  |
| 19377 | 21/08/15   | Removable EBG-Based Common-Mode Filter.pdf                   | 1092 |
| 19378 | 30/03/10   | Spiral Inductor & Frequency-Selective Surface.pdf            | 393  |
| 19379 | 19/06/15   | Stopband-Enhanced Composite EBG.pdf                          | 343  |
| 19380 | 14/09/03   | Surface impedance.pdf  | 1977 |
| 19381 | 23/04/13   | Vertical Stepped Impedance EBG.pdf                           | 477  |
| 19382 | 12/01/08   | X&Ku-band Double-Stacked Bandgap.pdf                         | 414  |
| 19383 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Agitation et mélange de phases</b> |  |      |
| 19384 | 22/11/12   | Agitation-Mélange - Concepts théoriques.pdf                  | 309  |
| 19385 | 22/11/12   | Agitation-Mélange - Mobiles d'agitation.pdf                  | 320  |
| 19386 | 22/11/12   | Mélange des milieux pâteux complexes.pdf                     | 243  |
| 19387 | 22/11/12   | Mélange des milieux pâteux de rhéologie complexe.pdf         | 230  |

|       |  |  |      |
|-------|--|--|------|
| 19388 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Batteries d'accumulateurs</b>              |  |      |
| 19389 | 23/01/16   | Accumulateur lithium-ion - Wikipédia.pdf                   | 230  |
| 19390 | 22/01/16   | Batteries stationnaires plomb ouvert.pdf                   | 304  |
| 19391 | 03/02/16   | Cours batteries rechargeables.pdf                          | 132  |
| 19392 | 21/01/16   | Flaming Lithium-Ion Battery Problem.pdf                    | 44   |
| 19393 | 22/01/16   | Lithium-ion battery self-heats at low temperatures.pdf     | 249  |
| 19394 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Biotechnologies</b>                        |  |      |
| 19395 | 22/11/12   | Fermentations - Principales applications industrielles.pdf | 80   |
| 19396 | 22/11/12   | Fermentations - Propriétés des microorganismes.pdf         | 237  |
| 19397 | 22/11/12   | Fermenteurs industriels - Conception et réalisation.pdf    | 182  |
| 19398 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Catalyse</b>                               |  |      |
| 19399 | 22/11/12   | Catalyse - Avant-propos.pdf                                | 38   |
| 19400 | 22/11/12   | Catalyse acido-basique.pdf                                 | 707  |
| 19401 | 22/11/12   | Catalyse aux interfaces liquide-liquide.pdf                | 433  |
| 19402 | 22/11/12   | Catalyse de coordination.pdf                               | 628  |
| 19403 | 22/11/12   | Catalyse de polymérisation.pdf                             | 206  |
| 19404 | 22/11/12   | Catalyse enzymatique.pdf                                   | 251  |
| 19405 | 22/11/12   | Catalyse hétérogène.pdf                                    | 772  |
| 19406 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Cinétique et thermodynamique chimiques</b> |  |      |
| 19407 | 22/11/12   | Cinétique chimique générale - Cinétique expérimentale.pdf  | 588  |
| 19408 | 22/11/12   | Cinétique chimique générale - Modélisation.pdf             | 473  |
| 19409 | 22/11/12   | Logiciel de calcul ProPhy Plus.pdf                         | 145  |
| 19410 | 23/11/12   | Transferts de chaleur.pdf                                  | 219  |
| 19411 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Distillation - Absorption</b>              |  |      |
| 19412 | 22/11/12   | Distillation Absorption - Colonnes ... plateaux.pdf        | 1143 |
| 19413 | 22/11/12   | Distillation Absorption - Colonnes de fractionnement.pdf   | 98   |
| 19414 | 22/11/12   | Distillation Absorption - Colonnes garnies.pdf             | 571  |
| 19415 | 22/11/12   | Distillation Absorption - Colonnes pilotes.pdf             | 200  |
| 19416 | 22/11/12   | Distillation Absorption - Contrôle et régulation.pdf       | 223  |
| 19417 | 22/11/12   | Distillation Absorption - Etude pratique.pdf               | 230  |
| 19418 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Extractions et transfert de matière</b>    |  |      |
| 19419 | 23/11/12   | Absorption avec réaction chimique.pdf                      | 443  |
| 19420 | 22/11/12   | Echange d'ions - Principes de base.pdf                     | 214  |
| 19421 | 22/11/12   | Echange d'ions - Technologies.pdf                          | 248  |
| 19422 | 22/11/12   | Electrophorèse préparative.pdf                             | 186  |

|       |   |   |      |
|-------|---|---|------|
| 19423 | 22/11/12  | Extraction liquide-liquide - Physico-chimie des procédés.pdf    | 246  |
| 19424 | 22/11/12  | Extraction liquide-liquide - Présentation générale.pdf          | 192  |
| 19425 | 22/11/12  | Extraction liquide-liquide - Procédé - Réactifs industriels.pdf | 115  |
| 19426 | 22/11/12  | Extraction par fluide supercritique.pdf                         | 192  |
| 19427 | 22/11/12  | Extraction solide-liquide - Aspects théoriques.pdf              | 644  |
| 19428 | 22/11/12  | Extraction solide-liquide - Techniques et appareillage.pdf      | 716  |
| 19429 | 23/11/12  | Mécanique des fluides - Milieux poreux.pdf                      | 209  |
| 19430 | 23/11/12  | Transfert de matière - Distillation compartimentée.pdf          | 227  |
| 19431 | 23/11/12  | Transfert de matière - Méthodologie.pdf                         | 169  |
| 19432 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\ Electrochimie</b>                      |   |      |
| 19433 | 22/11/12  | Electrochimie - Cellules d'électrolyse.pdf                      | 249  |
| 19434 | 22/11/12  | Electrochimie - Courant-potentiel - Théorie.pdf                 | 383  |
| 19435 | 22/11/12  | Electrochimie - Electrolyse.pdf                                 | 249  |
| 19436 | 22/11/12  | Electrochimie - Lois régissant les processus.pdf                | 263  |
| 19437 | 22/11/12  | Electrochimie - Présentation générale.pdf                       | 105  |
| 19438 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\ vaporation Séchage Cristallisation</b> |   |      |
| 19439 | 22/11/12  | Cristallisation - Aspects théoriques.pdf                        | 441  |
| 19440 | 22/11/12  | Cristallisation industrielle - Aspects pratiques.pdf            | 753  |
| 19441 | 22/11/12  | Evaporation.pdf   | 560  |
| 19442 | 22/11/12  | Séchage - Appareillage et choix d'un procédé.pdf                | 2259 |
| 19443 | 22/11/12  | Séchage - Théorie et calculs.pdf                                | 513  |
| 19444 | 22/11/12  | Séchage dans l'industrie chimique.pdf                           | 485  |
| 19445 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Fiches produit</b>                      |   |      |
| 19446 | 22/11/12  | 1,2-Dibromoéthane.pdf   | 72   |
| 19447 | 22/11/12  | Acétate de vinyle.pdf   | 129  |
| 19448 | 22/11/12  | Acide acrylique.pdf   | 97   |
| 19449 | 22/11/12  | Acide citrique par fermentation.pdf                             | 151  |
| 19450 | 22/11/12  | Acide cyanhydrique.pdf  | 97   |
| 19451 | 22/11/12  | Acide fluorhydrique HF.pdf                                      | 91   |
| 19452 | 22/11/12  | Acide nitrique.pdf  | 166  |
| 19453 | 22/11/12  | Acide sulfurique.pdf  | 389  |
| 19454 | 22/11/12  | Acroléine.pdf   | 115  |
| 19455 | 22/11/12  | Acrylates.pdf   | 110  |
| 19456 | 22/11/12  | Acrylonitrile.pdf   | 105  |
| 19457 | 22/11/12  | Alkylbenzènesulfonates.pdf                                      | 109  |

|       |          |  |     |
|-------|----------|--|-----|
| 19458 | 22/11/12 | Ammoniac.pdf                               | 202 |
| 19459 | 22/11/12 | Anhydride phosphorique.pdf                 | 82  |
| 19460 | 22/11/12 | Bisphénol A ou diphénylolpropane (DPP).pdf | 88  |
| 19461 | 22/11/12 | BTX - Benzène-Toluène-Xylènes.pdf          | 62  |
| 19462 | 22/11/12 | Chlorate de potassium.pdf                  | 77  |
| 19463 | 22/11/12 | Chlorate de sodium.pdf                     | 95  |
| 19464 | 22/11/12 | Chlore - Soude.pdf                         | 522 |
| 19465 | 22/11/12 | Chlorofluoroalcanes.pdf                    | 185 |
| 19466 | 22/11/12 | Chlorure de potassium.pdf                  | 171 |
| 19467 | 22/11/12 | Chlorure de vinyle.pdf                     | 216 |
| 19468 | 22/11/12 | Chlorures de phosphore.pdf                 | 103 |
| 19469 | 22/11/12 | Cyclohexane.pdf                            | 79  |
| 19470 | 22/11/12 | Dioxyde de carbone.pdf                     | 332 |
| 19471 | 22/11/12 | Disulfure de carbone.pdf                   | 141 |
| 19472 | 22/11/12 | Ethanol de synthèse.pdf                    | 196 |
| 19473 | 22/11/12 | Ethylbenzène - Styrène.pdf                 | 325 |
| 19474 | 22/11/12 | Formaldéhyde.pdf                           | 158 |
| 19475 | 22/11/12 | Glyoxal.pdf                                | 131 |
| 19476 | 22/11/12 | Gomme xanthane.pdf                         | 106 |
| 19477 | 22/11/12 | Hydrate d'hydrazine.pdf                    | 160 |
| 19478 | 22/11/12 | Hydrogène H2.pdf                           | 104 |
| 19479 | 22/11/12 | Hydrogène par électrolyse de l'eau.pdf     | 392 |
| 19480 | 22/11/12 | Hypochlorite de sodium.pdf                 | 75  |
| 19481 | 22/11/12 | Lysine.pdf                                 | 206 |
| 19482 | 22/11/12 | Méthacrylate de méthyle.pdf                | 228 |
| 19483 | 22/11/12 | Méthionine.pdf                             | 314 |
| 19484 | 22/11/12 | Nitrobenzène C6H5NO2.pdf                   | 57  |
| 19485 | 22/11/12 | Oxychlorure de phosphore POCl3.pdf         | 124 |
| 19486 | 22/11/12 | Oxyde d'éthylène - Ethylèneglycols.pdf     | 124 |
| 19487 | 22/11/12 | Pénicilline.pdf                            | 244 |
| 19488 | 22/11/12 | Perborates de sodium.pdf                   | 132 |
| 19489 | 22/11/12 | Peroxyde d'hydrogène H2O2.pdf              | 94  |
| 19490 | 22/11/12 | Polyamide 6-6.pdf                          | 181 |
| 19491 | 22/11/12 | Polychloroprène.pdf                        | 295 |
| 19492 | 22/11/12 | Polyéthylène basse densité.pdf             | 154 |

|       |  |  |      |
|-------|--|--|------|
| 19493 | 22/11/12   | Polyéthylènes linéaires.pdf                              | 286  |
| 19494 | 22/11/12   | Polypropylènes.pdf                                       | 380  |
| 19495 | 22/11/12   | Polystyrène.pdf  | 64   |
| 19496 | 22/11/12   | PVC masse.pdf  | 82   |
| 19497 | 22/11/12   | Terres rares.pdf   | 461  |
| 19498 | 22/11/12   | Urée.pdf   | 112  |
| 19499 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Formulation chimique</b>           |  |      |
| 19500 | 22/11/12   | Emulsification - Elaboration et étude des émulsions.pdf  | 362  |
| 19501 | 22/11/12   | Formulation - Présentation générale.pdf                  | 195  |
| 19502 | 22/11/12   | Formulation des microémulsions par méthode HLD.pdf       | 252  |
| 19503 | 22/11/12   | Microencapsulation.pdf                                   | 285  |
| 19504 | 22/11/12   | Planification d'expériences en formulation-DOC.pdf       | 126  |
| 19505 | 22/11/12   | Planification en formulation - Criblage.pdf              | 195  |
| 19506 | 22/11/12   | Planification en formulation - Optimisation.pdf          | 200  |
| 19507 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Froid industriel</b>               |  |      |
| 19508 | 24/11/12   | Applications industrielles du froid - Généralités.pdf    | 183  |
| 19509 | 24/11/12   | Applications industrielles du froid - Utilisation.pdf    | 579  |
| 19510 | 24/11/12   | Conduite automatique des installations frigorifiques.pdf | 584  |
| 19511 | 24/11/12   | Cryogénie - Physiques aux basses températures.pdf        | 1412 |
| 19512 | 24/11/12   | Cryogénie.pdf  | 185  |
| 19513 | 24/11/12   | Machines frigorifiques ... compression mécanique.pdf     | 1891 |
| 19514 | 24/11/12   | Normalisation dans le domaine du froid.pdf               | 136  |
| 19515 | 24/11/12   | Production de froid - Calcul de machines.pdf             | 274  |
| 19516 | 24/11/12   | Production du froid - Technologie des machines.pdf       | 2454 |
| 19517 | 24/11/12   | Risques liés aux fluides frigorigènes naturels.pdf       | 196  |
| 19518 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Génie chimique</b>                 |  |      |
| 19519 | 22/11/12   | Conception idéale d'un problème de génie chimique.pdf    | 157  |
| 19520 | 22/11/12   | Mise en équations d'un problème de génie chimique.pdf    | 86   |
| 19521 | 22/11/12   | Modélisation en génie des procédés.pdf                   | 265  |
| 19522 | 22/11/12   | Notions de chimie quantique.pdf                          | 309  |
| 19523 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Procédés industriels en chimie</b> |  |      |
| 19524 | 22/11/12   | Alkylation des composés aromatiques.pdf                  | 357  |
| 19525 | 22/11/12   | Alkylation des oléfines par les paraffines.pdf           | 593  |
| 19526 | 22/11/12   | Carbochimie - Tableau synoptique.pdf                     | 180  |
| 19527 | 22/11/12   | Carbonylations.pdf                                       | 113  |

|       |   |  |     |
|-------|---|--|-----|
| 19528 | 22/11/12  | Chloration des métaux - carbochloration des oxydes.pdf   | 164 |
| 19529 | 22/11/12  | Chloration-oxychloration des composés aliphatiques.pdf   | 351 |
| 19530 | 22/11/12  | Chloration-oxychloration des composés aromatiques.pdf    | 120 |
| 19531 | 22/11/12  | Elaboration des schémas de procédés industriels.pdf      | 196 |
| 19532 | 22/11/12  | Electrosynthèse organique.pdf                            | 296 |
| 19533 | 22/11/12  | Estérification.pdf                                       | 119 |
| 19534 | 22/11/12  | Extraction de produits aromatiques.pdf                   | 122 |
| 19535 | 22/11/12  | Fluorations.pdf  | 108 |
| 19536 | 22/11/12  | Gazéification des résidus pétroliers - Procédé Shell.pdf | 280 |
| 19537 | 22/11/12  | Glossaire de génie chimique.pdf                          | 86  |
| 19538 | 22/11/12  | Hydratation des oléfines.pdf                             | 277 |
| 19539 | 22/11/12  | Hydrogénation des hydrocarbures.pdf                      | 325 |
| 19540 | 22/11/12  | Isomérisation des paraffines.pdf                         | 141 |
| 19541 | 22/11/12  | Nitration des composés aromatiques.pdf                   | 75  |
| 19542 | 22/11/12  | Pétrochimie - Tableau synoptique.pdf                     | 164 |
| 19543 | 22/11/12  | Polycondensation des polyesters insaturés.pdf            | 145 |
| 19544 | 22/11/12  | Polycondensation et modification des polymères.pdf       | 277 |
| 19545 | 22/11/12  | Polymérisation.pdf                                       | 336 |
| 19546 | 22/11/12  | Procédés chimiques.pdf                                   | 34  |
| 19547 | 22/11/12  | Procédés industriels - Fiches produit.pdf                | 44  |
| 19548 | 22/11/12  | Procédés papetiers - Fabrication des pâtes.pdf           | 258 |
| 19549 | 22/11/12  | Production des gaz de synthèse.pdf                       | 413 |
| 19550 | 22/11/12  | Reformage catalytique.pdf                                | 124 |
| 19551 | 22/11/12  | Saponification.pdf                                       | 201 |
| 19552 | 22/11/12  | Sulfonation et sulfatation.pdf                           | 481 |
| 19553 | 22/11/12  | Traitement des essences aromatiques.pdf                  | 381 |
| 19554 | 22/11/12  | Vapocraquage des hydrocarbures.pdf                       | 485 |
| 19555 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Protection de l'environnement</b> |  |     |
| 19556 | 22/11/12  | Bioremédiation des sols.pdf                              | 177 |
| 19557 | 22/11/12  | Dénitrification des gaz de combustion.pdf                | 268 |
| 19558 | 22/11/12  | Dépollution des rejets atmosphériques industriels.pdf    | 135 |
| 19559 | 22/11/12  | Désulfuration des fumées.pdf                             | 238 |
| 19560 | 22/11/12  | Inertage et mise en forme des déchets industriels.pdf    | 306 |
| 19561 | 22/11/12  | Inventaire des traitements d'eaux résiduaires.pdf        | 328 |
| 19562 | 22/11/12  | Techniques de réhabilitation des sites pollués.pdf       | 436 |

|       |  |   |      |
|-------|--|---|------|
| 19563 | 22/11/12   | Traitement des COV ou composés organiques volatils.pdf      | 196  |
| 19564 | 22/11/12   | Traitements biologiques des eaux résiduaires.pdf            | 349  |
| 19565 | 22/11/12   | Traitements des boues résiduaires.pdf                       | 304  |
| 19566 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Réacteurs chimiques</b>                  |   |      |
| 19567 | 22/11/12   | Calcul des réacteurs ... lits fluidisés.pdf                 | 417  |
| 19568 | 22/11/12   | Cellules d'électrolyse.pdf                                  | 748  |
| 19569 | 22/11/12   | Réacteurs catalytiques - Synthèse d'ammoniac.pdf            | 263  |
| 19570 | 22/11/12   | Réacteurs catalytiques - Synthèse d'anhydride phtalique.pdf | 430  |
| 19571 | 22/11/12   | Réacteurs chimiques - Principes.pdf                         | 1119 |
| 19572 | 22/11/12   | Réacteurs chimiques - Technologie.pdf                       | 840  |
| 19573 | 22/11/12   | Réacteurs chimiques polyphasés - Réaction-diffusion.pdf     | 199  |
| 19574 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Séparation de phases</b>                 |   |      |
| 19575 | 23/11/12   | Décantation - Aspects théoriques.pdf                        | 136  |
| 19576 | 23/11/12   | Décantation - Equipements et procédés.pdf                   | 323  |
| 19577 | 23/11/12   | Filtration - Technologie.pdf                                | 1240 |
| 19578 | 23/11/12   | Filtration en profondeur - Aspects théoriques.pdf           | 106  |
| 19579 | 23/11/12   | Filtration sur support - Aspects théoriques.pdf             | 216  |
| 19580 | 23/11/12   | Post-traitements ... la filtration.pdf                      | 199  |
| 19581 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Techniques séparatives ... membranes</b> |   |      |
| 19582 | 23/11/12   | Perméation gazeuse.pdf                                      | 645  |
| 19583 | 23/11/12   | Pervaporation.pdf   | 193  |
| 19584 | 23/11/12   | Pervaporation-DOC.pdf                                       | 89   |
| 19585 | 23/11/12   | Techniques séparatives ... membranes - Théorie.pdf          | 736  |
| 19586 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Traitement des gaz</b>                   |   |      |
| 19587 | 23/11/12   | Dépoussiérage et dévésiculage.pdf                           | 457  |
| 19588 | 23/11/12   | Liquéfaction de l'hydrogène.pdf                             | 254  |
| 19589 | 23/11/12   | Liquéfaction du gaz naturel.pdf                             | 974  |
| 19590 | 23/11/12   | Séparation et liquéfaction des gaz.pdf                      | 703  |
| 19591 | <b>Physique et technologies\Chimie et accumulateurs d'électricité\Tri et mise en forme des solides</b>     |   |      |
| 19592 | 23/11/12   | Classification hydraulique en dimensions.pdf                | 722  |
| 19593 | 23/11/12   | Classification pneumatique.pdf                              | 696  |
| 19594 | 23/11/12   | Concentration gravimétrique.pdf                             | 886  |
| 19595 | 23/11/12   | Conduite des unités de broyage.pdf                          | 599  |
| 19596 | 23/11/12   | Criblage.pdf  | 676  |
| 19597 | 23/11/12   | Flottation - Aspects pratiques.pdf                          | 347  |



|       |   |   |      |
|-------|---|---|------|
| 19598 | 23/11/12  | Flottation - Mécanismes et réactifs.pdf                               | 273  |
| 19599 | 23/11/12  | Fragmentation - Applications.pdf                                      | 395  |
| 19600 | 23/11/12  | Fragmentation - Généralités - Théorie.pdf                             | 131  |
| 19601 | 23/11/12  | Fragmentation - Technologie.pdf                                       | 1360 |
| 19602 | 23/11/12  | Mise en forme des solides - Aspects théoriques.pdf                    | 603  |
| 19603 | 23/11/12  | Mise en forme des solides - Procédés et appareils.pdf                 | 494  |
| 19604 | 23/11/12  | Séparation magnétique.pdf   | 1011 |
| 19605 | <b>Physique et technologies\Constantes physico-chimiques\ Généralités</b>     |   |      |
| 19606 | 14/08/12  | Banques de données en chimie.pdf                                      | 215  |
| 19607 | 14/08/12  | Constantes en astronomie.pdf  | 77   |
| 19608 | 14/08/12  | Constantes physiques fondamentales.pdf                                | 138  |
| 19609 | 14/08/12  | Corrections barométriques.pdf   | 108  |
| 19610 | 14/08/12  | Mesures des températures.pdf  | 77   |
| 19611 | 14/08/12  | Moyens d'information factuelle.pdf                                    | 428  |
| 19612 | <b>Physique et technologies\Constantes physico-chimiques\Atomistique</b>      |   |      |
| 19613 | 13/08/12  | Constantes nucléaires.pdf   | 641  |
| 19614 | 13/08/12  | Propriétés des éléments.pdf   | 123  |
| 19615 | 13/08/12  | Structures moléculaires.pdf   | 101  |
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| 19617 | 13/08/12  | Chimie inorganique - Composés de coordination.pdf                     | 901  |
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| 19624 | 13/08/12  | Caractéristiques des produits pétroliers.pdf                          | 285  |
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| 19631 | 13/08/12  | Membranes semi-perméables - Généralités.pdf                           | 90   |
| 19632 | 13/08/12  | Membranes semi-perméables de microfiltration tangentielle.pdf         | 153  |

|       |   |  |      |
|-------|---|--|------|
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| 19638 | 13/08/12  | Membranes semi-perméables échangeuses d'ions.pdf           | 135  |
| 19639 | 13/08/12  | Nomenclature des composés organiques.pdf                   | 1073 |
| 19640 | 13/08/12  | Noms de classes fonctionnelles des composés organiques.pdf | 721  |
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| 19644 | 13/08/12  | Tensioactifs.pdf   | 245  |
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| 19653 | 13/08/12  | Matériaux isolants solides.pdf                             | 166  |
| 19654 | 13/08/12  | Résistivité des métaux.pdf                                 | 104  |
| 19655 | 13/08/12  | Résistivité des semiconducteurs.pdf                        | 719  |
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| 19663 | 13/08/12  | Tensions superficielles et interfaciales.pdf               | 287  |
| 19664 | 13/08/12  | Viscosité.pdf  | 230  |
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| 19667 | 13/08/12  | Constantes des spectres d'émission X.pdf                   | 355  |

|       |  |  |      |
|-------|--|--|------|
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| 19669 | 13/08/12   | Constantes des spectres RMN.pdf                              | 241  |
| 19670 | 13/08/12   | Constantes des spectres ultraviolets.pdf                     | 215  |
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| 19693 | 14/08/12   | Températures et enthalpies de composés organiques.pdf        | 198  |
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|       |  |  |      |
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|       |   |   |     |
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|       |  |  |      |
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|       |  |   |      |
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|       |  |   |      |
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| 19897 | 20/06/08  | annexe10_a10_terre_foudre.pdf                                 | 136  |
| 19898 | 20/06/08  | annexe11_a11_transformateur.pdf                               | 152  |
| 19899 | 20/06/08  | annexe12_A12_modulation.pdf                                   | 171  |
| 19900 | 20/06/08  | annexe13_a13_circuits.pdf                                     | 249  |
| 19901 | 20/06/08  | Annexe14_A14_calcul_vectoriel..pdf                            | 56   |
| 19902 | 20/06/08  | annexe15_A15_fonctions_bessel..pdf                            | 67   |
| 19903 | 20/06/08  | Annexe16_A16_transform_laplace.pdf                            | 144  |
| 19904 | 20/06/08  | Annexe17_A17_series_Fourier.pdf                               | 57   |
| 19905 | 20/06/08  | annexe18_a18_transform_Fourier.pdf                            | 67   |
| 19906 | 20/06/08  | annexe19_A19_caract_métaux.pdf                                | 181  |
| 19907 | 20/06/08  | annexe2_a2_bruit_recept.pdf                                   | 147  |
| 19908 | 20/06/08  | annexe3_a3_lignes.pdf   | 274  |
| 19909 | 20/06/08  | annexe4_a4_guide_onda.pdf                                     | 198  |
| 19910 | 20/06/08  | annexe5_a5_propagation.pdf                                    | 276  |
| 19911 | 20/06/08  | annexe6_a6_antennes.pdf                                       | 344  |
| 19912 | 20/06/08  | annexe8_a8_couplages.pdf                                      | 116  |

|       |  |   |      |
|-------|--|---|------|
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|       |  |   |      |
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|       |   |  |      |
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|       |   |   |     |
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|       |   |   |      |
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|       |  |  |      |
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| 20147 | 05/12/13   | Normalisation des machines hydrauliques et thermiques.pdf    | 307  |
| 20148 | <b>Physique et technologies\Hydraulique, thermique et éolien\Fluides compressibles</b>                         |  |      |
| 20149 | 05/12/13   | Calcul des écoulements compressibles.pdf                     | 1452 |
| 20150 | 05/12/13   | Coupleurs hydrocinétiques.pdf                                | 276  |
| 20151 | 05/12/13   | Eoliennes.pdf  | 375  |
| 20152 | 05/12/13   | Hélices aériennes.pdf  | 314  |
| 20153 | 05/12/13   | Turbines ... fluide compressible.pdf                         | 498  |
| 20154 | 05/12/13   | Turbines ... gaz aéronautiques et terrestres.pdf             | 1427 |
| 20155 | 05/12/13   | Ventilateurs Compresseurs - Technologie.pdf                  | 626  |
| 20156 | 05/12/13   | Ventilateurs et compresseurs - Principes.pdf                 | 442  |
| 20157 | <b>Physique et technologies\Hydraulique, thermique et éolien\Grandeurs hydrauliques et pneumatiques\Débits</b> |  |      |



|       |   |   |      |
|-------|---|---|------|
| 20158 | 06/12/13  | Anémomètres ... fil ou ... film chaud.pdf                       | 337  |
| 20159 | 06/12/13  | Choix d'un débitmètre.pdf                                       | 229  |
| 20160 | 06/12/13  | Débitmétrie par intégration du champ des vitesses.pdf           | 218  |
| 20161 | 06/12/13  | Débitmètres ... pression différentielle.pdf                     | 357  |
| 20162 | 06/12/13  | Débitmètres ... turbine pour liquides.pdf                       | 575  |
| 20163 | 06/12/13  | Débitmètres ... vortex.pdf                                      | 462  |
| 20164 | 06/12/13  | Débitmètres électromagnétiques.pdf                              | 450  |
| 20165 | 06/12/13  | Débitmètres massiques.pdf                                       | 322  |
| 20166 | 06/12/13  | Débitmètres thermiques.pdf                                      | 139  |
| 20167 | <b>Physique et technologies\Hydraulique, thermique et éolien\Grandeurs hydrauliques et pneumatiques\Détection de gaz</b>        |   |      |
| 20168 | 06/12/13  | Explosimètres - Détecteurs de gaz.pdf                           | 268  |
| 20169 | <b>Physique et technologies\Hydraulique, thermique et éolien\Grandeurs hydrauliques et pneumatiques\Métrie dans les fluides</b> |   |      |
| 20170 | 06/12/13  | Granulométrie des particules en mouvement et des aérosols.pdf   | 1142 |
| 20171 | 06/12/13  | Mesures locales de vitesse dans un fluide.pdf                   | 442  |
| 20172 | 06/12/13  | Niveaux.pdf   | 1676 |
| 20173 | 06/12/13  | Viscosité.pdf   | 770  |
| 20174 | 06/12/13  | Visualisation et mesures optiques en aérodynamique.pdf          | 430  |
| 20175 | <b>Physique et technologies\Hydraulique, thermique et éolien\Grandeurs hydrauliques et pneumatiques\Pressions</b>               |   |      |
| 20176 | 06/12/13  | Contrôle de l'étanchéité.pdf                                    | 445  |
| 20177 | 06/12/13  | Hautes pressions.pdf  | 469  |
| 20178 | 06/12/13  | Microcapteurs de pression.pdf                                   | 168  |
| 20179 | 06/12/13  | Pressions dans les fluides - Capteurs.pdf                       | 589  |
| 20180 | 06/12/13  | Pressions dans les fluides - Principes.pdf                      | 499  |
| 20181 | 06/12/13  | Pressions rapidement variables.pdf                              | 268  |
| 20182 | <b>Physique et technologies\Hydraulique, thermique et éolien\Grandeurs hydrauliques et pneumatiques\Volumes</b>                 |   |      |
| 20183 | 06/12/13  | Compteurs de volume de gaz.pdf                                  | 951  |
| 20184 | 06/12/13  | Etalonnage et vérification des compteurs de gaz.pdf             | 215  |
| 20185 | 06/12/13  | Etalonnage et vérification des compteurs de liquides.pdf        | 431  |
| 20186 | 06/12/13  | Masse volumique des fluides en conduite fermée.pdf              | 643  |
| 20187 | 06/12/13  | Mesurage statique du volume des liquides.pdf                    | 523  |
| 20188 | <b>Physique et technologies\Hydraulique, thermique et éolien\Hydraulique</b>  |   |      |
| 20189 | 05/12/13  | Caractéristiques des turbomachines hydrauliques.pdf             | 279  |
| 20190 | 05/12/13  | Ejecteurs.pdf   | 1164 |
| 20191 | 05/12/13  | Hélices marines.pdf   | 1442 |
| 20192 | 05/12/13  | Pompes centrifuges, hélico-centrifuges & axiales-cavitation.pdf | 572  |

|       |   |  |      |
|-------|---|--|------|
| 20193 | 05/12/13  | Pompes rotodynamiques - Exploitation.pdf               | 666  |
| 20194 | 05/12/13  | Pompes rotodynamiques - Fonctionnement.pdf             | 502  |
| 20195 | 05/12/13  | Pompes rotodynamiques - Présentation. Description.pdf  | 432  |
| 20196 | 05/12/13  | Pompes rotodynamiques - Problèmes mécaniques.pdf       | 695  |
| 20197 | 05/12/13  | Pompes rotodynamiques - Projet d'une pompe.pdf         | 677  |
| 20198 | 05/12/13  | Pompes rotodynamiques de technologie particulière.pdf  | 359  |
| 20199 | 05/12/13  | Turbines hydrauliques - Description et évolution.pdf   | 946  |
| 20200 | <b>Physique et technologies\Hydraulique, thermique et éolien\Machines volumétriques</b>         |  |      |
| 20201 | 05/12/13  | Compresseurs volumétriques.pdf                         | 1110 |
| 20202 | 05/12/13  | Pompes ... transfert de gaz - Pompes cinétiques.pdf    | 569  |
| 20203 | 05/12/13  | Pompes ... transfert de gaz - Pompes volumétriques.pdf | 819  |
| 20204 | 05/12/13  | Pompes volumétriques pour liquides.pdf                 | 718  |
| 20205 | <b>Physique et technologies\Hydraulique, thermique et éolien\Moteurs ... combustion interne</b> |  |      |
| 20206 | 05/12/13  | Application de la suralimentation aux moteurs.pdf      | 737  |
| 20207 | 05/12/13  | CAO et méthodologie de conception.pdf                  | 760  |
| 20208 | 05/12/13  | Combustion dans les moteurs Diesel.pdf                 | 1225 |
| 20209 | 05/12/13  | Distribution ... soupapes.pdf                          | 1389 |
| 20210 | 05/12/13  | Equilibrage des machines alternatives.pdf              | 1404 |
| 20211 | 05/12/13  | Graissage des moteurs thermiques alternatifs.pdf       | 1006 |
| 20212 | 05/12/13  | Introduction aux moteurs alternatifs.pdf               | 222  |
| 20213 | 05/12/13  | Les carburants et la combustion.pdf                    | 299  |
| 20214 | 05/12/13  | Moteurs ... allumage commandé.pdf                      | 327  |
| 20215 | 05/12/13  | Moteurs ... gaz - Etat de l'art.pdf                    | 171  |
| 20216 | 05/12/13  | Moteurs Diesel - Conception et mise au point.pdf       | 736  |
| 20217 | 05/12/13  | Moteurs diesel, injection et chambre de combustion.pdf | 551  |
| 20218 | 05/12/13  | Moteurs non conventionnels.pdf                         | 825  |
| 20219 | 05/12/13  | Moyens spécifiques d'essais.pdf                        | 956  |
| 20220 | 05/12/13  | Pollution atmosphérique - Post-traitements.pdf         | 392  |
| 20221 | 05/12/13  | Suralimentation des moteurs par turbocompresseur.pdf   | 409  |
| 20222 | 05/12/13  | Suralimentation par compresseur volumétrique.pdf       | 494  |
| 20223 | 05/12/13  | Technologie des moteurs ... combustion interne.pdf     | 1344 |
| 20224 | 05/12/13  | Transvasements gazeux dans les moteurs thermiques.pdf  | 537  |
| 20225 | <b>Physique et technologies\Hydraulique, thermique et éolien\Ports, littoral et géophysique</b> |  |      |
| 20226 | 19/11/12  | Défense du littoral.pdf                                | 148  |
| 20227 | 19/11/12  | Développement d'un champ pétrolier en mer.pdf          | 1132 |

|       |  |  |      |
|-------|--|--|------|
| 20228 | 06/12/13   | Mesures en océanographie physique.pdf                                | 932  |
| 20229 | 06/12/13   | Mesures géophysiques en mer.pdf                                      | 375  |
| 20230 | 19/11/12   | Mouvements de la mer.pdf   | 822  |
| 20231 | 19/11/12   | Navires. Navigation. Balisage.pdf                                    | 585  |
| 20232 | 21/08/15   | Ocean-Land Interface for Geomagnetically Induced Electric Fields.pdf | 199  |
| 20233 | 19/11/12   | Ouvrages de protection contre la houle.pdf                           | 941  |
| 20234 | 19/11/12   | Ouvrages de protection des côtes.pdf                                 | 698  |
| 20235 | 19/11/12   | Ports - Aménagement et équipements intérieurs.pdf                    | 1624 |
| 20236 | 19/11/12   | Ports de plaisance.pdf   | 396  |
| 20237 | 19/11/12   | Principes d'implantation et d'aménagement des ports.pdf              | 590  |
| 20238 | <b>Physique et technologies\Hydraulique, thermique et éolien\Travaux d'hydraulique</b>         |  |      |
| 20239 | 19/11/12   | Adduction et distribution d'eau.pdf                                  | 870  |
| 20240 | 19/11/12   | Alimentation en eau potable.pdf                                      | 178  |
| 20241 | 19/11/12   | Dispositifs de prélèvement des eaux.pdf                              | 375  |
| 20242 | 19/11/12   | Eaux de distribution - Clarification.pdf                             | 541  |
| 20243 | 19/11/12   | Eaux de distribution - Objet des traitements.pdf                     | 104  |
| 20244 | 19/11/12   | Eaux de distribution - Traitements spécifiques.pdf                   | 168  |
| 20245 | 19/11/12   | Eaux de distribution - Traitements unitaires.pdf                     | 422  |
| 20246 | 19/11/12   | Systèmes d'irrigation.pdf  | 1319 |
| 20247 | 19/11/12   | Traitement des eaux usées urbaines.pdf                               | 344  |
| 20248 | <b>Physique et technologies\Hydraulique, thermique et éolien\Turbomachines</b>                 |  |      |
| 20249 | 06/12/13   | Bruit des pompes.pdf   | 221  |
| 20250 | 06/12/13   | Mise en oeuvre des turbines ... gaz dans l'industrie.pdf             | 377  |
| 20251 | 05/12/13   | Théorie générale des turbomachines.pdf                               | 1111 |
| 20252 | 06/12/13   | Vibrations et contraintes alternées des turbomachines.pdf            | 267  |
| 20253 | <b>Physique et technologies\Hydraulique, thermique et éolien\Tuyauterie &amp; Robinetterie</b> |  |      |
| 20254 | 28/11/12   | Appareillages de contrôle des tuyauteries.pdf                        | 1128 |
| 20255 | 28/11/12   | Appareils multicouches et frettés.pdf                                | 872  |
| 20256 | 28/11/12   | Base de calcul des enceintes sous pression.pdf                       | 347  |
| 20257 | 28/11/12   | Compensateurs de dilatation.pdf                                      | 343  |
| 20258 | 28/11/12   | Contrôle et tolérance du supportage.pdf                              | 350  |
| 20259 | 28/11/12   | Ecoulement des fluides dans les tuyauteries.pdf                      | 816  |
| 20260 | 28/11/12   | Eléments normalisés de tuyauteries sous pression.pdf                 | 694  |
| 20261 | 28/11/12   | Protection contre la corrosion.pdf                                   | 507  |
| 20262 | 28/11/12   | Réglementation française des tuyauteries.pdf                         | 96   |

|       |   |   |      |
|-------|---|---|------|
| 20263 | 28/11/12  | Résistance des éléments de tuyauterie.pdf                   | 365  |
| 20264 | 28/11/12  | Robinetterie industrielle.pdf                               | 463  |
| 20265 | 28/11/12  | Supportage.pdf  | 232  |
| 20266 | 28/11/12  | Transmission de la chaleur.pdf                              | 633  |
| 20267 | 28/11/12  | Tuyauteries - Flexibilité.pdf                               | 907  |
| 20268 | <b>Physique et technologies\Images, vision et écrans plats</b>  |   |      |
| 20269 | 16/08/12  | Afficheurs électroluminescents.pdf                          | 849  |
| 20270 | 08/12/13  | Biophysique sensorielle - Acoustique physiologique.pdf      | 129  |
| 20271 | 16/08/12  | Ecrans ... cristal liquide - fabrication.pdf                | 191  |
| 20272 | 08/12/13  | La fonction visuelle.pdf                                    | 283  |
| 20273 | 16/08/12  | Matériaux organiques électroluminescents.pdf                | 308  |
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| 20275 | 06/03/09  | Avalanche Transistor Switch.pdf                             | 137  |
| 20276 | 03/09/07  | Electromagnetic Band Gap Structures.pdf                     | 435  |
| 20277 | 26/12/08  | High-Power EMI on RF Amplifier.pdf                          | 839  |
| 20278 | 17/11/05  | Non-linear Effects in High-Speed.pdf                        | 1491 |
| 20279 | 10/10/14  | Satish Dhawan - Power Electronics.pdf                       | 84   |
| 20280 | <b>Physique et technologies\Induction magnétique, effets non linéaires\Effets de l'induction continue</b>                 |   |      |
| 20281 | 27/09/07  | Composite_B_H.pdf   | 481  |
| 20282 | 27/09/07  | Converters in B Stray.pdf                                   | 221  |
| 20283 | 26/09/14  | DC Current Transformers and Beam-Lifetime Evaluations.pdf   | 2277 |
| 20284 | 20/06/13  | DC Magnetic induction immunity.pdf                          | 13   |
| 20285 | 26/09/14  | Ironless Inductive Position Sensor.pdf                      | 418  |
| 20286 | 19/06/13  | ITER_DCmagfield_test_method_v2.0.pdf                        | 1009 |
| 20287 | 20/06/13  | ITER_DCmagfield_test_method_v2.2.pdf                        | 1064 |
| 20288 | 20/06/13  | Magnetic Field Measurement.pdf                              | 375  |
| 20289 | 26/09/14  | Precision Current Measurement in Power Converters.pdf       | 1510 |
| 20290 | <b>Physique et technologies\Induction magnétique, effets non linéaires\Effets de l'induction continue\Barthelemy ITER</b> |   |      |
| 20291 | 13/10/07  | Magnetic_field_from_elements_of_the_building_26QMDV_1_1.pdf | 203  |
| 20292 | 13/10/07  | Study_on_magnetic_field_from_tokamak_tables_26Q9J5_1_0.xls  | 63   |
| 20293 | <b>Physique et technologies\Induction magnétique, effets non linéaires\Tests d'immunité ... l'induction continue</b>      |   |      |
| 20294 | 10/10/14  | Pulse-Transformer_Magnetic-Susceptibility-Test.pdf          | 893  |
| 20295 | 10/10/14  | Relay_Omron_G6K_Magnetic-Susceptibility-Test.pdf            | 156  |
| 20296 | 10/10/14  | Relay-24V-Various-02_Magnetic-Susceptibility-Test.pdf       | 391  |
| 20297 | 10/10/14  | UJ56-Power-Converter_Magnetic-Susceptibility-Test.pdf       | 62   |

|       |   |   |      |
|-------|---|---|------|
| 20298 | <b>Physique et technologies\Informatique et télécom\Audiovisuel et multimedia\Applications - enregistrement</b> |   |      |
| 20299 | 08/12/13  | Disques analogiques ... gravure électromécanique.pdf        | 286  |
| 20300 | 08/12/13  | Disques optiques.pdf  | 1005 |
| 20301 | 08/12/13  | Enregistrement magnétique - tude théorique.pdf              | 572  |
| 20302 | 08/12/13  | Enregistrement magnétique des images.pdf                    | 941  |
| 20303 | 08/12/13  | Enregistrement numérique des sons.pdf                       | 379  |
| 20304 | <b>Physique et technologies\Informatique et télécom\Audiovisuel et multimedia\Applications - restitution</b>    |   |      |
| 20305 | 08/12/13  | Ecrans plats.pdf  | 1124 |
| 20306 | 08/12/13  | Enceintes aux basses fréquences.pdf                         | 255  |
| 20307 | 08/12/13  | Enceintes aux hautes fréquences.pdf                         | 211  |
| 20308 | 08/12/13  | Réseaux acoustiques de sources ponctuelles.pdf              | 313  |
| 20309 | 08/12/13  | Restitution des images - Notions de base sur les écrans.pdf | 298  |
| 20310 | 08/12/13  | Sonorisation.pdf  | 261  |
| 20311 | 08/12/13  | Techniques d'impression d'images numérisées.pdf             | 866  |
| 20312 | 08/12/13  | Tubes ... rayons cathodiques.pdf                            | 607  |
| 20313 | 08/12/13  | Visualisation d'images TV sur grand écran.pdf               | 700  |
| 20314 | <b>Physique et technologies\Informatique et télécom\Audiovisuel et multimedia\Applications - transduction</b>   |   |      |
| 20315 | 08/12/13  | Analyseurs d'images.pdf                                     | 289  |
| 20316 | 08/12/13  | Haut-parleurs.pdf   | 609  |
| 20317 | 08/12/13  | Introduction ... l'électroacoustique - Transduction.pdf     | 509  |
| 20318 | 08/12/13  | Microphones.pdf   | 1214 |
| 20319 | <b>Physique et technologies\Informatique et télécom\Documents numériques</b>                                    |   |      |
| 20320 | 26/11/12  | Bases de données documentaires.pdf                          | 152  |
| 20321 | 25/11/12  | Bases de données géographiques.pdf                          | 461  |
| 20322 | 26/11/12  | Codage des caractères.pdf                                   | 243  |
| 20323 | 26/11/12  | Documents hypermédias - Définitions et concepts.pdf         | 1040 |
| 20324 | 25/11/12  | Documents numériques - Introduction.pdf                     | 62   |
| 20325 | 26/11/12  | Ergonomie des documents numériques.pdf                      | 232  |
| 20326 | 26/11/12  | Format d'image SVG.pdf                                      | 139  |
| 20327 | 26/11/12  | Langages de description de pages - PostScript et PDF.pdf    | 410  |
| 20328 | 26/11/12  | Le temps dans les documents.pdf                             | 272  |
| 20329 | 25/11/12  | Logiciels graphiques de base.pdf                            | 544  |
| 20330 | 26/11/12  | Reconnaissance de la parole et dialogue oral.pdf            | 532  |
| 20331 | 26/11/12  | Reconnaissance de l'écriture manuscrite.pdf                 | 260  |
| 20332 | 26/11/12  | Reconnaissance de l'imprimé.pdf                             | 356  |

|       |   |  |      |
|-------|---|--|------|
| 20333 | 26/11/12  | SGML.pdf   | 188  |
| 20334 | 26/11/12  | Synthèse de la parole ... partir du texte.pdf                    | 195  |
| 20335 | 25/11/12  | Synthèse d'image.pdf   | 377  |
| 20336 | 25/11/12  | Systèmes ... bases de connaissances.pdf                          | 145  |
| 20337 | 26/11/12  | TEI (Text Encoding Initiative).pdf                               | 144  |
| 20338 | 26/11/12  | Traitement automatique de textes.pdf                             | 170  |
| 20339 | 26/11/12  | XML.pdf  | 282  |
| 20340 | <b>Physique et technologies\Informatique et télécom\ quipements de réseau</b> |  |      |
| 20341 | 09/12/13  | Autocommutateurs des réseaux publics.pdf                         | 1168 |
| 20342 | 09/12/13  | Câbles sous-marins ... fibres optiques.pdf                       | 389  |
| 20343 | <b>Physique et technologies\Informatique et télécom\ quipements terminaux</b> |  |      |
| 20344 | 09/12/13  | Installations téléphoniques privées.pdf                          | 307  |
| 20345 | 09/12/13  | Modems et adaptation aux réseaux de données.pdf                  | 697  |
| 20346 | 09/12/13  | Réseau d'accès filaire - systèmes interactifs ... haut débit.pdf | 148  |
| 20347 | 09/12/13  | Télécopie.pdf  | 274  |
| 20348 | 09/12/13  | Terminaux téléphoniques.pdf                                      | 197  |
| 20349 | <b>Physique et technologies\Informatique et télécom\Génie logiciel</b>        |  |      |
| 20350 | 26/11/12  | Bases de données - Aspects temporels.pdf                         | 185  |
| 20351 | 26/11/12  | Bases de données déductives.pdf                                  | 157  |
| 20352 | 26/11/12  | Bases de données orientées objets.pdf                            | 345  |
| 20353 | 26/11/12  | Bases de données relationnelles.pdf                              | 375  |
| 20354 | 26/11/12  | Bases de données réparties.pdf                                   | 369  |
| 20355 | 26/11/12  | BDD - Méthode orientée objet et événement.pdf                    | 719  |
| 20356 | 26/11/12  | Conception de logiciels et portabilité.pdf                       | 126  |
| 20357 | 26/11/12  | Conception orientée objet et événement.pdf                       | 1775 |
| 20358 | 26/11/12  | Développement rapide d'applications.pdf                          | 226  |
| 20359 | 26/11/12  | Développements d'applications ... objets.pdf                     | 167  |
| 20360 | 26/11/12  | Estimation de projets - Méthodes algorithmiques.pdf              | 344  |
| 20361 | 26/11/12  | Génie logiciel.pdf   | 618  |
| 20362 | 26/11/12  | Informatique - Les moteurs du changement.pdf                     | 165  |
| 20363 | 26/11/12  | Logique floue en classification.pdf                              | 286  |
| 20364 | 26/11/12  | Machine virtuelle Java.pdf                                       | 249  |
| 20365 | 26/11/12  | Mise au point des logiciels.pdf                                  | 191  |
| 20366 | 26/11/12  | Principales classes de systèmes d'exploitation.pdf               | 116  |
| 20367 | 26/11/12  | Réseaux de neurones.pdf  | 309  |

|       |   |   |      |
|-------|---|---|------|
| 20368 | 26/11/12  | Serveurs multiprocesseurs et SGBD parallélisés.pdf        | 198  |
| 20369 | 26/11/12  | Stratégie de conception des systèmes d'information.pdf    | 553  |
| 20370 | 26/11/12  | Système d'exploitation Unix.pdf                           | 696  |
| 20371 | 26/11/12  | Système Linux.pdf   | 575  |
| 20372 | 26/11/12  | Système OS2.pdf   | 312  |
| 20373 | 26/11/12  | Systèmes de calcul formel.pdf                             | 353  |
| 20374 | 26/11/12  | Systèmes d'exploitation principes et fonctions.pdf        | 362  |
| 20375 | 26/11/12  | Validation de logiciels - Méthodes formelles.pdf          | 183  |
| 20376 | <b>Physique et technologies\Informatique et télécom\Informatique industrielle</b> |   |      |
| 20377 | 26/11/12  | Algorithmique de la commande par calculateur.pdf          | 441  |
| 20378 | 26/11/12  | API et PC - solutions concurrentes.pdf                    | 392  |
| 20379 | 26/11/12  | Automates programmables industriels (API).pdf             | 134  |
| 20380 | 26/11/12  | CdC des automatismes - Analyse fonctionnelle.pdf          | 114  |
| 20381 | 26/11/12  | Choix de l'équipement d'un système automatisé.pdf         | 357  |
| 20382 | 26/11/12  | Communication avec les périphériques.pdf                  | 258  |
| 20383 | 26/11/12  | Contrôle de production par vision linéaire.pdf            | 365  |
| 20384 | 26/11/12  | Correction fréquentielle analogique.pdf                   | 689  |
| 20385 | 26/11/12  | Economie de l'automatisation de la production.pdf         | 280  |
| 20386 | 26/11/12  | Exemple de correction d'un système asservi.pdf            | 565  |
| 20387 | 25/11/12  | Informatique industrielle - Introduction.pdf              | 73   |
| 20388 | 26/11/12  | Ingénierie des systèmes homme-machine.pdf                 | 290  |
| 20389 | 25/11/12  | Introduction ... la logique floue.pdf                     | 460  |
| 20390 | 26/11/12  | Langages de programmation pour API - IEC 1131-3.pdf       | 149  |
| 20391 | 26/11/12  | Langages réactifs synchrones et asynchrones.pdf           | 278  |
| 20392 | 26/11/12  | Méthodes de synthèse de correcteurs numériques.pdf        | 481  |
| 20393 | 26/11/12  | Microcontrôleurs - Principes & aspects temps réel.pdf     | 279  |
| 20394 | 26/11/12  | Ordonnancement temps réel - Ordonnancement centralisé.pdf | 306  |
| 20395 | 26/11/12  | Ordonnancement temps réel - Ordonnancement réparti.pdf    | 252  |
| 20396 | 26/11/12  | Principes généraux de correction.pdf                      | 271  |
| 20397 | 26/11/12  | Programmation graphique en contrôle-commande.pdf          | 1338 |
| 20398 | 26/11/12  | Qualité des logiciels industriels.pdf                     | 147  |
| 20399 | 26/11/12  | Réalisation numérique des correcteurs.pdf                 | 216  |
| 20400 | 26/11/12  | Reconfiguration commande et sécurité opérationnelle.pdf   | 141  |
| 20401 | 26/11/12  | Régulateurs PID analogiques et numériques.pdf             | 261  |
| 20402 | 26/11/12  | Régulation d'un processus par réseaux de neurones.pdf     | 278  |

|       |  |  |      |
|-------|--|--|------|
| 20403 | 26/11/12   | Régulation électromécanique.pdf                                | 587  |
| 20404 | 26/11/12   | Réseaux locaux industriels - Typologie et caractéristiques.pdf | 334  |
| 20405 | 26/11/12   | Sécurité opérationnelle des systèmes de production.pdf         | 351  |
| 20406 | 26/11/12   | Supervision - Outil de mesure de la production.pdf             | 283  |
| 20407 | 26/11/12   | Sûreté de fonctionnement des systèmes complexes.pdf            | 311  |
| 20408 | 26/11/12   | Systèmes asservis linéaires - Critère d'amortissement.pdf      | 164  |
| 20409 | 26/11/12   | Systèmes d'exploitation temps réel - Exemples.pdf              | 120  |
| 20410 | 26/11/12   | Systèmes d'exploitation temps réel - Principes.pdf             | 268  |
| 20411 | 26/11/12   | Systèmes numériques de contrôle-commande (SNCC).pdf            | 695  |
| 20412 | 26/11/12   | Traitement industriel par micro-informatique.pdf               | 286  |
| 20413 | <b>Physique et technologies\Informatique et télécom\Internet et ses techniques</b> |  |      |
| 20414 | 09/12/13   | Fibres optiques pour télécommunications.pdf                    | 230  |
| 20415 | 27/11/12   | Internet par satellites.pdf                                    | 609  |
| 20416 | 27/11/12   | Introduction au World Wide Web.pdf                             | 462  |
| 20417 | 09/12/13   | Multiplexage numérique.pdf                                     | 826  |
| 20418 | 09/12/13   | Protocoles de transmission de données.pdf                      | 373  |
| 20419 | 09/12/13   | Réseaux ATM.pdf  | 254  |
| 20420 | 09/12/13   | Réseaux optiques passifs.pdf                                   | 263  |
| 20421 | 09/12/13   | Systèmes de transmission sur fibre optique.pdf                 | 231  |
| 20422 | 09/12/13   | Technologies de l'Internet.pdf                                 | 85   |
| 20423 | 09/12/13   | Téléphonie Internet.pdf  | 164  |
| 20424 | 09/12/13   | Transmission des signaux numériques.pdf                        | 1085 |
| 20425 | <b>Physique et technologies\Informatique et télécom\Langages de programmation</b>  |  |      |
| 20426 | 27/11/12   | Ada.pdf  | 136  |
| 20427 | 27/11/12   | COBOL.pdf  | 446  |
| 20428 | 27/11/12   | Compilateurs.pdf   | 348  |
| 20429 | 27/11/12   | Fortran.pdf  | 337  |
| 20430 | 27/11/12   | Langage C.pdf  | 182  |
| 20431 | 27/11/12   | Langage CAML.pdf   | 134  |
| 20432 | 27/11/12   | Langage Java.pdf   | 182  |
| 20433 | 27/11/12   | Langage Prolog.pdf   | 156  |
| 20434 | 27/11/12   | Langages ... objets.pdf  | 224  |
| 20435 | 27/11/12   | Langages de bases de données SQL.pdf                           | 141  |
| 20436 | 27/11/12   | Langages de programmation - Introduction.pdf                   | 43   |
| 20437 | 27/11/12   | Langages de script.pdf   | 167  |



|       |   |  |     |
|-------|---|--|-----|
| 20438 | 27/11/12  | Lisp.pdf   | 199 |
| 20439 | 27/11/12  | Pascal - Langages d'écriture de systèmes.pdf               | 429 |
| 20440 | 27/11/12  | Programmation logique avec contraintes.pdf                 | 134 |
| 20441 | 27/11/12  | Programmation.pdf  | 79  |
| 20442 | 27/11/12  | Visual Basic.pdf   | 253 |
| 20443 | <b>Physique et technologies\Informatique et télécom\Périphériques de stockage</b>       |  |     |
| 20444 | 28/11/12  | Le stockage holographique.pdf                              | 108 |
| 20445 | 28/11/12  | Périphériques de stockage magnétique et optique.pdf        | 376 |
| 20446 | 28/11/12  | Stockage de données en réseau SAN.pdf                      | 607 |
| 20447 | 28/11/12  | Technologie des mémoires ... enregistrement magnétique.pdf | 331 |
| 20448 | <b>Physique et technologies\Informatique et télécom\Processeurs</b>                     |  |     |
| 20449 | 28/11/12  | Architecture matérielle des PC Windows-Intel.pdf           | 172 |
| 20450 | 28/11/12  | Architectures parallèles - Solutions.pdf                   | 242 |
| 20451 | 28/11/12  | Bus PCI.pdf  | 190 |
| 20452 | 28/11/12  | Evolution de l'architecture des ordinateurs.pdf            | 155 |
| 20453 | 28/11/12  | Introduction aux architectures parallèles.pdf              | 194 |
| 20454 | 28/11/12  | Structure interne des ordinateurs.pdf                      | 792 |
| 20455 | <b>Physique et technologies\Informatique et télécom\Règlementation et normalisation</b> |  |     |
| 20456 | 27/11/12  | Droit et documents électroniques.pdf                       | 159 |
| 20457 | 27/11/12  | Les contrats en informatique.pdf                           | 139 |
| 20458 | 27/11/12  | Normalisation et standardisation des nouvelles technos.pdf | 122 |
| 20459 | 27/11/12  | Protection électronique de droits d'auteur.pdf             | 80  |
| 20460 | 27/11/12  | Qualité du logiciel - Référentiels normatifs.pdf           | 156 |
| 20461 | <b>Physique et technologies\Informatique et télécom\Robotique</b>                       |  |     |
| 20462 | 27/11/12  | Actionneurs en robotique.pdf                               | 676 |
| 20463 | 27/11/12  | Applications robotisées - Robots de soudage.pdf            | 239 |
| 20464 | 27/11/12  | Ateliers flexibles appliqués aux matières souples.pdf      | 261 |
| 20465 | 27/11/12  | Ateliers flexibles d'usinage.pdf                           | 419 |
| 20466 | 27/11/12  | Capteurs de localisation des robots mobiles.pdf            | 331 |
| 20467 | 27/11/12  | Capteurs d'environnement en robotique - Introduction.pdf   | 471 |
| 20468 | 27/11/12  | Capteurs en robotique - Perception des efforts.pdf         | 660 |
| 20469 | 27/11/12  | Capteurs en robotique - Perception tactile.pdf             | 501 |
| 20470 | 27/11/12  | Evaluation des performances des robots industriels.pdf     | 376 |
| 20471 | 27/11/12  | Intégration robot-vision.pdf                               | 155 |
| 20472 | 27/11/12  | La sécurité en robotique.pdf                               | 519 |

|       |   |   |      |
|-------|---|---|------|
| 20473 | 27/11/12  | Modélisation des robots manipulateurs.pdf                 | 259  |
| 20474 | 27/11/12  | Perception tridimensionnelle en robotique.pdf             | 396  |
| 20475 | 27/11/12  | Planification hiérarchisée des tâches de robots.pdf       | 174  |
| 20476 | 27/11/12  | Programmation des robots.pdf                              | 236  |
| 20477 | 27/11/12  | Réalité virtuelle - Application ... la robotique.pdf      | 428  |
| 20478 | 27/11/12  | Robots - Définitions et classification.pdf                | 241  |
| 20479 | 27/11/12  | Robots mobiles autonomes.pdf                              | 387  |
| 20480 | 27/11/12  | Robots mobiles miniatures.pdf                             | 446  |
| 20481 | 27/11/12  | Robots parallèles.pdf                                     | 451  |
| 20482 | 27/11/12  | Simulation et programmation hors ligne en robotique.pdf   | 184  |
| 20483 | 27/11/12  | Vision 2D en robotique.pdf                                | 399  |
| 20484 | <b>Physique et technologies\Informatique et télécom\Systemes Architectures Sécurité</b> |   |      |
| 20485 | 27/11/12  | Annuaire standardisés.pdf                                 | 257  |
| 20486 | 27/11/12  | Applications distribuées en Java.pdf                      | 131  |
| 20487 | 09/12/13  | Architecture de réseau d'information des télécom TINA.pdf | 154  |
| 20488 | 27/11/12  | Architecture de systèmes de stockage.pdf                  | 695  |
| 20489 | 27/11/12  | Architecture des serveurs.pdf                             | 711  |
| 20490 | 27/11/12  | Architecture TCP-IP.pdf                                   | 226  |
| 20491 | 27/11/12  | Certification électronique et sécurité.pdf                | 176  |
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| 20493 | 27/11/12  | Communication et message avec MQSeries.pdf                | 179  |
| 20494 | 27/11/12  | Communication synchrone par RPC et RMI.pdf                | 293  |
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| 20499 | 27/11/12  | Gestion des flux d'informations - workflow.pdf            | 181  |
| 20500 | 27/11/12  | Intranet.pdf  | 395  |
| 20501 | 27/11/12  | Logiciels de contrôle et gestion de réseau.pdf            | 357  |
| 20502 | 27/11/12  | Messagerie électronique.pdf                               | 228  |
| 20503 | 27/11/12  | Modèle client-serveur.pdf                                 | 150  |
| 20504 | 27/11/12  | Paiement Internet sécurisé par protocole SET 22-09-23.pdf | 187  |
| 20505 | 27/11/12  | Performance des processeurs et systèmes.pdf               | 151  |
| 20506 | 27/11/12  | Programmation et systèmes transactionnels.pdf             | 205  |
| 20507 | 27/11/12  | Programmation par composants.pdf                          | 224  |

|       |  |   |      |
|-------|--|---|------|
| 20508 | 09/12/13   | Réseau numérique ... intégration de services (RNIS).pdf | 229  |
| 20509 | 27/11/12   | Réseaux câblés.pdf                                      | 133  |
| 20510 | 27/11/12   | Réseaux locaux.pdf                                      | 206  |
| 20511 | 27/11/12   | Routage dans les réseaux Internet.pdf                   | 127  |
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| 20513 | 27/11/12   | Sécurité d'Internet.pdf                                 | 280  |
| 20514 | 27/11/12   | Systèmes ... haute disponibilité - Concepts.pdf         | 140  |
| 20515 | 27/11/12   | Systèmes ... haute disponibilité - Solutions.pdf        | 176  |
| 20516 | 27/11/12   | Systèmes de gestion de bases de données.pdf             | 523  |
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| 20520 | 19/03/09   | Rapport LULI 2004.pdf                                   | 6997 |
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| 20528 | 19/11/12   | CAO Machine synchrone.pdf                               | 727  |
| 20529 | 20/10/12   | Commande numérique des moteurs synchrones.pdf           | 336  |
| 20530 | 20/10/12   | Convertisseur-moteur ... courant continu.pdf            | 1261 |
| 20531 | 07/09/12   | Convertisseurs photovoltaïques.pdf                      | 752  |
| 20532 | 07/10/14   | EMC Model of Low Voltage DC Motor.pdf                   | 443  |
| 20533 | 19/11/12   | Essais des machines tournantes.pdf                      | 546  |
| 20534 | 20/10/12   | Evolution des commandes numériques.pdf                  | 438  |
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| 20536 | 21/10/12   | Machines ... courant continu - Construction.pdf         | 562  |
| 20537 | 21/10/12   | Machines ... courant continu.pdf                        | 341  |
| 20538 | 21/10/12   | Machines asynchrones - Régime permanent.pdf             | 282  |
| 20539 | 21/10/12   | Machines asynchrones - Régimes quelconques.pdf          | 315  |
| 20540 | 21/10/12   | Machines électrostatiques.pdf                           | 1156 |
| 20541 | 21/10/12   | Machines synchrones - Excitation.pdf                    | 245  |
| 20542 | 19/11/12   | Machines tournantes - Conversion de l'énergie.pdf       | 300  |

|       |  |   |      |
|-------|--|---|------|
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| 20544 | 19/11/12   | Méthodes de calcul des inductances de fuites.pdf        | 258  |
| 20545 | 21/10/12   | Micromoteurs électrostatiques ... capa variable.pdf     | 301  |
| 20546 | 07/09/12   | Micropiles et microbatteries.pdf                        | 144  |
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| 20551 | 19/11/12   | Pertes dans les machines tournantes.pdf                 | 1006 |
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| 20553 | 07/09/12   | Piles ... combustible.pdf                               | 424  |
| 20554 | 07/09/12   | Piles électriques - Généralités.pdf                     | 215  |
| 20555 | 21/10/12   | Protections électriques des alternateurs et moteurs.pdf | 599  |
| 20556 | 19/11/12   | Refroidissement des machines tournantes.pdf             | 312  |
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| 20559 | 07/09/12   | Supercondensateurs.pdf                                  | 263  |
| 20560 | 20/10/12   | Systèmes triphasés - régime permanent.pdf               | 537  |
| 20561 | 21/10/12   | Turboalternateurs.pdf                                   | 778  |
| 20562 | <b>Physique et technologies\Machines électriques\Essais de matériels électriques</b> |   |      |
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| 20564 | 19/08/12   | Feu dans le matériel électrique.pdf                     | 270  |
| 20565 | 19/08/12   | Matériels électriques - Essais d'environnement.pdf      | 1312 |
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| 20572 | 12/11/08   | Grounding and Shielding - Morrison.pdf                  | 1318 |
| 20573 | 24/11/02   | Installation LIL.pdf                                    | 266  |
| 20574 | 20/11/14   | Shielding - Hubing.pdf                                  | 1941 |
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| 20577 | 07/12/13   | Fonctions aléatoires.pdf                                | 257  |

|       |  |   |     |
|-------|--|---|-----|
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| 20585 | 14/11/09   | Statistique descriptive traitement de données af167.pdf | 164 |
| 20586 | 07/09/12   | Transformées Laplace, Fourier et en Z.pdf               | 284 |
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| 20588 | 12/08/12   | Approximation des dérivées partielles.pdf               | 394 |
| 20589 | 12/08/12   | Automatique et systèmes.pdf                             | 317 |
| 20590 | 12/08/12   | Courbes et surfaces pour CFAO.pdf                       | 413 |
| 20591 | 12/08/12   | Distributions & équations aux dérivées partielles.pdf   | 528 |
| 20592 | 12/08/12   | Equations aux dérivées partielles.pdf                   | 168 |
| 20593 | 12/08/12   | Equations différentielles.pdf                           | 274 |
| 20594 | 12/08/12   | Equations intégrales.pdf                                | 113 |
| 20595 | 12/08/12   | Les fractales en Physique.pdf                           | 510 |
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| 20597 | 12/08/12   | Méthode des éléments finis.pdf                          | 455 |
| 20598 | 12/08/12   | Méthode équations intégrales sur le contour.pdf         | 257 |
| 20599 | 12/08/12   | Méthodes numériques de base.pdf                         | 356 |
| 20600 | 12/08/12   | Méthodes numériques en algèbre linéaire.pdf             | 341 |
| 20601 | 12/08/12   | Modèles et modélisation en électrotechnique.pdf         | 550 |
| 20602 | 12/08/12   | Probabilités - Concepts et résultats de base.pdf        | 434 |
| 20603 | 12/08/12   | Problèmes de dynamiques stochastiques.pdf               | 751 |
| 20604 | 12/08/12   | Problèmes en élasticité semi-classique.pdf              | 238 |
| 20605 | 12/08/12   | Relations entre probabilités et dérivées partielles.pdf | 321 |
| 20606 | 12/08/12   | Transformations fonctionnelles.pdf                      | 358 |
| 20607 | 12/08/12   | Vocabulaire des mathématiques.pdf                       | 322 |
| 20608 | <b>Physique et technologies\Mathématiques &amp; statistique\Mathématiques fondamentales</b>          |   |     |
| 20609 | 12/08/12   | Algèbre linéaire.pdf                                    | 222 |
| 20610 | 12/08/12   | Analyse combinatoire avancée.pdf                        | 399 |
| 20611 | 12/08/12   | Analyse combinatoire élémentaire.pdf                    | 370 |
| 20612 | 12/08/12   | Analyse complexe - Applications holomorphes.pdf         | 323 |

|       |  |  |      |
|-------|--|--|------|
| 20613 | 12/08/12   | Analyse fonctionnelle.pdf                          | 219  |
| 20614 | 12/08/12   | Analyse harmonique, distributions, convolution.pdf | 374  |
| 20615 | 12/08/12   | Asymptotisme des systèmes dynamiques.pdf           | 440  |
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| 20618 | 12/08/12   | Calcul matriciel.pdf                               | 257  |
| 20619 | 12/08/12   | Calcul tensoriel.pdf                               | 228  |
| 20620 | 12/08/12   | Corps R des nombres réels.pdf                      | 312  |
| 20621 | 12/08/12   | Cryptographie - Algorithmes.pdf                    | 228  |
| 20622 | 12/08/12   | Cryptographie - Bibliographie.pdf                  | 71   |
| 20623 | 12/08/12   | Cryptographie - Mathématiques.pdf                  | 269  |
| 20624 | 12/08/12   | Equations aux dérivées partielles linéaires.pdf    | 294  |
| 20625 | 12/08/12   | Equations différentielles linéaires.pdf            | 281  |
| 20626 | 12/08/12   | Fonctions eulériennes - Polynômes orthogonaux.pdf  | 413  |
| 20627 | 12/08/12   | Fonctions hypergéométriques et de Bessel.pdf       | 422  |
| 20628 | 12/08/12   | Fractions rationnelles et séries formelles.pdf     | 238  |
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| 20630 | 12/08/12   | Intégration.pdf                                    | 492  |
| 20631 | 12/08/12   | Introduction ... la logique floue.pdf              | 487  |
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| 20633 | 12/08/12   | Les bases d'ondelettes.pdf                         | 707  |
| 20634 | 12/08/12   | Mathématiques - Introduction.pdf                   | 47   |
| 20635 | 12/08/12   | Polynômes - Etude algébrique.pdf                   | 318  |
| 20636 | 12/08/12   | Présentation des systèmes dynamiques.pdf           | 248  |
| 20637 | 12/08/12   | Probabilités et statistiques.pdf                   | 1346 |
| 20638 | 12/08/12   | Quaternions - Rotations dans l'espace.pdf          | 154  |
| 20639 | 12/08/12   | Racines des polynômes.pdf                          | 272  |
| 20640 | 12/08/12   | Réduction des endomorphismes.pdf                   | 323  |
| 20641 | 12/08/12   | Séries de Fourier.pdf                              | 323  |
| 20642 | 12/08/12   | Statistiques.pdf                                   | 536  |
| 20643 | 12/08/12   | Théorie des applications holomorphes.pdf           | 227  |
| 20644 | 12/08/12   | Théorie des graphes.pdf                            | 411  |
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| 20646 | 12/08/12   | Variétés différentielles.pdf                       | 311  |
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|       |   |   |      |
|-------|---|---|------|
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| 20649 | 07/12/13                                  | Banques de données scientifiques.pdf                          | 340  |
| 20650 | 07/12/13                                  | Bruit dans les mesures électriques.pdf                        | 313  |
| 20651 | 07/12/13                                  | Bureau international des poids et mesures (BIPM).pdf          | 96   |
| 20652 | 07/12/13                                  | Capteurs ... fibres optiques.pdf                              | 1189 |
| 20653 | 07/12/13                                  | Capteurs chimiques et biochimiques.pdf                        | 407  |
| 20654 | 07/12/13                                  | Capteurs magnétorésistifs.pdf                                 | 239  |
| 20655 | 07/12/13                                  | Comité européen de normalisation CEN.pdf                      | 109  |
| 20656 | 07/12/13                                  | Commission internationale de l'éclairage (CIE).pdf            | 83   |
| 20657 | 07/12/13                                  | Erreurs de mesure.pdf   | 400  |
| 20658 | 07/12/13                                  | Etalons métrologiques fondamentaux.pdf                        | 216  |
| 20659 | 07/12/13                                  | Fonction comptage des appareils.pdf                           | 204  |
| 20660 | 07/12/13                                  | Instrumentation associée aux PC.pdf                           | 374  |
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| 20665 | 07/12/13                                  | Mesures par analyse d'image - Statistique.pdf                 | 417  |
| 20666 | 07/12/13                                  | Organisation internationale de normalisation - ISO.pdf        | 103  |
| 20667 | 07/12/13                                  | Organisations internationales de normalisation électrique.pdf | 132  |
| 20668 | 07/12/13                                  | Pesage - Réglementation - Instrumentation.pdf                 | 230  |
| 20669 | 07/12/13                                  | Réseaux de capteurs ... fibres optiques.pdf                   | 525  |
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| 20671 | 07/12/13                                  | Vocabulaire de la mesure.pdf                                  | 313  |
| 20672 | <b>Physique et technologies\Mécanique</b> |   |      |
| 20673 | 20/11/12                                  | Accouplements d'arbres.pdf                                    | 158  |
| 20674 | 20/11/12                                  | Accouplements élastiques.pdf                                  | 722  |
| 20675 | 20/11/12                                  | Analyse vibratoire des machines tournantes.pdf                | 322  |
| 20676 | 21/11/12                                  | Assemblages frettés.pdf                                       | 407  |
| 20677 | 21/11/12                                  | Assemblages par filetage - Calcul.pdf                         | 2034 |
| 20678 | 21/11/12                                  | Assemblages par filetage - Modélisation.pdf                   | 223  |
| 20679 | 21/11/12                                  | Assemblages par filetage - Technologie.pdf                    | 523  |
| 20680 | 20/11/12                                  | Automatisation pneumatique - Intro.pdf                        | 148  |
| 20681 | 20/11/12                                  | Automatisation pneumatique - Vérins.pdf                       | 592  |
| 20682 | 21/11/12                                  | Barres de torsion et stabilisateurs.pdf                       | 422  |

|       |          |   |      |
|-------|----------|---|------|
| 20683 | 21/11/12 | Boîtes de vitesses.pdf                              | 1547 |
| 20684 | 21/11/12 | Butées et paliers hydrodynamiques.pdf               | 1408 |
| 20685 | 21/11/12 | Butées et paliers hydrostatiques.pdf                | 672  |
| 20686 | 21/11/12 | CAO.pdf   | 385  |
| 20687 | 21/11/12 | Chaînes mécaniques.pdf                              | 1457 |
| 20688 | 21/11/12 | Comportement dynamique des ressorts.pdf             | 452  |
| 20689 | 21/11/12 | Concentration de contraintes.pdf                    | 371  |
| 20690 | 21/11/12 | Contacts mécaniques - Manifestations de l'usure.pdf | 328  |
| 20691 | 21/11/12 | Coussin d'air.pdf                                   | 958  |
| 20692 | 21/11/12 | Critères de choix d'un palier - Validation.pdf      | 657  |
| 20693 | 21/11/12 | Critères de choix d'un palier. - Présélection.pdf   | 570  |
| 20694 | 20/11/12 | Dynamique des rotors en flexion.pdf                 | 1581 |
| 20695 | 20/11/12 | Dynamique des structures - Analyse et essai.pdf     | 428  |
| 20696 | 21/11/12 | Engrenages - Définition dessin et calcul.pdf        | 2899 |
| 20697 | 20/11/12 | Equilibrage des rotors rigides et flexibles.pdf     | 571  |
| 20698 | 20/11/12 | Essais de vibrations - Mesures et résultats.pdf     | 309  |
| 20699 | 21/11/12 | Exemples d'utilisation des ressorts.pdf             | 188  |
| 20700 | 21/11/12 | Fatigue des surfaces.pdf                            | 498  |
| 20701 | 21/11/12 | Fatigue et rupture des pièces en alliage léger.pdf  | 518  |
| 20702 | 21/11/12 | Fonction Carter.pdf                                 | 138  |
| 20703 | 20/11/12 | Freinage - Freins ... disque.pdf                    | 964  |
| 20704 | 20/11/12 | Freinage - Organes de friction.pdf                  | 445  |
| 20705 | 20/11/12 | Freinage ... très hautes performances.pdf           | 889  |
| 20706 | 20/11/12 | Garnitures mécaniques - Montage et maintenance.pdf  | 245  |
| 20707 | 20/11/12 | Garnitures mécaniques - Technologie.pdf             | 411  |
| 20708 | 21/11/12 | Guidage linéaire.pdf                                | 365  |
| 20709 | 20/11/12 | Isolation antivibratoire et antichoc - 1.pdf        | 676  |
| 20710 | 20/11/12 | Isolation antivibratoire et antichoc - 2.pdf        | 785  |
| 20711 | 20/11/12 | Joints de cardan.pdf                                | 761  |
| 20712 | 20/11/12 | Joints homocinétiques.pdf                           | 654  |
| 20713 | 21/11/12 | Liaisons par obstacle - Données numériques.pdf      | 496  |
| 20714 | 21/11/12 | Liaisons par obstacle.pdf                           | 985  |
| 20715 | 20/11/12 | Liaisons rigides de deux arbres.pdf                 | 756  |
| 20716 | 21/11/12 | Maîtrise de l'usure et du frottement.pdf            | 153  |
| 20717 | 21/11/12 | Matériaux pour paliers lisses.pdf                   | 712  |



|       |          |   |      |
|-------|----------|---|------|
| 20718 | 21/11/12 | Mécanique de la rupture.pdf                               | 324  |
| 20719 | 21/11/12 | Modélisation des structures par éléments finis.pdf        | 142  |
| 20720 | 21/11/12 | Normalisation en construction mécanique.pdf               | 135  |
| 20721 | 21/11/12 | Pièces soudées - Calcul des assemblages.pdf               | 170  |
| 20722 | 21/11/12 | Pièces soudées - Comportement élastique.pdf               | 240  |
| 20723 | 21/11/12 | Pièces soudées - Conception des assemblages.pdf           | 393  |
| 20724 | 21/11/12 | Pièces soudées - Matériaux.pdf                            | 195  |
| 20725 | 21/11/12 | Pièces soudées - Rappels et définitions.pdf               | 152  |
| 20726 | 21/11/12 | Pièces soudées - Traitements thermiques et mécaniques.pdf | 196  |
| 20727 | 21/11/12 | Plastiques et composites en mécanique.pdf                 | 796  |
| 20728 | 21/11/12 | Poulies et courroies - Entraînement par adhérence.pdf     | 674  |
| 20729 | 21/11/12 | Poulies et courroies - Entraînement synchrone.pdf         | 488  |
| 20730 | 21/11/12 | Poulies et courroies de transmission - Formulaire.pdf     | 635  |
| 20731 | 21/11/12 | Présentation des mécanismes.pdf                           | 245  |
| 20732 | 21/11/12 | Réducteurs de vitesse ... engrenages.pdf                  | 1370 |
| 20733 | 21/11/12 | Résistance des matériaux - Organes de machines.pdf        | 1225 |
| 20734 | 21/11/12 | Ressorts - Clips et attaches.pdf                          | 91   |
| 20735 | 21/11/12 | Ressorts - Considérations générales.pdf                   | 487  |
| 20736 | 21/11/12 | Ressorts - Contraintes de flexion.pdf                     | 1192 |
| 20737 | 21/11/12 | Ressorts en caoutchouc.pdf                                | 147  |
| 20738 | 21/11/12 | Ressorts métalliques - Traction ou compression.pdf        | 292  |
| 20739 | 21/11/12 | Ressorts soumis ... une force coaxiale.pdf                | 856  |
| 20740 | 20/11/12 | Rotors en torsion - Amortisseurs.pdf                      | 144  |
| 20741 | 20/11/12 | Rotors en torsion - Excitations permanentes.pdf           | 147  |
| 20742 | 20/11/12 | Rotors en torsion - Fonctionnement.pdf                    | 252  |
| 20743 | 20/11/12 | Rotors en torsion - Inertie et raideur.pdf                | 347  |
| 20744 | 20/11/12 | Rotors en torsion - Introduction.pdf                      | 68   |
| 20745 | 21/11/12 | Roulements ... aiguilles.pdf                              | 1140 |
| 20746 | 21/11/12 | Roulements et butées ... billes et ... rouleaux.pdf       | 2804 |
| 20747 | 21/11/12 | Sélection des matériaux métalliques - Introduction.pdf    | 82   |
| 20748 | 21/11/12 | Sélection des matériaux métalliques.pdf                   | 290  |
| 20749 | 21/11/12 | Structures en matériaux composites.pdf                    | 512  |
| 20750 | 20/11/12 | Théorie du freinage.pdf                                   | 411  |
| 20751 | 20/11/12 | Transformation de mouvement ... contact local.pdf         | 1623 |
| 20752 | 21/11/12 | Transmission de puissance - Introduction.pdf              | 171  |

|       |   |  |      |
|-------|---|--|------|
| 20753 | 21/11/12  | Usure des contacts mécaniques - Définitions.pdf              | 193  |
| 20754 | 21/11/12  | Usure des contacts mécaniques - Tribologie.pdf               | 309  |
| 20755 | <b>Physique et technologies\Mécanique\Mesures dimensionnelles</b>     |  |      |
| 20756 | 06/12/13  | Calibres ... limites pour vérification des pièces lisses.pdf | 578  |
| 20757 | 06/12/13  | Contrôle des machines ... mesurer.pdf                        | 300  |
| 20758 | 06/12/13  | Contrôle dimensionnel en production de série.pdf             | 468  |
| 20759 | 06/12/13  | Contrôle et étalonnage des cales étalons.pdf                 | 579  |
| 20760 | 06/12/13  | Erreurs de forme et de position.pdf                          | 1053 |
| 20761 | 06/12/13  | Étalons de filetage et calculs d'incertitude.pdf             | 274  |
| 20762 | 06/12/13  | Instruments usuels de mesure de longueur.pdf                 | 457  |
| 20763 | 06/12/13  | Le GPS - Positionnement et surveillance.pdf                  | 150  |
| 20764 | 06/12/13  | Logiciels des mesures tridimensionnelles.pdf                 | 247  |
| 20765 | 06/12/13  | Mesures dimensionnelles par interférométrie laser.pdf        | 567  |
| 20766 | 06/12/13  | Mesures dimensionnelles par vision.pdf                       | 142  |
| 20767 | 06/12/13  | Métrologie des surfaces.pdf                                  | 284  |
| 20768 | 06/12/13  | Organisation d'un laboratoire d'étalonnage.pdf               | 248  |
| 20769 | 06/12/13  | Projecteurs de profil.pdf                                    | 336  |
| 20770 | <b>Physique et technologies\Mécanique\Mesures mécaniques</b>          |  |      |
| 20771 | 06/12/13  | Accélération.pdf   | 617  |
| 20772 | 06/12/13  | Accéléromètres inertiels.pdf                                 | 184  |
| 20773 | 06/12/13  | Capteurs ... jauges extensométriques.pdf                     | 720  |
| 20774 | 06/12/13  | Extensométrie.pdf  | 548  |
| 20775 | 06/12/13  | Force - Couple.pdf   | 643  |
| 20776 | 06/12/13  | Gyromètres optiques.pdf                                      | 294  |
| 20777 | 06/12/13  | Gyroscopes et gyromètres rotatifs.pdf                        | 208  |
| 20778 | 06/12/13  | Gyroscopes mécaniques vibrants.pdf                           | 161  |
| 20779 | 06/12/13  | Mesure des vitesses et circuits associés.pdf                 | 949  |
| 20780 | 06/12/13  | Photoélasticimétrie.pdf                                      | 434  |
| 20781 | 06/12/13  | Télémetre ... laser puce.pdf                                 | 147  |
| 20782 | 06/12/13  | Travail et puissance mécanique.pdf                           | 201  |
| 20783 | <b>Physique et technologies\Métallisation et projection thermique</b> |  |      |
| 20784 | 19/09/14  | La projection Arcfil.txt                                     | 1    |
| 20785 | 19/09/14  | La projection flamme.txt                                     | 2    |
| 20786 | 19/09/14  | La projection hypersonique.txt                               | 2    |
| 20787 | 19/09/14  | La projection plasma.txt                                     | 1    |

|       |   |  |      |
|-------|---|--|------|
| 20788 | 19/09/14  | La projection thermique.pdf                              | 455  |
| 20789 | 19/09/14  | Metallisation aluminium.pdf                              | 18   |
| 20790 | 19/09/14  | Metallisation aluminure de Ni.pdf                        | 18   |
| 20791 | 19/09/14  | Metallisation bronze.pdf                                 | 18   |
| 20792 | 19/09/14  | Metallisation Cuivre.pdf                                 | 18   |
| 20793 | 19/09/14  | Metallisation Molybdene.pdf                              | 18   |
| 20794 | 19/09/14  | Metallisation Ni-Cr.pdf                                  | 18   |
| 20795 | 19/09/14  | Metallisation Zn.pdf                                     | 18   |
| 20796 | 19/09/14  | Metallisation Zn-Al.pdf                                  | 19   |
| 20797 | 19/09/14  | Tableau Métallisation.pdf                                | 21   |
| 20798 | <b>Physique et technologies\Nanotechnologies et CEM</b> |  |      |
| 20799 | 21/11/14  | Broadband Metrology at the Nano-Scale.pdf                | 3035 |
| 20800 | 21/11/14  | Frequency Dispersion of Magnetic and Nanocomposites.pdf  | 1317 |
| 20801 | 21/11/14  | Graphene Interconnects for CMOS Nanoelectronics.pdf      | 1847 |
| 20802 | 21/11/14  | Introduction to Nano-EMC.pdf                             | 5140 |
| 20803 | 21/11/14  | Modelling and fabrication of graphene-polymer.pdf        | 3340 |
| 20804 | <b>Physique et technologies\Optique et Optronique</b>   |  |      |
| 20805 | 10/02/16  | 50 Gbit-s real-time test environment.pdf                 | 183  |
| 20806 | 07/12/13  | Activité optique.pdf                                     | 783  |
| 20807 | 07/02/12  | Ageing of white LEDs.pdf                                 | 1000 |
| 20808 | 14/08/12  | Anémomètre laser.pdf                                     | 212  |
| 20809 | 14/08/12  | Application du laser ... la granulométrie.pdf            | 299  |
| 20810 | 16/08/12  | Applications de magnéto-optique.pdf                      | 284  |
| 20811 | 14/08/12  | Applications industrielles de l'infrarouge.pdf           | 888  |
| 20812 | 25/02/15  | BBC283 Non-linear Opto-Electrical Transfer Functions.pdf | 316  |
| 20813 | 14/08/12  | Calcul optoélectronique.pdf                              | 393  |
| 20814 | 14/08/12  | Caméras thermiques.pdf                                   | 463  |
| 20815 | 07/12/13  | Capteurs ... fibres optiques ... réseaux de Bragg.pdf    | 400  |
| 20816 | 14/08/12  | Capteurs d'imagerie par satellite.pdf                    | 962  |
| 20817 | 14/08/12  | Caractérisation des autodirecteurs.pdf                   | 251  |
| 20818 | 14/08/12  | Caractérisation des systèmes infrarouges.pdf             | 659  |
| 20819 | 07/12/13  | Cinématographie ultra-rapide - Caméras électroniques.pdf | 504  |
| 20820 | 14/08/12  | Communication et guidage par laser.pdf                   | 259  |
| 20821 | 14/05/13  | Comptage QND de photons uniques.pdf                      | 1923 |
| 20822 | 14/08/12  | Conception de systèmes optroniques.pdf                   | 171  |

|       |          |   |      |
|-------|----------|---|------|
| 20823 | 14/08/12 | Contrôle des systèmes optiques.pdf                      | 951  |
| 20824 | 07/12/13 | Détecteurs de rayonnements optiques.pdf                 | 360  |
| 20825 | 14/08/12 | Détecteurs infrarouges.pdf                              | 1424 |
| 20826 | 14/08/12 | Détecteurs UV, visible et proche IR.pdf                 | 308  |
| 20827 | 12/08/12 | Diffusion des faisceaux laser par particules.pdf        | 211  |
| 20828 | 12/08/12 | Electromagnétisme des matériaux absorbants radar.pdf    | 221  |
| 20829 | 12/08/12 | Electromagnétisme des matériaux composites.pdf          | 397  |
| 20830 | 14/08/12 | Éléments de conception optique.pdf                      | 952  |
| 20831 | 07/12/13 | Enregistrement rapide des images - Introduction.pdf     | 506  |
| 20832 | 14/08/12 | Equipements de surveillance TV.pdf                      | 666  |
| 20833 | 06/02/15 | Fibre Sensor Applications.pdf                           | 548  |
| 20834 | 14/08/12 | Génération et détection d'ondes élastiques.pdf          | 878  |
| 20835 | 14/08/12 | Guidage des missiles par IR passif.pdf                  | 760  |
| 20836 | 07/02/12 | Highly Reliable Optocouplers.pdf                        | 156  |
| 20837 | 07/12/13 | Holographie optique - Interférométrie holographique.pdf | 765  |
| 20838 | 12/08/12 | Holographie optique - Principes.pdf                     | 383  |
| 20839 | 07/12/13 | Instruments optiques d'observation et de mesure.pdf     | 705  |
| 20840 | 14/08/12 | Intensificateurs de lumière.pdf                         | 176  |
| 20841 | 07/12/13 | Interférométrie de speckle.pdf                          | 301  |
| 20842 | 12/08/12 | Interférométrie holographique - Principes.pdf           | 383  |
| 20843 | 09/01/10 | Introduction to Computer Graphics.pdf                   | 1076 |
| 20844 | 12/08/12 | Laser de puissance - Traitement et utilisation.pdf      | 661  |
| 20845 | 12/08/12 | Lasers ... gaz.pdf                                      | 137  |
| 20846 | 12/08/12 | Lasers ... solides.pdf                                  | 178  |
| 20847 | 14/08/12 | Lidar de détection de pollution.pdf                     | 336  |
| 20848 | 14/08/12 | Lidars sous-marins.pdf                                  | 294  |
| 20849 | 14/08/12 | L'oeil et la vision.pdf                                 | 323  |
| 20850 | 12/08/12 | Matériaux en électromagnétisme.pdf                      | 69   |
| 20851 | 07/12/13 | Microscopie optique.pdf                                 | 290  |
| 20852 | 07/12/13 | Microscopie.pdf   | 203  |
| 20853 | 07/12/13 | Microscopies optiques ... balayage.pdf                  | 209  |
| 20854 | 12/08/12 | Modélisation EM des matériaux composites.pdf            | 245  |
| 20855 | 14/05/13 | One-Dimensional Solid Light Systems.pdf                 | 602  |
| 20856 | 12/08/12 | Optique cohérente - Traitement de l'information.pdf     | 1460 |
| 20857 | 12/08/12 | Optique des milieux matériels.pdf                       | 877  |

|       |   |  |      |
|-------|---|--|------|
| 20858 | 16/08/12  | Optique électronique (tubes hyperfréquences).pdf                 | 956  |
| 20859 | 12/08/12  | Optique géométrique.pdf  | 424  |
| 20860 | 12/08/12  | Optique ondulatoire - Interférences Diffraction Polarisation.pdf | 624  |
| 20861 | 12/08/12  | Optique quantitative - Photo Colori et Spectrométrie.pdf         | 562  |
| 20862 | 14/08/12  | Optroniques passive - Analyseur de ligne.pdf                     | 467  |
| 20863 | 07/02/12  | Permanent Damage in Optocouplers and LEDs.pdf                    | 271  |
| 20864 | 19/08/12  | Photo detector IC for Blu-ray-Disc applications.pdf              | 662  |
| 20865 | 12/08/12  | Physique du laser.pdf  | 148  |
| 20866 | 09/08/10  | PMT K3PGP utilisé en géophysique.pdf                             | 2694 |
| 20867 | 14/08/12  | Propagation du rayonnement dans l'atmosphère.pdf                 | 2467 |
| 20868 | 14/08/12  | Propagation du rayonnement dans matériaux.pdf                    | 321  |
| 20869 | 12/08/12  | Propagation guidée de la lumière.pdf                             | 442  |
| 20870 | 07/12/13  | Radiométrie - Photométrie.pdf                                    | 415  |
| 20871 | 14/08/12  | Radiométrie et sources non cohérentes.pdf                        | 643  |
| 20872 | 14/08/12  | Reconnaissance par imageurs.pdf                                  | 451  |
| 20873 | 14/08/12  | Réflexion - Réfraction - Diffraction.pdf                         | 627  |
| 20874 | 07/12/13  | Réfractométrie.pdf   | 596  |
| 20875 | 14/08/12  | Refroidissement des détecteurs optoélectroniques.pdf             | 639  |
| 20876 | 14/05/13  | Single photon quantum non-demolition measurements.pdf            | 818  |
| 20877 | 14/08/12  | Sources laser.pdf  | 730  |
| 20878 | 07/12/13  | Spectrométrie optique.pdf  | 1183 |
| 20879 | 07/12/13  | Spectroscopie photoacoustique.pdf                                | 267  |
| 20880 | 07/02/12  | Study and Modelling of Optocouplers Ageing.pdf                   | 337  |
| 20881 | 14/08/12  | Systèmes de liaisons spatiales par lasers.pdf                    | 199  |
| 20882 | 21/06/09  | Systèmes de liaisons spatiales par lasers-article.pdf            | 476  |
| 20883 | 14/08/12  | Systèmes optroniques semi-actifs.pdf                             | 742  |
| 20884 | 14/08/12  | Télémètre laser ... sécurité oculaire.pdf                        | 160  |
| 20885 | 13/11/09  | Télémètres laser e4300.pdf                                       | 102  |
| 20886 | 14/08/12  | Traitements d'images optroniques.pdf                             | 609  |
| 20887 | 19/08/12  | Uncooled VGA Infrared Focal Plane Array.pdf                      | 560  |
| 20888 | 14/08/12  | Veille et alerte IR.pdf  | 616  |
| 20889 | 14/08/12  | Visualisation de cockpit.pdf                                     | 1370 |
| 20890 | <b>Physique et technologies\Optique et Optronique\Mesures en optoélectronique</b> |  |      |
| 20891 | 07/12/13  | Les grandeurs optiques et leur mesure.pdf                        | 78   |
| 20892 | 07/12/13  | Mesures en photoréception.pdf                                    | 426  |

|       |   |   |      |
|-------|---|---|------|
| 20893 | 07/12/13  | Mesures sur les composants d'émission.pdf               | 344  |
| 20894 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\IQ synthèse et démodulation</b>            |   |      |
| 20895 | 01/03/13  | IQ oscillators - Tracking AM and FM Demodulators.pdf    | 277  |
| 20896 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\Mesures d'horloges</b>                     |   |      |
| 20897 | 23/12/13  | AN10028 Probing Oscillator Output.pdf                   | 846  |
| 20898 | 23/12/13  | AN10033 Frequency Measurement Guidelines.pdf            | 372  |
| 20899 | 26/04/13  | How to measure Phase and TIE Jitter-part1.pdf           | 581  |
| 20900 | 26/04/13  | How to measure Phase and TIE Jitter-part2.pdf           | 884  |
| 20901 | 26/04/13  | Silicon Oscillator Frequency Measurements.pdf           | 451  |
| 20902 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\Oscillateurs - conception</b>              |   |      |
| 20903 | 16/05/12  | Auvray - Les oscillateurs.pdf                           | 365  |
| 20904 | 01/03/13  | Bias Current Variation of Op Amp Oscillators.pdf        | 472  |
| 20905 | 18/08/12  | Clock generator with adaptive charge balancing.pdf      | 215  |
| 20906 | 18/11/15  | Development of Ultra-Precise Oscillators.pdf            | 224  |
| 20907 | 18/11/15  | Développement d'un oscillateur ... quartz.pdf           | 9434 |
| 20908 | 05/03/13  | Discussion of Barkhausen Criterion.pdf                  | 250  |
| 20909 | 30/08/13  | How MEMS Resonators Work.pdf                            | 2830 |
| 20910 | 26/03/07  | Initial Study of Clock Networks.pdf                     | 369  |
| 20911 | 16/05/12  | Les oscillateurs sinusoidaux.pdf                        | 150  |
| 20912 | 26/04/13  | Low Power MEMS Oscillator.pdf                           | 842  |
| 20913 | 30/08/13  | MEMS Technology and Advantages.pdf                      | 451  |
| 20914 | 26/04/13  | Silicon MEMS vs Quartz.pdf                              | 378  |
| 20915 | 25/07/13  | SiTime SiT153x 32kHz MCU nanodrive.pdf                  | 457  |
| 20916 | 01/03/13  | Traveling-wave Ring Resonator Meta-structure.pdf        | 231  |
| 20917 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\Oscillateurs ... faible bruit de phase</b> |   |      |
| 20918 | 02/09/07  | Low Phase-Noise Ramp Generator.pdf                      | 282  |
| 20919 | 25/01/16  | Measure Phase Noise Close to a Carrier Signal.pdf       | 187  |
| 20920 | 26/04/13  | MEMS Oscillator for 10GbE.pdf                           | 359  |
| 20921 | 02/05/15  | Oscillateurs Micro-ondes ... haute pureté spectrale.pdf | 3343 |
| 20922 | 08/06/13  | Oscillateurs micro-ondes.pdf                            | 3220 |
| 20923 | 09/06/13  | Oscillateurs YIG.pdf                                    | 324  |
| 20924 | 26/04/13  | Oscillator Reliability and Resilience.pdf               | 1597 |
| 20925 | 23/10/11  | Positive Feedback Push-Push Oscillator.pdf              | 352  |
| 20926 | 22/10/11  | Quartz and Atomic Clocks.pdf                            | 978  |
| 20927 | 22/10/11  | Quartz-tutorial.pdf                                     | 6686 |

|       |  |  |      |
|-------|--|--|------|
| 20928 | 09/06/13   | Résonateur Saphir Cryogénique.pdf                | 4671 |
| 20929 | 24/01/13   | SiT1618 High Temp Frequency Oscillator.pdf       | 239  |
| 20930 | 24/01/13   | SiT8918 High Temperature Oscillator.pdf          | 245  |
| 20931 | 24/01/13   | SiT8920 Military-Temperature Oscillator.pdf      | 239  |
| 20932 | 25/01/16   | Solutions for Reducing Phase Noise at RF.pdf     | 493  |
| 20933 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\Perturbations d'oscillateurs</b>            |  |      |
| 20934 | 23/04/13   | Instability of an Embedded Phase-Lock Loop.pdf   | 428  |
| 20935 | 13/01/14   | Nonlinear Responses of Microwave Oscillators.pdf | 349  |
| 20936 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\PLL et VCO</b>                              |  |      |
| 20937 | 28/11/10   | AM-FM Konversion in VCOs.pdf                     | 211  |
| 20938 | 17/04/03   | Bases des PLL.pdf                                | 17   |
| 20939 | 08/02/16   | Charge pump in 130nm SiGe BiCMOS for PLLs.pdf    | 327  |
| 20940 | 03/12/12   | Design of Phase Locked Loops.pdf                 | 120  |
| 20941 | 16/05/14   | EMI on a Microwave Phase-Locked Loop.pdf         | 690  |
| 20942 | 26/02/14   | Frequency Control Devices.pdf                    | 2709 |
| 20943 | 16/05/14   | From VCO to PLL to QPSK Receiver.pdf             | 335  |
| 20944 | 26/03/14   | Interference Effects on a HV VCO.pdf             | 622  |
| 20945 | 28/08/08   | KODRNJA Bruit des VCO.pdf                        | 757  |
| 20946 | 19/04/03   | Monolithic Phase-lock loop.pdf                   | 1205 |
| 20947 | 26/11/12   | Nonlinear analysis of PLL.pdf                    | 457  |
| 20948 | 28/11/10   | Non-linearity of charge-pump PLL.pdf             | 137  |
| 20949 | 17/04/03   | PLL Basics.PDF                                   | 47   |
| 20950 | 22/11/08   | PLL Concept.pdf                                  | 237  |
| 20951 | 26/11/12   | PLL Design Fundamentals - AN535.pdf              | 208  |
| 20952 | 15/07/11   | PLL design through the decades.pdf               | 335  |
| 20953 | 16/04/03   | PLL dynamics part2.pdf                           | 383  |
| 20954 | 17/04/03   | PLL Dynamics part3.pdf                           | 390  |
| 20955 | 26/11/12   | Practical PLL Design.pdf                         | 2087 |
| 20956 | 26/02/14   | Super PLL Application Guide.pdf                  | 369  |
| 20957 | 30/05/09   | X-Band low-phase-noise VCO.pdf                   | 503  |
| 20958 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\SSC (horloges ... étalement de spectre)</b> |  |      |
| 20959 | 20/01/05   | 3HM57 Group "R".pdf                              | 168  |
| 20960 | 28/06/11   | Clocking Strategies for EMI Reduction.pdf        | 462  |
| 20961 | 19/11/13   | Discontinuous Frequency Modulation for SSC.pdf   | 306  |
| 20962 | 06/09/11   | EMI and Spread Spectrum Technology.pdf           | 332  |

|       |  |  |      |
|-------|--|--|------|
| 20963 | 20/01/05   | EMI SSC AppNotes.pdf                                       | 189  |
| 20964 | 07/12/04   | EMI SSC.pdf  | 80   |
| 20965 | 20/01/05   | HD151TS304ARP.pdf  | 94   |
| 20966 | 20/01/05   | Intel AP-589.pdf   | 106  |
| 20967 | 01/07/09   | Low-Power and High-Precision SSC.pdf                       | 329  |
| 20968 | 20/01/05   | Maxim SSC.pdf  | 235  |
| 20969 | 10/10/14   | New Spread Spectrum Clocking Techniques.pdf                | 509  |
| 20970 | 03/09/07   | Optimal Modulation for Dithered Clock.pdf                  | 188  |
| 20971 | 05/05/09   | Pulse Core SSC IC.pdf                                      | 434  |
| 20972 | 07/12/04   | Spread Spectrum Technology.pdf                             | 139  |
| 20973 | 07/12/04   | Spread-Spectrum Clocking.pdf                               | 160  |
| 20974 | 18/11/05   | SSC & OFDM Radio.pdf                                       | 784  |
| 20975 | 01/09/07   | SSC Generator With Delay Cell.pdf                          | 491  |
| 20976 | 23/12/15   | SSC Programmable Linear Frequency Modulator.pdf            | 1153 |
| 20977 | 16/09/05   | sst-AN.pdf   | 494  |
| 20978 | 31/03/11   | Synchronization-Free SSC Generation Technique.pdf          | 710  |
| 20979 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\Synthèse de fréquence</b>       |  |      |
| 20980 | 17/04/03   | Bases de la DDS.pdf  | 8    |
| 20981 | 07/12/05   | Frequency Synthesis.pdf                                    | 114  |
| 20982 | 22/10/11   | Programmable Frequency Source.pdf                          | 221  |
| 20983 | <b>Physique et technologies\Oscillateurs, VCO, PLL, DDS et SSC\YIG</b>                         |  |      |
| 20984 | 17/02/10   | YIG HP journal 1975.pdf                                    | 2315 |
| 20985 | 15/02/10   | YIG Oscillators.pdf  | 3294 |
| 20986 | <b>Physique et technologies\Physique et expériences scientifiques</b>                          |  |      |
| 20987 | 07/09/12   | Système d'unités MKSA de Giorgi.pdf                        | 159  |
| 20988 | <b>Physique et technologies\Physique et expériences scientifiques\Détecteurs de particules</b> |  |      |
| 20989 | 27/02/13   | Capacity formulas in MWPC.pdf                              | 103  |
| 20990 | 27/02/13   | Resistive charge division in thermal neutron detection.pdf | 235  |
| 20991 | <b>Physique et technologies\Physique et expériences scientifiques\Etats de la matière</b>      |  |      |
| 20992 | 12/08/12   | Cristallographie géométrique.pdf                           | 1098 |
| 20993 | 12/08/12   | Cristaux liquides.pdf                                      | 486  |
| 20994 | 12/08/12   | Gaz ionisés et plasmas.pdf                                 | 335  |
| 20995 | 12/08/12   | Imperfections cristallines hors surface.pdf                | 664  |
| 20996 | 12/08/12   | La matière molle.pdf                                       | 403  |
| 20997 | 12/08/12   | Physisorption Chimisorption Ségrégation.pdf                | 754  |



|       |   |   |       |
|-------|---|---|-------|
| 20998 | 12/08/12  | Radiocristallographie.pdf                       | 320   |
| 20999 | 12/08/12  | Rayonnement des plasmas et raies spectrales.pdf | 348   |
| 21000 | 12/08/12  | Structure de surface des solides.pdf            | 281   |
| 21001 | 12/08/12  | Structure électronique des solides.pdf          | 886   |
| 21002 | 12/08/12  | Verres - Aspects théoriques.pdf                 | 202   |
| 21003 | 12/08/12  | Verres - Propriétés & applications.pdf          | 366   |
| 21004 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques</b>                     |   |       |
| 21005 | 01/07/15  | Analyse CEM préalable SuperNemo.pdf             | 3140  |
| 21006 | 13/01/10  | Astronomie de l'invisible V3.pdf                | 3613  |
| 21007 | 27/05/10  | Atlas policy Charoy.doc                         | 31    |
| 21008 | 27/05/10  | Atlas policy.1                                  | 12    |
| 21009 | 01/12/08  | Cosmic Ray Air Showers.pdf                      | 88    |
| 21010 | 22/01/08  | DIII-D Recent Physics Results.pdf               | 404   |
| 21011 | 17/11/05  | EMC in High Energy Physics.pdf                  | 32    |
| 21012 | 27/05/06  | EMC Issues of CMS.pdf                           | 767   |
| 21013 | 17/07/98  | Gnd.pdf   | 10    |
| 21014 | 06/11/04  | IEC 61000-5-02 {Ed1.0}.pdf                      | 556   |
| 21015 | 29/03/10  | Infos NIF.ppt                                   | 2750  |
| 21016 | 26/09/14  | Magnetic Field Measurement.pdf                  | 55    |
| 21017 | 16/04/08  | Science on the NIF.pdf                          | 198   |
| 21018 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\AGATA</b>               |   |       |
| 21019 | 05/03/09  | TDR EUJRA - AGATA.pdf                           | 11380 |
| 21020 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\Andromède</b>           |   |       |
| 21021 | 09/04/15  | Andromède - Etat d'avancement 2014.pdf          | 3315  |
| 21022 | 09/04/15  | Andromède - Information technique.pdf           | 3617  |
| 21023 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\ATLAS</b>               |   |       |
| 21024 | 05/11/04  | ATLAS EMC Policy V2.pdf                         | 226   |
| 21025 | 26/09/14  | ATLAS EMC POLICY.pdf                            | 224   |
| 21026 | 17/07/98  | ATLAS gnd note.pdf                              | 71    |
| 21027 | 17/07/98  | Atlas sct_ground.pdf                            | 65    |
| 21028 | 17/11/05  | ATLAS SEE.pdf                                   | 567   |
| 21029 | 17/07/98  | ATLAS tile cal.pdf                              | 24    |
| 21030 | 17/07/98  | ATLAS tile-cal.pdf                              | 24    |
| 21031 | 17/07/98  | Atlas trt ground plan.pdf                       | 71    |
| 21032 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\CEM des expériences</b> |   |       |

|       |   |  |      |
|-------|---|--|------|
| 21033 | 08/04/15  | AEMC - Le bruit externe des expérience.pdf         | 589  |
| 21034 | 09/04/15  | Alphonse Richard - Expérience CEM.pdf              | 516  |
| 21035 | 09/04/15  | CEM des expériences nucléaires.pdf                 | 135  |
| 21036 | 09/04/15  | CEM du batiment pour ISMO.pdf                      | 3117 |
| 21037 | 09/04/15  | CEM du projet SPIRAL2.pdf                          | 1230 |
| 21038 | 09/04/15  | EMC Qualification at AGATA.pdf                     | 3413 |
| 21039 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\CEM LHCb</b>    |  |      |
| 21040 | 27/05/10  | Critique documents LHCb.doc                        | 38   |
| 21041 | 10/11/04  | Grounding_network_LHCb.pdf                         | 1901 |
| 21042 | 11/11/04  | LHCB-2004-039.pdf                                  | 680  |
| 21043 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\CERN et LHC</b> |  |      |
| 21044 | 26/06/07  | CERN - LHC - EMC.pdf                               | 4853 |
| 21045 | 05/11/04  | CERN C1_E.pdf                                      | 156  |
| 21046 | 01/12/08  | CERN Power Conversion.pdf                          | 2273 |
| 21047 | 06/11/04  | CERN Voltage domains IS33.pdf                      | 42   |
| 21048 | 01/12/08  | Etude Impact LHC.pdf                               | 4073 |
| 21049 | 26/09/14  | Ironless inductive position sensor for the LHC.pdf | 798  |
| 21050 | 26/09/14  | LHC Instrumentation Susceptibility.pdf             | 924  |
| 21051 | 26/09/14  | LHCb Magnet.pdf                                    | 2880 |
| 21052 | 06/11/04  | LHC-E-EN-0001-10-00.pdf                            | 1076 |
| 21053 | 11/09/09  | LHC-Planning réactualisé-05-09-2009.pdf            | 312  |
| 21054 | 21/02/04  | Radiations CERN.pdf                                | 410  |
| 21055 | 06/11/04  | Szoncso EMC course.pdf                             | 32   |
| 21056 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\CMS</b>         |  |      |
| 21057 | 26/09/14  | EMC immunity test results of HCAL FEE..pdf         | 173  |
| 21058 | 06/03/04  | Front-End Susceptibility Analysis.pdf              | 350  |
| 21059 | 26/09/14  | Noise level EMC Europe 2004.pdf                    | 173  |
| 21060 | 09/09/07  | Radiation effects in CMS.pdf                       | 656  |
| 21061 | 26/09/14  | Silicon Strip Tracker Detectors.pdf                | 1161 |
| 21062 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\DESY</b>        |  |      |
| 21063 | 26/09/14  | Diagnostics for high-intensity hadron beams.pdf    | 1489 |
| 21064 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\HESS</b>        |  |      |
| 21065 | 13/11/10  | HESS - High Energy Stereoscopic System.pdf         | 1365 |
| 21066 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\ILL</b>         |  |      |
| 21067 | 14/02/11  | Présentation de l'ILL.pdf                          | 854  |

|       |   |  |      |
|-------|---|--|------|
| 21068 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\ITER</b>  |  |      |
| 21069 | 05/01/09  | B_stray.ppt  | 1794 |
| 21070 | 27/09/07  | B_Stray_Memo_070803.pdf  | 1058 |
| 21071 | 25/10/10  | Fisica_Reactores_Tema_6 (2).ppt                                | 8218 |
| 21072 | 20/06/13  | ITER Induction continue.ppt                                    | 1807 |
| 21073 | 26/09/14  | ITER Magnets' Structures.pdf                                   | 321  |
| 21074 | 30/11/10  | ITER4 Szoncso.ppt  | 6181 |
| 21075 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\LIGO</b>  |  |      |
| 21076 | 03/03/16  | Binary Black Hole Merger.pdf                                   | 928  |
| 21077 | 03/03/16  | Gravitational Wave - Needle in a Haystack.pdf                  | 606  |
| 21078 | 03/03/16  | Gravitational Waves and LIGO.pdf                               | 2999 |
| 21079 | 03/03/16  | LIGO Detector.pdf  | 1615 |
| 21080 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\LINAC</b> |  |      |
| 21081 | 23/10/15  | LINAC Synchrotron MAX IV electromagnets armco polar pieces.pdf | 1145 |
| 21082 | <b>Physique et technologies\Physique et expériences scientifiques\Expériences scientifiques\LMJ</b>   |  |      |
| 21083 | 16/10/14  | Target charging in short-pulse-laser-plasma experiments.pdf    | 972  |
| 21084 | <b>Physique et technologies\Physique et expériences scientifiques\Mécanique\Calcul des structures</b> |  |      |
| 21085 | 12/08/12  | Calcul des structures.pdf                                      | 68   |
| 21086 | 12/08/12  | Charges limites des plaques minces.pdf                         | 644  |
| 21087 | 12/08/12  | Déformations et contraintes dans un milieu continu.pdf         | 229  |
| 21088 | 12/08/12  | Méthodes de calcul des structures élastiques.pdf               | 372  |
| 21089 | 12/08/12  | Plaques minces élastiques.pdf                                  | 465  |
| 21090 | 12/08/12  | Théorie de la plasticité.pdf                                   | 422  |
| 21091 | 12/08/12  | Théorie de l'élasticité.pdf                                    | 564  |
| 21092 | 12/08/12  | Voiles minces.pdf  | 602  |
| 21093 | <b>Physique et technologies\Physique et expériences scientifiques\Mécanique\Mécanique générale</b>    |  |      |
| 21094 | 12/08/12  | Cinématique générale.pdf                                       | 1473 |
| 21095 | 12/08/12  | Développement de la cinématique.pdf                            | 1794 |
| 21096 | 12/08/12  | Dynamique - étude des états.pdf                                | 625  |
| 21097 | 12/08/12  | Dynamique - Optimisation.pdf                                   | 654  |
| 21098 | 12/08/12  | Dynamique - théorie classique du choc.pdf                      | 363  |
| 21099 | 12/08/12  | Dynamique - Théorie des machines.pdf                           | 455  |
| 21100 | 12/08/12  | Dynamique générale - Forme analytique.pdf                      | 559  |
| 21101 | 12/08/12  | Dynamique générale - Forme vectorielle.pdf                     | 881  |
| 21102 | 12/08/12  | Mécanique des gyroscopes.pdf                                   | 474  |

|       |   |   |      |
|-------|---|---|------|
| 21103 | 12/08/12  | Mécanique des milieux continus.pdf                  | 503  |
| 21104 | 12/08/12  | Méthode d'étude mécanique.pdf                       | 169  |
| 21105 | <b>Physique et technologies\Physique et expériences scientifiques\Mécanique\Vibrations</b>    |   |      |
| 21106 | 12/08/12  | Aéroacoustique et hydroacoustique.pdf               | 551  |
| 21107 | 12/08/12  | Vibrations.pdf                                      | 2147 |
| 21108 | <b>Physique et technologies\Physique et expériences scientifiques\Mécanique des fluides</b>   |   |      |
| 21109 | 12/08/12  | Écoulements diphasiques - Lois générales.pdf        | 206  |
| 21110 | 12/08/12  | Écoulements diphasiques gaz-liquide.pdf             | 1217 |
| 21111 | 12/08/12  | Écoulements diphasiques.pdf                         | 120  |
| 21112 | 12/08/12  | Écoulements instationnaires.pdf                     | 359  |
| 21113 | 12/08/12  | Fluides non-newtoniens.pdf                          | 667  |
| 21114 | 12/08/12  | Mécanique des fluides.pdf                           | 1090 |
| 21115 | 22/11/12  | Mélange des milieux pâteux - rhéologie complexe.pdf | 243  |
| 21116 | 12/08/12  | Visualisation - Introduction.pdf                    | 90   |
| 21117 | 12/08/12  | Visualisation par diffusion de la lumière.pdf       | 433  |
| 21118 | 12/08/12  | Visualisation par variation d'indice.pdf            | 594  |
| 21119 | <b>Physique et technologies\Physique et expériences scientifiques\Missions spatiales</b>      |   |      |
| 21120 | 04/06/15  | EEE for Orion Mars-Moon Capsule.pdf                 | 4064 |
| 21121 | <b>Physique et technologies\Physique et expériences scientifiques\Phénomènes couplés</b>      |   |      |
| 21122 | 16/08/12  | Arc électrique.pdf                                  | 492  |
| 21123 | 16/08/12  | Écoulement d'un métal liquide en champ H.pdf        | 1491 |
| 21124 | 16/08/12  | Mouvement d'un fluide en champ E.pdf                | 231  |
| 21125 | <b>Physique et technologies\Physique et expériences scientifiques\Physique fondamentale</b>   |   |      |
| 21126 | 12/08/12  | Physique - Introduction.pdf                         | 40   |
| 21127 | 27/02/13  | Antigravity Van Esch.pdf                            | 103  |
| 21128 | 16/05/13  | Constantes physiques.pdf                            | 109  |
| 21129 | 27/02/13  | Everett Van Esch.pdf                                | 161  |
| 21130 | 29/09/13  | Is Planck's Constant - A Cosmological Variable?.pdf | 79   |
| 21131 | 16/05/13  | Planck - théorie quantique.pdf                      | 204  |
| 21132 | 16/07/14  | The Evolution of Maxwell's Equations.pdf            | 332  |
| 21133 | <b>Physique et technologies\Physique et expériences scientifiques\Structure de la matière</b> |   |      |
| 21134 | 12/08/12  | Interaction du rayonnement avec la matière.pdf      | 1053 |
| 21135 | 12/08/12  | Interaction particules-matière - Détecteurs.pdf     | 242  |
| 21136 | 12/08/12  | Interaction particules-matière - Statistiques.pdf   | 141  |
| 21137 | 12/08/12  | Interaction particules-matière - Théorie.pdf        | 203  |

|       |   |   |      |
|-------|---|---|------|
| 21138 | 12/08/12  | Mécanique quantique.pdf                                   | 674  |
| 21139 | 12/08/12  | Particules élémentaires et interactions fondamentales.pdf | 475  |
| 21140 | 12/08/12  | Physique du noyau de l'atome.pdf                          | 452  |
| 21141 | 12/08/12  | Systèmes polyélectroniques - Les molécules.pdf            | 1634 |
| 21142 | 12/08/12  | Systèmes polyélectroniques modèles.pdf                    | 543  |
| 21143 | <b>Physique et technologies\Supraconductivité</b>   |   |      |
| 21144 | 21/10/12  | Limiteurs supraconducteurs.pdf                            | 286  |
| 21145 | 21/10/12  | Machines cryoélectriques.pdf                              | 933  |
| 21146 | <b>Physique et technologies\Tables et documents de références</b>                                 |   |      |
| 21147 | 11/07/11  | 1 per cent Resistors.pdf                                  | 14   |
| 21148 | 28/09/08  | Electromagnetic Field Theory_2001.pdf                     | 831  |
| 21149 | 22/03/09  | electromagnetic_bands.pdf                                 | 45   |
| 21150 | 11/07/11  | Element heat capacity.pdf                                 | 7    |
| 21151 | 11/07/11  | Element magnetic susceptibility.pdf                       | 62   |
| 21152 | 11/07/11  | Element melting boiling & critical point.pdf              | 9    |
| 21153 | 11/07/11  | Metal & alloy data.pdf                                    | 10   |
| 21154 | 11/07/11  | Molten Element density.pdf                                | 17   |
| 21155 | 13/11/09  | r270 Tables statistiques.pdf                              | 476  |
| 21156 | 22/03/09  | Smith Chart.pdf   | 380  |
| 21157 | 03/08/08  | smithchart.pdf  | 67   |
| 21158 | 14/10/11  | Tables de lois de probabilités usuelles.pdf               | 82   |
| 21159 | 07/12/13  | Tables statistiques.pdf                                   | 476  |
| 21160 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Assemblage &amp; soudage</b> |   |      |
| 21161 | 11/08/12  | Agrafage Sertissage Rivetage.pdf                          | 680  |
| 21162 | 11/08/12  | Brasage.pdf   | 336  |
| 21163 | 11/08/12  | Procédés de soudage - critères de choix.pdf               | 186  |
| 21164 | 11/08/12  | Simulation du soudage par résistance.pdf                  | 253  |
| 21165 | 11/08/12  | Soudage ... la flamme.pdf                                 | 161  |
| 21166 | 11/08/12  | Soudage ... l'arc.pdf                                     | 884  |
| 21167 | 11/08/12  | Soudage automatique.pdf                                   | 768  |
| 21168 | 11/08/12  | Soudage des tôles revêtues.pdf                            | 216  |
| 21169 | 11/08/12  | Soudage laser de puissance.pdf                            | 162  |
| 21170 | 11/08/12  | Soudage MIG-MAG pulsés.pdf                                | 58   |
| 21171 | 11/08/12  | Soudage par faisceaux ... haute énergie.pdf               | 991  |
| 21172 | 11/08/12  | Soudage par friction.pdf                                  | 247  |

|       |  |   |      |
|-------|--|---|------|
| 21173 | 11/08/12   | Soudage par résistance.pdf                                    | 992  |
| 21174 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Machine-outil</b>                     |   |      |
| 21175 | 12/08/12   | Brocheuses.pdf  | 660  |
| 21176 | 12/08/12   | Commande numérique des M-O.pdf                                | 1005 |
| 21177 | 12/08/12   | Fraisage des métaux ... très grande vitesse.pdf               | 522  |
| 21178 | 12/08/12   | Fraiseuses et centres d'usinage.pdf                           | 1445 |
| 21179 | 12/08/12   | Machine-outil - Exemples.pdf                                  | 530  |
| 21180 | 12/08/12   | Machine-outil - Présentation.pdf                              | 283  |
| 21181 | 12/08/12   | Machine-outil - Principaux organes.pdf                        | 1099 |
| 21182 | 12/08/12   | Machine-outil - Systèmes de fabrication.pdf                   | 290  |
| 21183 | 12/08/12   | Mécanique en robotique.pdf                                    | 791  |
| 21184 | 12/08/12   | Modélisation des métaux ... grande vitesse de déformation.pdf | 194  |
| 21185 | 12/08/12   | Taillage et rectification des engrenages.pdf                  | 512  |
| 21186 | 12/08/12   | Usinage ... grande vitesse.pdf                                | 793  |
| 21187 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Matériel et outillage de chantier</b> |   |      |
| 21188 | 27/10/12   | Echafaudages.pdf  | 713  |
| 21189 | 27/10/12   | Electricité de chantier.pdf                                   | 622  |
| 21190 | 27/10/12   | Manutentions lourdes - Technologie et mise en oeuvre.pdf      | 471  |
| 21191 | 27/10/12   | Pompes de chantier - Mise en oeuvre et caractéristiques.pdf   | 168  |
| 21192 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Par enlèvement de copeaux</b>         |   |      |
| 21193 | 12/08/12   | Abrasifs.pdf  | 1102 |
| 21194 | 12/08/12   | Données numériques pour outils de coupe.pdf                   | 200  |
| 21195 | 12/08/12   | Endommagement des outils de coupe.pdf                         | 643  |
| 21196 | 12/08/12   | Estimation des co-ts en mécanique.pdf                         | 196  |
| 21197 | 12/08/12   | Fluides de coupe - Rejets.pdf                                 | 255  |
| 21198 | 12/08/12   | Fluides de coupe - Rôle et classification.pdf                 | 201  |
| 21199 | 12/08/12   | Fraisage - Etude de cas.pdf                                   | 371  |
| 21200 | 12/08/12   | Fraisage - Principales opérations.pdf                         | 482  |
| 21201 | 12/08/12   | Fraisage - Principes.pdf                                      | 317  |
| 21202 | 12/08/12   | Matériaux pour outils de coupe.pdf                            | 207  |
| 21203 | 12/08/12   | Modélisation de la coupe des métaux.pdf                       | 322  |
| 21204 | 12/08/12   | Outils coupants - Brochage.pdf                                | 764  |
| 21205 | 12/08/12   | Outils coupants - Taillage des roues coniques.pdf             | 383  |
| 21206 | 12/08/12   | Outils coupants - Taillage des roues cylindriques.pdf         | 793  |
| 21207 | 12/08/12   | Perçage.pdf   | 544  |

|       |   |   |      |
|-------|---|---|------|
| 21208 | 12/08/12  | Physique de la coupe des métaux.pdf                     | 130  |
| 21209 | 12/08/12  | Sciage.pdf  | 187  |
| 21210 | 12/08/12  | Tournage.pdf  | 692  |
| 21211 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Technologies de semi-conducteurs</b> |   |      |
| 21212 | 30/05/09  | Bias temperature stress on SRAM.pdf                     | 105  |
| 21213 | 30/05/09  | Bipolar Transistor CAD-optimization.pdf                 | 104  |
| 21214 | 16/08/12  | Circuits intégrés CMOS sur silicium.pdf                 | 326  |
| 21215 | 16/08/12  | Circuits intégrés silicium bipolaires.pdf               | 878  |
| 21216 | 17/11/05  | DOD Technologies List.pdf                               | 1896 |
| 21217 | 10/01/12  | Flip Chip at Aspen Technologies.pdf                     | 217  |
| 21218 | 30/05/09  | Gate tunneling currents on switched caps.pdf            | 203  |
| 21219 | 30/05/09  | HV single-crystal silicon LDMOS.pdf                     | 639  |
| 21220 | 16/11/05  | Immersed Objects.pdf                                    | 412  |
| 21221 | 30/05/09  | Independent Double Gate Transistors.pdf                 | 208  |
| 21222 | 16/08/12  | Introduction ... l'architecture d'ASIC.pdf              | 184  |
| 21223 | 16/08/12  | Langages pour conception de circuits intégrés.pdf       | 300  |
| 21224 | 16/08/12  | Matériaux S-C ... grand gap en SiC.pdf                  | 230  |
| 21225 | 16/08/12  | Matériaux S-C ... grand gap III-V ... base de GaN.pdf   | 341  |
| 21226 | 16/08/12  | Microprocesseurs - Approche générale.pdf                | 200  |
| 21227 | 16/08/12  | Microprocesseurs - Architecture et performances.pdf     | 199  |
| 21228 | 16/08/12  | Microprocesseurs - Mise en oeuvre.pdf                   | 233  |
| 21229 | 16/08/12  | Microsystèmes électroniques.pdf                         | 439  |
| 21230 | 16/08/12  | Processeurs de traitement numérique du signal (DSP).pdf | 287  |
| 21231 | 18/08/12  | Single-ended read-ports of SRAM cells.pdf               | 301  |
| 21232 | 16/08/12  | Système complet sur puce - Réutilisation de blocs.pdf   | 108  |
| 21233 | 16/08/12  | Transistor MOS et technologie de fabrication.pdf        | 525  |
| 21234 | 16/08/12  | Transistors bipolaires intégrés.pdf                     | 248  |
| 21235 | 16/08/12  | Transistors et CI ... hétérostructures (III-V).pdf      | 225  |
| 21236 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Travail des métaux en feuilles</b>   |   |      |
| 21237 | 11/08/12  | Conception d'une gamme d'emboutissage.pdf               | 605  |
| 21238 | 11/08/12  | Découpage fin.pdf                                       | 1069 |
| 21239 | 11/08/12  | Découpage Poinçonnage.pdf                               | 1268 |
| 21240 | 11/08/12  | Electroformage.pdf                                      | 242  |
| 21241 | 11/08/12  | Formage ... la presse - Formulaires.pdf                 | 1391 |
| 21242 | 11/08/12  | Formage ... la presse.pdf                               | 1368 |

|       |  |  |      |
|-------|--|--|------|
| 21243 | 11/08/12   | Formage des tôles fortes.pdf                     | 2792 |
| 21244 | 11/08/12   | Formage électrohydraulique.pdf                   | 398  |
| 21245 | 11/08/12   | Formage électromagnétique.pdf                    | 1059 |
| 21246 | 11/08/12   | Formage par explosif.pdf                         | 399  |
| 21247 | 11/08/12   | Presses.pdf                                      | 2563 |
| 21248 | 11/08/12   | Profilage.pdf                                    | 181  |
| 21249 | 11/08/12   | Soudage ... l'arc électrique.pdf                 | 297  |
| 21250 | 11/08/12   | Tôles pour mise en forme.pdf                     | 175  |
| 21251 | 11/08/12   | Tribologie de l'emboutissage.pdf                 | 1235 |
| 21252 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Usinage des matériaux non métalliques</b> |  |      |
| 21253 | 12/08/12   | Mise en oeuvre du bois.pdf                       | 508  |
| 21254 | 12/08/12   | Usinage des composites polymère.pdf              | 167  |
| 21255 | 12/08/12   | Usinage des polymères.pdf                        | 176  |
| 21256 | 12/08/12   | Usinage du bois - Hygiène et sécurité.pdf        | 104  |
| 21257 | 12/08/12   | Usinage du bois - Lois générales.pdf             | 761  |
| 21258 | 12/08/12   | Usinage du bois - Principales opérations.pdf     | 808  |
| 21259 | 12/08/12   | Usinage du bois sans outil tranchant.pdf         | 375  |
| 21260 | <b>Physique et technologies\Technologies &amp; travail des matériaux\Usinages</b>                              |  |      |
| 21261 | 11/08/12   | Ateliers flexibles d'usinage.pdf                 | 382  |
| 21262 | 11/08/12   | Conception des gammes d'usinage.pdf              | 1357 |
| 21263 | 11/08/12   | Cotation fonctionnelle.pdf                       | 260  |
| 21264 | 11/08/12   | Coupage thermique ou au jet d'eau.pdf            | 603  |
| 21265 | 11/08/12   | Micro-usinage des matériaux monocristallins.pdf  | 511  |
| 21266 | 11/08/12   | Procédés d'usinage - Présentation.pdf            | 599  |
| 21267 | 11/08/12   | Prototypage rapide - Généralités.pdf             | 188  |
| 21268 | 11/08/12   | Tolérances et états de surface.pdf               | 1420 |
| 21269 | 11/08/12   | Usinage chimique.pdf                             | 400  |
| 21270 | 11/08/12   | Usinage des matériaux ... faible usinabilité.pdf | 130  |
| 21271 | 11/08/12   | Usinage électrochimique.pdf                      | 1083 |
| 21272 | 11/08/12   | Usinage par électroérosion.pdf                   | 733  |
| 21273 | 11/08/12   | Usinage par extrusion de pâte abrasive.pdf       | 237  |
| 21274 | 11/08/12   | Usinage par ultrasons.pdf                        | 595  |
| 21275 | <b>Physique et technologies\Temps-Fréquence</b>  |  |      |
| 21276 | 17/08/06   | 7 years NIST Clock.pdf                           | 473  |
| 21277 | 17/08/06   | Accurate Time Measurement.pdf                    | 2217 |



|       |          |   |       |
|-------|----------|---|-------|
| 21278 | 17/08/06 | AM versus PM Noise.pdf                            | 145   |
| 21279 | 17/08/06 | Beat Frequency Diode Detection.pdf                | 133   |
| 21280 | 17/08/06 | Cesium Standard Uncertainty.pdf                   | 177   |
| 21281 | 17/08/06 | Cross Correlation Analysis.pdf                    | 159   |
| 21282 | 17/08/06 | Frequency Standard Error Analysis.pdf             | 117   |
| 21283 | 17/06/07 | Frequency Standards.pdf                           | 159   |
| 21284 | 17/08/06 | Fundamentals of T & F.pdf                         | 307   |
| 21285 | 16/06/07 | GPS & TWSTFT Clocks Comparison.pdf                | 113   |
| 21286 | 17/08/06 | Improved Rubidium Frequency.pdf                   | 277   |
| 21287 | 17/08/06 | Laser-cooled Positron Source.pdf                  | 220   |
| 21288 | 17/08/06 | Laser-Pumped Rubidium.pdf                         | 137   |
| 21289 | 07/12/13 | Mesure mécanique et électronique du temps.pdf     | 671   |
| 21290 | 07/12/13 | Métrologie du temps et des fréquences.pdf         | 785   |
| 21291 | 05/03/13 | New Time and Frequency Laboratory.pdf             | 251   |
| 21292 | 03/06/07 | Nippon Atomic Frequency Standard.pdf              | 209   |
| 21293 | 12/11/11 | NIST 453 Time and Frequency Calibration.pdf       | 1730  |
| 21294 | 16/08/06 | NIST Frequency Measurement.pdf                    | 2649  |
| 21295 | 17/08/06 | NIST Time Measurement Service.pdf                 | 624   |
| 21296 | 17/08/06 | NIST Traceable Time.pdf                           | 422   |
| 21297 | 17/08/06 | NIST-USNO Time Comparisons.pdf                    | 254   |
| 21298 | 05/03/13 | Observations of New Time scale of NPLI.pdf        | 231   |
| 21299 | 17/08/06 | Passive Hydrogen Maser.pdf                        | 271   |
| 21300 | 21/11/14 | Physical Basis for Time Reversal in EM.pdf        | 1171  |
| 21301 | 17/08/06 | PM & AM Noise at 5 & 100 MHz.pdf                  | 248   |
| 21302 | 17/08/06 | Quantum Projection Noise.pdf                      | 541   |
| 21303 | 17/06/07 | Rb frequency standard.pdf                         | 192   |
| 21304 | 17/08/06 | Reducing LO Phase Noise.pdf                       | 120   |
| 21305 | 19/08/12 | Remote atomic clock synchronization.pdf           | 189   |
| 21306 | 17/08/06 | Review of Atomic F Standards.pdf                  | 563   |
| 21307 | 17/08/06 | Servo Techniques in Oscillators.pdf               | 472   |
| 21308 | 17/08/13 | Shock & Vibration of Atomic Clock Chip (CSAC).pdf | 12348 |
| 21309 | 05/03/13 | Status of the French Atomic Time Scales TA(F).pdf | 278   |
| 21310 | 17/08/06 | The Atomic Clock.pdf                              | 500   |
| 21311 | 03/06/07 | Time & Frequency Transfer.pdf                     | 159   |
| 21312 | 17/08/06 | Time & PM Noise Measurements.pdf                  | 214   |

|       |  |   |      |
|-------|--|---|------|
| 21313 | 01/06/07   | Time Transfer Methodologies.pdf                             | 54   |
| 21314 | 05/03/13   | Timing in Telecommunications Networks.pdf                   | 175  |
| 21315 | 28/01/07   | Ultrawideband Signals Spectrum.pdf                          | 5029 |
| 21316 | 17/08/06   | US NIST Primary F Standard.pdf                              | 70   |
| 21317 | 17/08/06   | X-Band Devices AM & PM Noise.pdf                            | 253  |
| 21318 | <b>Physique et technologies\Thermique, température et mesures</b>  |   |      |
| 21319 | 10/02/16   | Temperature modeling and emulation of an ASIC.pdf           | 1568 |
| 21320 | 27/07/15   | Thermocouples and Temperature Measurement.pdf               | 201  |
| 21321 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Combustion</b>   |   |      |
| 21322 | 24/11/12   | Combustion en prémélange gazeux.pdf                         | 419  |
| 21323 | 24/11/12   | Flamme de diffusion laminaire.pdf                           | 270  |
| 21324 | 24/11/12   | Interaction entre turbulence et combustion.pdf              | 539  |
| 21325 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Isolation thermique</b>                                      |   |      |
| 21326 | 25/11/12   | Isolation thermique ... température ambiante - Physique.pdf | 419  |
| 21327 | 25/11/12   | Isolation thermique ... température ambiante.pdf            | 555  |
| 21328 | 25/11/12   | Isolation thermique industrielle.pdf                        | 592  |
| 21329 | 24/11/12   | Vitrages ... isolation thermique renforcée.pdf              | 150  |
| 21330 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Mesures thermiques\Mesures des grandeurs thermophysiques</b> |   |      |
| 21331 | 06/12/13   | Application des microcalorimètres.pdf                       | 375  |
| 21332 | 06/12/13   | Capacités thermiques.pdf                                    | 354  |
| 21333 | 06/12/13   | Conductivité et diffusivité thermique des solides.pdf       | 910  |
| 21334 | 06/12/13   | Conductivité thermique des isolants.pdf                     | 808  |
| 21335 | 06/12/13   | Fluxmètres thermiques.pdf                                   | 339  |
| 21336 | 06/12/13   | Introduction aux transferts thermiques.pdf                  | 70   |
| 21337 | 06/12/13   | Mesure de la conductivité thermique des fluides.pdf         | 516  |
| 21338 | 06/12/13   | Mesure des paramètres de l'air humide.pdf                   | 489  |
| 21339 | 06/12/13   | Mesures en météorologie.pdf                                 | 840  |
| 21340 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Mesures thermiques\Thermométrie</b>                          |   |      |
| 21341 | 06/12/13   | Couples thermoélectriques - Emploi.pdf                      | 347  |
| 21342 | 06/12/13   | Mesure de l'émissivité thermique.pdf                        | 414  |
| 21343 | 06/12/13   | Mesure des températures par méthodes repères.pdf            | 74   |
| 21344 | 06/12/13   | Mesure des températures.pdf                                 | 1062 |
| 21345 | 06/12/13   | Mesure locale de la température des fluides.pdf             | 513  |
| 21346 | 06/12/13   | Microscopie thermique ... balayage.pdf                      | 374  |
| 21347 | 06/12/13   | Pyrométrie optique.pdf                                      | 416  |

|       |  |   |      |
|-------|--|---|------|
| 21348 | 06/12/13   | Température de surface - Mesure par contact.pdf             | 287  |
| 21349 | 06/12/13   | Température de surface - Mesure radiative.pdf               | 477  |
| 21350 | 06/12/13   | Températures superficielles par cristaux liquides.pdf       | 253  |
| 21351 | 06/12/13   | Thermistances CTN et ... semi-conducteurs.pdf               | 676  |
| 21352 | 28/03/14   | Thermocouple Measurement.pdf                                | 245  |
| 21353 | 06/12/13   | Thermographie - Principes et mesure.pdf                     | 241  |
| 21354 | 06/12/13   | Thermographie - Technologies et applications.pdf            | 295  |
| 21355 | 06/12/13   | Thermomanomètres.pdf  | 294  |
| 21356 | 06/12/13   | Thermomètres ... dilatation de liquide dans le verre.pdf    | 233  |
| 21357 | 06/12/13   | Thermomètres ... résistance de Pt selon l'EIT-90.pdf        | 172  |
| 21358 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Mécanique des fluides</b>              |   |      |
| 21359 | 24/11/12   | Ecoulement des fluides - Analyse dimensionnelle.pdf         | 226  |
| 21360 | 24/11/12   | Ecoulement des fluides - Dynamique des fluides parfaits.pdf | 174  |
| 21361 | 24/11/12   | Ecoulement des fluides - Dynamique des fluides réels.pdf    | 310  |
| 21362 | 24/11/12   | Ecoulement des fluides - Ecoulements en conduites.pdf       | 278  |
| 21363 | 24/11/12   | Ecoulement des fluides - Equations de bilans.pdf            | 235  |
| 21364 | 24/11/12   | Ecoulement des fluides - Etude physique et cinématique.pdf  | 168  |
| 21365 | 24/11/12   | Ecoulements monodimensionnels des fluides compressibles.pdf | 579  |
| 21366 | 24/11/12   | Transmission de l'énergie thermique - Conduction.pdf        | 300  |
| 21367 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Pression atmosphérique et effets</b>   |   |      |
| 21368 | 27/11/15   | Altitude correction factors.pdf                             | 160  |
| 21369 | 27/11/15   | Forced air cooling.pdf                                      | 172  |
| 21370 | 27/11/15   | High-Altitude Considerations.pdf                            | 564  |
| 21371 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Sources d'énergie &amp; chaudières</b> |   |      |
| 21372 | 25/11/12   | Automatisme et régulation des équipements thermiques.pdf    | 222  |
| 21373 | 24/11/12   | Biocarburants.pdf   | 112  |
| 21374 | 25/11/12   | Caloducs.pdf  | 794  |
| 21375 | 24/11/12   | Carburants liquides.pdf                                     | 276  |
| 21376 | 24/11/12   | Centrales ... lit fluidisé sous pression.pdf                | 939  |
| 21377 | 25/11/12   | Chauffage ... eau chaude sous pression.pdf                  | 568  |
| 21378 | 24/11/12   | Combustibles liquides.pdf                                   | 191  |
| 21379 | 24/11/12   | Conception des chaudières - Echangeurs.pdf                  | 711  |
| 21380 | 24/11/12   | Conception des chaudières - Foyer et circulation.pdf        | 1091 |
| 21381 | 24/11/12   | Conception des chaudières - Performances.pdf                | 338  |
| 21382 | 24/11/12   | Conception et calcul des chaudières - Généralités.pdf       | 481  |

|       |  |   |      |
|-------|--|---|------|
| 21383 | 25/11/12   | Condensation de mélanges de vapeurs - Transferts.pdf      | 189  |
| 21384 | 24/11/12   | Condenseurs par surface des centrales thermiques.pdf      | 1207 |
| 21385 | 25/11/12   | Echangeurs de chaleur - Définitions.pdf                   | 567  |
| 21386 | 25/11/12   | Echangeurs de chaleur - Description.pdf                   | 1051 |
| 21387 | 25/11/12   | Echangeurs de chaleur - Dimensionnement.pdf               | 434  |
| 21388 | 25/11/12   | Echangeurs de chaleur - Intensification des échanges.pdf  | 691  |
| 21389 | 25/11/12   | Echangeurs de chaleur - Problèmes de fonctionnement.pdf   | 396  |
| 21390 | 25/11/12   | Echangeurs de chaleur ... contact direct.pdf              | 475  |
| 21391 | 25/11/12   | Éléments de thermique des fours.pdf                       | 612  |
| 21392 | 24/11/12   | Energie géothermique.pdf                                  | 529  |
| 21393 | 24/11/12   | Energies éoliennes.pdf                                    | 633  |
| 21394 | 25/11/12   | Fours de cimenterie - Cuisson du clinker.pdf              | 304  |
| 21395 | 25/11/12   | Fours de cimenterie - Fours rotatifs.pdf                  | 239  |
| 21396 | 25/11/12   | Fours de cimenterie - Refroidisseurs ... clinker.pdf      | 273  |
| 21397 | 25/11/12   | Fours de réchauffage de sidérurgie.pdf                    | 548  |
| 21398 | 25/11/12   | Fours de verrerie.pdf                                     | 459  |
| 21399 | 25/11/12   | Fours industriels.pdf                                     | 306  |
| 21400 | 25/11/12   | Les techniques de cogénération.pdf                        | 632  |
| 21401 | 24/11/12   | Optimisation des processus énergétiques.pdf               | 1256 |
| 21402 | 24/11/12   | Perspectives énergétiques mondiales.pdf                   | 219  |
| 21403 | 24/11/12   | Technologie de gazéification ... cycle combiné.pdf        | 529  |
| 21404 | 25/11/12   | Tube ... passage de courant - changeur électrique.pdf     | 420  |
| 21405 | 24/11/12   | Types de chaudières industrielles.pdf                     | 1973 |
| 21406 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Thermique de l'habitat</b> |   |      |
| 21407 | 24/11/12   | Audits énergétiques des bâtiments.pdf                     | 454  |
| 21408 | 24/11/12   | Chauffage et rafraîchissement - Gestion.pdf               | 530  |
| 21409 | 24/11/12   | Chauffage et rafraîchissement thermodynamique.pdf         | 979  |
| 21410 | 24/11/12   | Cogénération - Rentabilité et réglementation.pdf          | 140  |
| 21411 | 24/11/12   | Cogénération en génie climatique - Aspects techniques.pdf | 402  |
| 21412 | 24/11/12   | Cogénération en génie climatique.pdf                      | 102  |
| 21413 | 24/11/12   | Comportement thermique dynamique des bâtiments.pdf        | 321  |
| 21414 | 24/11/12   | Comportement thermique dynamique des parois planes.pdf    | 302  |
| 21415 | 24/11/12   | Confort thermique.pdf                                     | 192  |
| 21416 | 24/11/12   | Déperditions thermiques et chauffage d'un logement.pdf    | 456  |
| 21417 | 24/11/12   | Données climatiques pour le bâtiment.pdf                  | 1043 |

|       |   |   |      |
|-------|---|---|------|
| 21418 | 24/11/12  | Eau chaude sanitaire.pdf  | 334  |
| 21419 | 24/11/12  | Equilibrage des réseaux de distribution.pdf                       | 303  |
| 21420 | 24/11/12  | Gestion technique des installations de génie climatique.pdf       | 445  |
| 21421 | 24/11/12  | Lois fondamentales en génie climatique.pdf                        | 672  |
| 21422 | 24/11/12  | Maîtrise de l'énergie - Définitions Usages Consommations.pdf      | 215  |
| 21423 | 24/11/12  | Maîtrise de l'énergie - Tarifs de l'énergie.pdf                   | 142  |
| 21424 | 24/11/12  | Maîtrise de l'énergie dans les bâtiments - Techniques.pdf         | 202  |
| 21425 | 24/11/12  | Production de chaleur ... partir du bois.pdf                      | 800  |
| 21426 | 24/11/12  | Régulation des systèmes de climatisation des bâtiments.pdf        | 1895 |
| 21427 | 24/11/12  | Réseaux de froid urbain - Production et stockage.pdf              | 279  |
| 21428 | 24/11/12  | Réseaux de froid urbain - Réseaux de distribution.pdf             | 264  |
| 21429 | 24/11/12  | Réseaux de froid urbain.pdf                                       | 105  |
| 21430 | 24/11/12  | Traitement de l'air - Acoustique et physico-chimie.pdf            | 423  |
| 21431 | 24/11/12  | Traitement de l'air - Composants et fonctions.pdf                 | 620  |
| 21432 | 24/11/12  | Traitement de l'air - Thermique et mécanique.pdf                  | 386  |
| 21433 | 25/11/12  | Traitement de l'air et climatisation - Généralités.pdf            | 232  |
| 21434 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Thermique fondamentale</b>        |   |      |
| 21435 | 22/02/13  | innovations in thermal management.pdf                             | 625  |
| 21436 | 14/10/13  | Modeling of IC temperature scenarios.pdf                          | 501  |
| 21437 | 25/04/13  | what they didn-t teach you about heat.pdf                         | 600  |
| 21438 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Thermodynamique - Energétique</b> |   |      |
| 21439 | 25/11/12  | Air humide.pdf  | 931  |
| 21440 | 25/11/12  | Diagrammes et progiciels thermodynamiques.pdf                     | 394  |
| 21441 | 12/08/12  | Formalisme et principes de thermodynamique.pdf                    | 263  |
| 21442 | 25/11/12  | Production de froid et valorisation de la chaleur - Principes.pdf | 198  |
| 21443 | 25/11/12  | Propriétés thermodynamiques des fluides.pdf                       | 2035 |
| 21444 | 12/08/12  | Propriétés thermodynamiques du corps pur.pdf                      | 354  |
| 21445 | 29/06/13  | Réfrigérateur ... absorption de gaz.pdf                           | 188  |
| 21446 | 24/11/12  | Thermodynamique - Energie & premier principe.pdf                  | 264  |
| 21447 | 12/08/12  | Thermodynamique - Introduction.pdf                                | 34   |
| 21448 | 12/08/12  | Thermodynamique chimique - Equilibres complexes.pdf               | 560  |
| 21449 | 12/08/12  | Thermodynamique des processus irréversibles.pdf                   | 345  |
| 21450 | 12/08/12  | Thermodynamique macroscopique.pdf                                 | 206  |
| 21451 | 12/08/12  | Thermodynamique physique.pdf                                      | 305  |
| 21452 | 12/08/12  | Thermodynamique statistique - Présentation.pdf                    | 253  |

|       |   |   |      |
|-------|---|---|------|
| 21453 | 12/08/12  | Thermodynamique statistique des solutions.pdf                   | 351  |
| 21454 | <b>Physique et technologies\Thermodynamique &amp; Génie énergétique\Transferts thermiques</b> |   |      |
| 21455 | 24/11/12  | Le problème inverse de conduction de chaleur.pdf                | 197  |
| 21456 | 24/11/12  | Notions de transfert thermique par convection.pdf               | 1029 |
| 21457 | 24/11/12  | Rayonnement thermique des matériaux opaques.pdf                 | 927  |
| 21458 | 24/11/12  | Rayonnement thermique des matériaux semi-transparents.pdf       | 958  |
| 21459 | 24/11/12  | Transfert thermique par convection - Annexe IV.pdf              | 164  |
| 21460 | 24/11/12  | Transferts de chaleur avec changement d'état solide-liquide.pdf | 266  |
| 21461 | 24/11/12  | Transferts de chaleur dans les milieux poreux.pdf               | 849  |

21462

## 21463 Propagation radio

21464

|       |  |  |      |
|-------|--|--|------|
| 21465 | <b>Propagation radio\Activité solaire</b>                |  |      |
| 21466 | 30/09/10   | Indice activité solaire IR5.webloc                     |      |
| 21467 | 14/10/13   | Polar mesosphere summer echoes at 69° N.pdf            | 345  |
| 21468 | <b>Propagation radio\Bases et modèles de propagation</b> |  |      |
| 21469 | 03/06/07   | Ant Colony Optimisation.pdf                            | 184  |
| 21470 | 28/07/07   | BBC003-DTT policy.pdf                                  | 368  |
| 21471 | 28/07/07   | BBC048-DTT Coverage prediction.pdf                     | 343  |
| 21472 | 11/05/06   | BTS01063 propagation models.pdf                        | 5615 |
| 21473 | 03/01/05   | Building-Transmission Model.pdf                        | 638  |
| 21474 | 07/10/14   | Etablissement d'une liaison RF.pdf                     | 1947 |
| 21475 | 23/08/04   | Faisceaux_hertziens.pdf                                | 131  |
| 21476 | 12/03/04   | HF Radio propag.pdf                                    | 162  |
| 21477 | 12/03/04   | ICEPAC.pdf   | 400  |
| 21478 | 14/05/06   | icepac_tech_manual.pdf                                 | 415  |
| 21479 | 14/05/06   | icepac_user_manual.pdf                                 | 756  |
| 21480 | 01/12/05   | Indoor Propagation Modelling.pdf                       | 152  |
| 21481 | 19/03/06   | Link_Margin.pdf  | 167  |
| 21482 | 30/08/07   | Modèles.pdf  | 40   |
| 21483 | 31/12/14   | Modeling of Interactions Between Radiating Devices.pdf | 283  |
| 21484 | 01/12/05   | Modélisation de la propagation.ppt                     | 428  |
| 21485 | 30/08/07   | Okumura-Hata Model - Wikipedia.pdf                     | 65   |
| 21486 | 01/12/05   | Optimisation du calcul de zone couverte.pdf            | 449  |
| 21487 | 12/03/04   | Prediction method.pdf                                  | 386  |

|       |   |   |       |
|-------|---|---|-------|
| 21488 | 22/11/08  | Propagation basics.pdf                              | 630   |
| 21489 | 09/12/13  | Propagation des ondes radioélectriques.pdf          | 1817  |
| 21490 | 24/08/04  | Propagation radio.pdf                               | 103   |
| 21491 | 05/04/08  | Radio Link Performance Simulation.pdf               | 5290  |
| 21492 | 01/12/05  | Real Environment Wireless Simulation.pdf            | 342   |
| 21493 | 27/08/07  | Rural Digital Transmissions.pdf                     | 919   |
| 21494 | <b>Propagation radio\Couverture radio</b>         |   |       |
| 21495 | 10/06/03  | BBC047-DTT Coverage prediction.pdf                  | 270   |
| 21496 | 25/02/15  | BBC288 Validation of Ofcom Regulatory Proposals.pdf | 3259  |
| 21497 | 12/03/04  | Environnement mobiles.pdf                           | 988   |
| 21498 | 07/03/13  | FCC OE73 Predicting DTV Signals Strengths.pdf       | 202   |
| 21499 | 29/07/07  | Low-Antenna Height Propagation.pdf                  | 1076  |
| 21500 | 19/08/09  | Mobile Propagation Measurement System.pdf           | 469   |
| 21501 | 19/12/04  | Mobile Radio Radiation Reduction.pdf                | 418   |
| 21502 | 01/12/05  | Mobiles, macrocellules et shadowing.pdf             | 822   |
| 21503 | 30/08/07  | Prédiction de couverture C. Turck.pdf               | 13143 |
| 21504 | 01/12/05  | Prédiction de zone de couverture.pdf                | 222   |
| 21505 | 01/12/05  | Radio Coverage Prediction.pdf                       | 145   |
| 21506 | <b>Propagation radio\Ducts</b>                    |   |       |
| 21507 | 01/03/13  | Duct propagation of FM radio waves.pdf              | 261   |
| 21508 | 01/03/13  | Empty ducts in circular concrete columns.pdf        | 419   |
| 21509 | 28/02/13  | Evaporation Duct Propagation Simulation.pdf         | 115   |
| 21510 | <b>Propagation radio\Environnements complexes</b> |   |       |
| 21511 | 20/05/08  | 0.2 to 3 GHz Propagation into a Building.pdf        | 59    |
| 21512 | 28/02/13  | 802.11ab-g channel capacity in home environment.pdf | 210   |
| 21513 | 28/02/13  | 802.11n and MIMO Indoor Propagation.pdf             | 542   |
| 21514 | 01/08/15  | Below-Deck Ship Spaces EM Propagation.pdf           | 559   |
| 21515 | 08/07/07  | Building Penetration Loss.pdf                       | 10343 |
| 21516 | 01/11/07  | Cinder Block Building RF Propagation.pdf            | 59    |
| 21517 | 05/10/12  | Complexity reduced multipath mitigation.pdf         | 260   |
| 21518 | 13/11/04  | EM Underground Emissions.pdf                        | 225   |
| 21519 | 21/08/09  | EME in Below-Deck Complex Cavities.pdf              | 1473  |
| 21520 | 06/09/05  | EMF Excitation by Cellular Radios.pdf               | 211   |
| 21521 | 01/03/09  | Field Distribution in a Small Room.pdf              | 432   |
| 21522 | 25/05/12  | Huygens Absorbing Boundary Condition in Corners.pdf | 326   |

|       |   |   |      |
|-------|---|---|------|
| 21523 | 18/03/06  | In building propag.pdf                                      | 4608 |
| 21524 | 05/06/07  | Indoor LAN field prediction.pdf                             | 148  |
| 21525 | 10/02/16  | Indoor modeling and mitigation of fading effects.pdf        | 333  |
| 21526 | 30/10/05  | Indoor Penetration Measurement.pdf                          | 163  |
| 21527 | 11/04/08  | Indoor Polarization at 5.8 GHz.pdf                          | 1723 |
| 21528 | 29/07/07  | Indoor Wideband Propagation.pdf                             | 3394 |
| 21529 | 01/12/05  | Lien radio UWB en Indoor.pdf                                | 135  |
| 21530 | 25/12/07  | Mobile Phone inside Metallic Enclosure.pdf                  | 326  |
| 21531 | 01/03/09  | Multiple-Building Forward Diffraction.pdf                   | 146  |
| 21532 | 21/08/09  | Propagation & Collapse of Large Structures.pdf              | 1525 |
| 21533 | 03/03/09  | Propagation en milieu complexe.pdf                          | 3319 |
| 21534 | 29/11/11  | Propagation in Coupled Reverberant Cavities.pdf             | 3335 |
| 21535 | 30/06/09  | Propagation in Mining Environments.pdf                      | 387  |
| 21536 | 18/01/13  | Propagation Loss Prediction for Close-In Distances.pdf      | 1068 |
| 21537 | 08/02/16  | Propagation modeling in realistic 3-D urban environment.pdf | 300  |
| 21538 | 26/11/03  | Propagation numérique 2000.pdf                              | 1805 |
| 21539 | 06/12/08  | Propagation through Window & Concrete.pdf                   | 711  |
| 21540 | 03/09/07  | Radio Propagation in Hospitals.pdf                          | 734  |
| 21541 | 23/01/13  | Radio Systems EMC in Complex Environments.pdf               | 1436 |
| 21542 | 01/07/07  | Rapport Eoliennes.pdf                                       | 147  |
| 21543 | 22/02/11  | RF Absorption in a Product Warehouse.pdf                    | 225  |
| 21544 | 28/02/11  | RF Transmission Between Reverberant Spaces.pdf              | 1607 |
| 21545 | 11/01/08  | Smart Antenna for Indoor Wireless Com.pdf                   | 525  |
| 21546 | 28/02/13  | Train-to-wayside transmissions in tunnels.pdf               | 240  |
| 21547 | 19/03/06  | UHF propagation hallways.pdf                                | 549  |
| 21548 | 12/01/14  | Wireless Channel Modeling of Reverberant Spaces.pdf         | 445  |
| 21549 | 17/12/06  | Wireless Indoor Optical Approximation.pdf                   | 8879 |
| 21550 | 21/08/09  | Wireless Propagation in a Large Factory.pdf                 | 6880 |
| 21551 | <b>Propagation radio\Fading, multipath, diversité</b> |   |      |
| 21552 | 15/11/08  | Antenna Diversity Studies.pdf                               | 1345 |
| 21553 | 20/04/11  | BBC184 Distortion from Multipath Propagation.pdf            | 320  |
| 21554 | 02/03/09  | Directivity of Self-Phased Arrays.pdf                       | 161  |
| 21555 | 15/11/08  | Diversity Performance in Mobile Phones.pdf                  | 1622 |
| 21556 | 28/02/13  | Fade Duration for Microwave Propagation.pdf                 | 101  |
| 21557 | 23/10/11  | Fading Generator Using Rotated Scattering Slots.pdf         | 405  |



|       |  |  |      |
|-------|--|--|------|
| 21558 | 07/10/12                                   | Fast-Fading Mobile Channel Measurement.pdf             | 334  |
| 21559 | 03/06/07                                   | Multipath Measurements at 40 GHz.pdf                   | 1491 |
| 21560 | 20/03/06                                   | Multipath Propagation.pdf                              | 258  |
| 21561 | 24/10/12                                   | Nakagami-Rice Fading Environments.pdf                  | 219  |
| 21562 | 12/01/14                                   | Polarization of EMF From a Random Emitter.pdf          | 85   |
| 21563 | 24/10/12                                   | Probability of Diversity Receivers.pdf                 | 376  |
| 21564 | 08/07/07                                   | Rayleigh Fading Channel.pdf                            | 115  |
| 21565 | 12/10/09                                   | Received Power Fluctuations.pdf                        | 267  |
| 21566 | 21/03/04                                   | Rétropropagation.pdf                                   | 144  |
| 21567 | 27/08/08                                   | Sensor in Multipath Environments.pdf                   | 162  |
| 21568 | <b>Propagation radio\Foudre - Tropical</b> |  |      |
| 21569 | 12/03/04                                   | Atmospheric Radio Propagation.pdf                      | 1071 |
| 21570 | 12/03/04                                   | BBC049-Tropical DRM.pdf                                | 192  |
| 21571 | 01/03/13                                   | Distribution of Upper Tropical Cirrus.pdf              | 680  |
| 21572 | 01/03/13                                   | prediction of pre-monsoon thunderstorms.pdf            | 103  |
| 21573 | 11/12/07                                   | Propagation of Wideband EM Waves.pdf                   | 96   |
| 21574 | <b>Propagation radio\GPS et satellites</b> |  |      |
| 21575 | 01/03/13                                   | CloudSat observations.pdf                              | 4119 |
| 21576 | 03/06/07                                   | GPS Ionospheric Propagation.pdf                        | 75   |
| 21577 | 04/06/07                                   | GPS Scintillations.pdf                                 | 153  |
| 21578 | 28/11/10                                   | Multi-satellite radio occultation.pdf                  | 1606 |
| 21579 | 28/02/13                                   | Occurrences of Spread F and GPS Phase Fluctuations.pdf | 312  |
| 21580 | <b>Propagation radio\GSM et Wireless</b>   |  |      |
| 21581 | 26/02/16                                   | Absorption Related to Hand-Held Devices.pdf            | 324  |
| 21582 | 07/03/04                                   | Coupling of BLUETOOTH Signals.pdf                      | 373  |
| 21583 | 28/02/13                                   | GPS Phase Scintillation and HF Radar Backscatter.pdf   | 374  |
| 21584 | 31/08/07                                   | GSM Non-Line-of-Sight Propagation.pdf                  | 189  |
| 21585 | 28/02/13                                   | GSM Propagation Model for Forest Environment.pdf       | 542  |
| 21586 | 13/11/04                                   | GSM testing in "Metro".pdf                             | 223  |
| 21587 | 31/12/06                                   | Multi-hop Wireless Network System.pdf                  | 127  |
| 21588 | 09/09/07                                   | NTIA02-394 Wireless Link Statistic BER.pdf             | 426  |
| 21589 | 20/11/14                                   | Random Coupling Model for Wireless Environments.pdf    | 170  |
| 21590 | 01/03/09                                   | RF Microcellular Urban Environment.pdf                 | 707  |
| 21591 | 14/11/04                                   | Speech Quality & Bluetooth.pdf                         | 81   |
| 21592 | 30/06/04                                   | WiFi.pdf   | 1854 |

|       |  |  |      |
|-------|--|--|------|
| 21593 | 01/12/04   | Wireless Devices Testing.pdf                         | 418  |
| 21594 | 15/12/04   | Wireless Local Area Networks.pdf                     | 1311 |
| 21595 | <b>Propagation radio\Hopping</b>                               |  |      |
| 21596 | 08/09/05   | RFDS for Cosite EMC.pdf                              | 121  |
| 21597 | <b>Propagation radio\Ionosphère - Mesosphere - Troposphère</b> |  |      |
| 21598 | 05/03/13   | 3D Simulations of Farley-Buneman Turbulence.pdf      | 54   |
| 21599 | 28/02/13   | Auroral ionosphere & HF radio propagation.pdf        | 242  |
| 21600 | 05/03/13   | Determination of precipitating electron fluxes.pdf   | 54   |
| 21601 | 05/03/13   | D-region ionosphere during solar minimum.pdf         | 256  |
| 21602 | 28/02/13   | DRM Modulation to study the ionosphere.pdf           | 256  |
| 21603 | 28/02/13   | Electromagnetic anomalies in ionosphere.pdf          | 93   |
| 21604 | 14/10/13   | Enhanced sporadic E occurrence rates.pdf             | 345  |
| 21605 | 05/03/13   | Global Scale Ionospheric Monitoring.pdf              | 578  |
| 21606 | 05/10/12   | Gravity wave modulation from 30-130km.pdf            | 795  |
| 21607 | 05/07/14   | HF Ionospheric Heating Beam.pdf                      | 4805 |
| 21608 | 05/03/13   | Incoherent scatter radar applications.pdf            | 28   |
| 21609 | 05/03/13   | Ionospheric Scintillation & Phase Autofocus.pdf      | 96   |
| 21610 | 28/02/13   | Ionospheric transmission loss at low frequency.pdf   | 194  |
| 21611 | 14/10/13   | IRI-Plas and ionospheric electron density.pdf        | 514  |
| 21612 | 19/10/11   | La propagation troposphérique.pdf                    | 466  |
| 21613 | 28/11/10   | Lower ionosphere wind at midlatitudes.pdf            | 261  |
| 21614 | 28/11/10   | Melting-layer modelling at C-Band.pdf                | 500  |
| 21615 | 01/03/13   | MMIC-based Millimeter-Wave Radiometers.pdf           | 134  |
| 21616 | 01/03/13   | MST radar at Wuhan, China.pdf                        | 159  |
| 21617 | 05/03/13   | Nonlinear, Intermittent E-region Irregularities.pdf  | 30   |
| 21618 | 05/10/12   | Numerical modeling of solar wind influences.pdf      | 1463 |
| 21619 | 05/03/13   | Passive Doppler sounding equipment at Irkutsk.pdf    | 300  |
| 21620 | 05/03/13   | Possible resolution of the 150-km riddle.pdf         | 22   |
| 21621 | 28/02/13   | Radio propagation in the ionosphere.pdf              | 1947 |
| 21622 | 05/10/12   | Satellite-borne solar EUV measurements.pdf           | 288  |
| 21623 | 18/08/12   | Some anomalies of mesosphere.pdf                     | 234  |
| 21624 | 05/10/12   | Statistics of long-term ionospheric measurements.pdf | 622  |
| 21625 | 01/03/13   | Stratospheric warmings in winter 2008.pdf            | 708  |
| 21626 | 08/02/16   | Strong turbulence in the geospace environment.pdf    | 358  |
| 21627 | 14/10/13   | Terdiurnal signatures in sporadic E layers.pdf       | 433  |

|       |  |   |      |
|-------|--|---|------|
| 21628 | 05/04/07   | TN101-V2 Tropospheric Prediction.pdf                      | 7518 |
| 21629 | 28/02/13   | Turbulent Magnetized Plasma Slab.pdf                      | 178  |
| 21630 | <b>Propagation radio\Lancer de rayons</b>                    |   |      |
| 21631 | 05/03/13   | 2.5D ray-tracing method.pdf                               | 239  |
| 21632 | 18/03/06   | Problems of ray tracing.pdf                               | 71   |
| 21633 | 05/10/12   | Ray tracing with multi-radiation transmitters.pdf         | 207  |
| 21634 | 01/10/10   | Rec ITU-R P.530-10 Line-of-sight.pdf                      | 337  |
| 21635 | <b>Propagation radio\LF - HF (Ondes hecto-décamétriques)</b> |   |      |
| 21636 | 10/06/03   | BBC012-AM broadcasting.pdf                                | 92   |
| 21637 | 09/06/03   | BBC013-HF Emission limits.pdf                             | 106  |
| 21638 | 12/03/04   | ERC Report 069.pdf  | 1258 |
| 21639 | 09/12/13   | Liaisons hautes fréquences (HF).pdf                       | 257  |
| 21640 | 16/11/05   | Liaisons radio ... grande distance.pdf                    | 544  |
| 21641 | 04/12/10   | Propagation in the LF-Band.pdf                            | 39   |
| 21642 | <b>Propagation radio\Marine et mer</b>                       |   |      |
| 21643 | 24/10/12   | Maritime-Mobile Satellite Propagation.pdf                 | 292  |
| 21644 | 23/10/11   | The Dielectric Constant of Sea Water.pdf                  | 365  |
| 21645 | 08/10/12   | Wireless Networks in Ships Below-Deck.pdf                 | 404  |
| 21646 | <b>Propagation radio\Mesures et analyse de propagation</b>   |   |      |
| 21647 | 09/10/14   | Coupling Path Visualization using a Movable Scatterer.pdf | 676  |
| 21648 | 12/03/09   | FAA-RD-77-60 Propagation Analysis.pdf                     | 2334 |
| 21649 | 01/03/11   | High-Resolution Propagation Measurements 1.pdf            | 435  |
| 21650 | 03/04/15   | High-Resolution Propagation Measurements 2.pdf            | 1189 |
| 21651 | 18/03/06   | NIST TN-1540.pdf  | 2566 |
| 21652 | <b>Propagation radio\Météo</b>                               |   |      |
| 21653 | 01/03/13   | Atmospheric Aerosol Properties.pdf                        | 202  |
| 21654 | 01/06/09   | Classification of ice crystals at C-band.pdf              | 1370 |
| 21655 | 27/08/08   | Cloud and rain signatures at C-Band.pdf                   | 101  |
| 21656 | 06/02/09   | Fog-Cloud Millimeter-Wave Attenuation.pdf                 | 509  |
| 21657 | 05/03/13   | Global Mapping of Rainfall.pdf                            | 484  |
| 21658 | 01/03/13   | Microphysical properties of clouds.pdf                    | 377  |
| 21659 | 12/03/09   | Millimetric propagation in moist air.pdf                  | 5168 |
| 21660 | 05/11/07   | Moist Air & Water-Ice Particles.pdf                       | 849  |
| 21661 | 28/02/13   | Rain Attenuation in Tropical Region.pdf                   | 269  |
| 21662 | 03/06/07   | Rain Attenuation.pdf                                      | 2860 |

|       |   |   |      |
|-------|---|---|------|
| 21663 | 05/06/07  | Rain Drop-Size Attenuation Model.pdf                  | 239  |
| 21664 | 28/02/13  | Raindrop Size Distribution Characteristics.pdf        | 237  |
| 21665 | 28/02/13  | Raindrops Ku-Band Signal Depolarization.pdf           | 230  |
| 21666 | 28/02/13  | Rainfall Attenuation of Propagation.pdf               | 171  |
| 21667 | 05/09/07  | Rainfall Intensity Attenuation.pdf                    | 151  |
| 21668 | 12/06/02  | Sleet Microwaves Attenuation.pdf                      | 535  |
| 21669 | 28/02/13  | Some Melting Layer Characteristics.pdf                | 248  |
| 21670 | 28/02/13  | Statistics of Rain Attenuation Revisited.pdf          | 220  |
| 21671 | 28/02/13  | Two Year Rain Attenuation Statistics at 30GHz.pdf     | 75   |
| 21672 | <b>Propagation radio\Ondes de sol</b>                             |   |      |
| 21673 | 25/11/07  | Ground-Wave Field from 1 to 30 MHz.pdf                | 195  |
| 21674 | 11/09/14  | Onde de sol en HF et VHF.pdf                          | 1200 |
| 21675 | 01/10/10  | Rec. ITU-R P.368-7 Ondes de sol.pdf                   | 4298 |
| 21676 | <b>Propagation radio\RFID tags</b>                                |   |      |
| 21677 | 31/12/06  | High-Frequency RFID Tags.pdf                          | 115  |
| 21678 | <b>Propagation radio\SHF - EHF (Centi-Millimétrique)</b>          |   |      |
| 21679 | 03/06/07  | 60GHz Ultra High Speed Wireless.pdf                   | 233  |
| 21680 | 24/10/07  | FCC Millimeter Wave Propagation.pdf                   | 1564 |
| 21681 | 19/03/06  | L-Band Foliage Scatter.pdf                            | 1526 |
| 21682 | 03/03/09  | Les ondes hyperfréquences.pdf                         | 188  |
| 21683 | 01/03/13  | Microwave Brightness Temperature Measurements.pdf     | 360  |
| 21684 | 28/02/13  | Millimeter Propagation Loss Through a Tree Canopy.pdf | 117  |
| 21685 | 01/12/05  | Propagation en batiments 60 GHz.pdf                   | 344  |
| 21686 | 03/06/07  | Radar Hornet Flight.pdf                               | 62   |
| 21687 | 09/09/07  | SHF Atmospheric Propagation.pdf                       | 312  |
| 21688 | 05/03/13  | Sub Millimeter heterodyne Radiometer for Arrays.pdf   | 190  |
| 21689 | <b>Propagation radio\Très courte distance</b>                     |   |      |
| 21690 | 19/09/12  | E Field Propagation in the Proximal Region.pdf        | 1557 |
| 21691 | 26/11/03  | Liaison de proximité.pdf                              | 37   |
| 21692 | <b>Propagation radio\ULF - ELF (Ultra-Très basses fréquences)</b> |   |      |
| 21693 | 31/08/07  | Electrostatic Field during Seismic Wave.pdf           | 152  |
| 21694 | 05/10/12  | Low frequency transmitter signals.pdf                 | 607  |
| 21695 | 28/02/13  | Seismogenic ULF magnetic activity.pdf                 | 225  |
| 21696 | <b>Propagation radio\Validation</b>                               |   |      |
| 21697 | 19/08/09  | Feature Selective Validation Method.pdf               | 331  |

| 21698 Propagation radio\Végétation                                |          |   |      |
|---|----------|---|------|
| 21699   | 05/09/07 | 1-60 GHz Vegetation Attenuation.pdf                   | 1332 |
| 21700   | 28/02/13 | Coherence Effects in L-Band Remote Sensing.pdf        | 259  |
| 21701   | 28/02/13 | Double Scattering from Lossy Dielectric Cylinders.pdf | 221  |
| 21702   | 28/02/13 | Radar Backscatter over Vegetation.pdf                 | 168  |
| 21703   | 18/11/05 | Vegetation attenuation model.pdf                      | 1348 |
| 21704   | 28/02/13 | X-band microwave sensors.pdf                          | 164  |
| 21705 Propagation radio\VHF - UHF (Ondes métriques-décimétriques) |          |   |      |
| 21706   | 10/06/03 | BBC002-DTT planning.pdf                               | 136  |
| 21707   | 10/06/03 | BBC006-DAB problems.pdf                               | 174  |
| 21708   | 10/06/03 | BBC010-Analog TV propag.pdf                           | 213  |
| 21709   | 12/03/04 | BBC016-DRM operation.pdf                              | 105  |
| 21710   | 12/03/04 | BBC029-DTT Tests.pdf                                  | 64   |
| 21711   | 12/03/04 | BBC-DTT coverage.pdf                                  | 80   |
| 21712   | 11/10/11 | FCC OET73 Predicting DTV Signal Strengths.pdf         | 201  |
| 21713   | 09/12/13 | Liaisons VHF-UHF.pdf                                  | 335  |
| 21714   | 01/03/13 | LMS Users Guide.pdf                                   | 98   |
| 21715   | 06/01/05 | Ultra-wideband Propagation.pdf                        | 1780 |
| 21716   | 19/03/06 | Ultrawideband through-the-wall.pdf                    | 551  |
| 21717   | 27/08/08 | Use of 2.4-GHz-WLAN on Vessels.pdf                    | 390  |
| 21718   | 09/06/07 | VHF Band & Earthquakes.pdf                            | 201  |
| 21719   | 15/11/08 | Wave Propagation at 2.4 GHz.pdf                       | 2212 |
| 21720   | 02/03/09 | Wave Tilt at High Frequencies.pdf                     | 38   |

21721

## 21722 Publications périodiques

21723

| 21724 Publications périodiques\ In COMPLIANCE |          |  |       |
|---|----------|--|-------|
| 21725   | 16/07/14 | In Compliance 2009.pdf                 | 6732  |
| 21726   | 16/07/14 | In Compliance 2010_01.pdf              | 7679  |
| 21727   | 16/07/14 | In Compliance 2010_02.pdf              | 4677  |
| 21728   | 16/07/14 | In Compliance 2010_03 Annual Guide.pdf | 11360 |
| 21729   | 16/07/14 | In Compliance 2010_04.pdf              | 5794  |
| 21730   | 16/07/14 | In Compliance 2010_05.pdf              | 4496  |
| 21731   | 16/07/14 | In Compliance 2010_06.pdf              | 4839  |
| 21732   | 16/07/14 | In Compliance 2010_07.pdf              | 7027  |

|       |          |  |       |
|-------|----------|--|-------|
| 21733 | 16/07/14 | In Compliance 2010_08.pdf              | 6747  |
| 21734 | 16/07/14 | In Compliance 2010_09.pdf              | 5618  |
| 21735 | 16/07/14 | In Compliance 2010_10.pdf              | 6317  |
| 21736 | 16/07/14 | In Compliance 2010_11.pdf              | 3774  |
| 21737 | 16/07/14 | In Compliance 2010_12.pdf              | 7580  |
| 21738 | 15/07/14 | In Compliance 2011_01.pdf              | 6169  |
| 21739 | 15/07/14 | In Compliance 2011_02.pdf              | 6975  |
| 21740 | 15/07/14 | In Compliance 2011_03 Annual Guide.pdf | 14146 |
| 21741 | 15/07/14 | In Compliance 2011_04.pdf              | 4393  |
| 21742 | 15/07/14 | In Compliance 2011_05.pdf              | 4963  |
| 21743 | 15/07/14 | In Compliance 2011_06.pdf              | 4551  |
| 21744 | 15/07/14 | In Compliance 2011_07.pdf              | 5740  |
| 21745 | 15/07/14 | In Compliance 2011_08.pdf              | 9992  |
| 21746 | 15/07/14 | In Compliance 2011_09.pdf              | 6196  |
| 21747 | 15/07/14 | In Compliance 2011_10.pdf              | 7918  |
| 21748 | 15/07/14 | In Compliance 2011_11.pdf              | 4092  |
| 21749 | 15/07/14 | In Compliance 2011_12.pdf              | 5463  |
| 21750 | 15/07/14 | In Compliance 2012_01.pdf              | 5885  |
| 21751 | 15/07/14 | In Compliance 2012_02.pdf              | 7749  |
| 21752 | 15/07/14 | In Compliance 2012_03 Annual Guide.pdf | 13621 |
| 21753 | 15/07/14 | In Compliance 2012_04.pdf              | 6343  |
| 21754 | 15/07/14 | In Compliance 2012_05.pdf              | 5599  |
| 21755 | 15/07/14 | In Compliance 2012_06.pdf              | 7876  |
| 21756 | 15/07/14 | In Compliance 2012_07.pdf              | 7730  |
| 21757 | 15/07/14 | In Compliance 2012_08.pdf              | 12737 |
| 21758 | 15/07/14 | In Compliance 2012_09.pdf              | 6070  |
| 21759 | 15/07/14 | In Compliance 2012_10.pdf              | 7830  |
| 21760 | 15/07/14 | In Compliance 2012_11.pdf              | 5488  |
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| 21762 | 15/07/14 | In Compliance 2013_01.pdf              | 5992  |
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| 22069 | 26/08/10 | Analog Journal_2010 Q3.pdf | 491  |
| 22070 | 11/12/10 | Analog Journal_2010 Q4.pdf | 594  |
| 22071 | 18/04/11 | Analog Journal_2011 Q1.pdf | 310  |
| 22072 | 15/07/11 | Analog Journal_2011 Q2.pdf | 484  |
| 22073 | 15/10/11 | Analog Journal_2011 Q3.pdf | 881  |
| 22074 | 02/12/11 | Analog Journal_2011 Q4.pdf | 829  |
| 22075 | 11/03/12 | Analog Journal_2012 Q1.pdf | 1354 |
| 22076 | 12/07/12 | Analog Journal_2012 Q2.pdf | 1638 |
| 22077 | 03/09/12 | Analog Journal_2012 Q3.pdf | 2218 |
| 22078 | 21/12/12 | Analog Journal_2012 Q4.pdf | 2426 |
| 22079 | 05/02/13 | Analog Journal_2013 Q1.pdf | 562  |
| 22080 | 14/05/13 | Analog Journal_2013 Q2.pdf | 528  |
| 22081 | 04/09/13 | Analog Journal_2013 Q3.pdf | 928  |
| 22082 | 17/01/14 | Analog Journal_2013 Q4.pdf | 1127 |

|       |   |                            |      |
|-------|---|----------------------------|------|
| 22083 | 27/02/14                                      | Analog Journal_2014 Q1.pdf | 355  |
| 22084 | 08/05/14                                      | Analog Journal_2014 Q2.pdf | 1516 |
| 22085 | 14/08/14                                      | Analog Journal_2014 Q3.pdf | 1446 |
| 22086 | 13/11/14                                      | Analog Journal_2014 Q4.pdf | 1082 |
| 22087 | 12/02/15                                      | Analog Journal_2015 Q1.pdf | 1118 |
| 22088 | 22/05/15                                      | Analog Journal_2015 Q2.pdf | 866  |
| 22089 | 20/10/15                                      | Analog Journal_2015 Q3.pdf | 1070 |
| 22090 | 11/02/16                                      | Analog Journal_2015 Q4.pdf | 528  |
| 22091 | 23/02/16                                      | Analog Journal_2016 Q1.pdf | 595  |
| 22092 | 09/07/08                                      | Audio Guide.pdf            | 1029 |
| 22093 | <b>Publications périodiques\URSI Bulletin</b> |                            |      |
| 22094 | 23/08/06                                      | URSI Bulletin 302.pdf      | 2605 |
| 22095 | 23/08/06                                      | URSI Bulletin 303.pdf      | 3609 |
| 22096 | 23/08/06                                      | URSI Bulletin 304.pdf      | 1855 |
| 22097 | 23/08/06                                      | URSI Bulletin 305.pdf      | 1123 |
| 22098 | 23/08/06                                      | URSI Bulletin 306.pdf      | 3499 |
| 22099 | 23/08/06                                      | URSI Bulletin 307.pdf      | 2084 |
| 22100 | 30/08/07                                      | URSI Bulletin 308.pdf      | 1872 |
| 22101 | 23/08/06                                      | URSI Bulletin 309.pdf      | 2447 |
| 22102 | 22/08/06                                      | URSI Bulletin 310.pdf      | 4205 |
| 22103 | 22/08/06                                      | URSI Bulletin 311.pdf      | 3924 |
| 22104 | 22/08/06                                      | URSI Bulletin 312.pdf      | 3842 |
| 22105 | 22/08/06                                      | URSI Bulletin 313.pdf      | 3523 |
| 22106 | 22/08/06                                      | URSI Bulletin 314.pdf      | 1931 |
| 22107 | 22/08/06                                      | URSI Bulletin 315.pdf      | 1755 |
| 22108 | 22/08/06                                      | URSI Bulletin 316.pdf      | 1112 |
| 22109 | 22/08/06                                      | URSI Bulletin 317.pdf      | 2553 |
| 22110 | 19/10/06                                      | URSI Bulletin 318.pdf      | 1906 |
| 22111 | 06/01/07                                      | URSI Bulletin 319.pdf      | 2455 |
| 22112 | 10/05/07                                      | URSI Bulletin 320.pdf      | 2160 |
| 22113 | 30/06/07                                      | URSI Bulletin 321.pdf      | 1245 |
| 22114 | 30/09/07                                      | URSI Bulletin 322.pdf      | 2177 |
| 22115 | 17/12/07                                      | URSI Bulletin 323.pdf      | 1452 |
| 22116 | 14/04/08                                      | URSI Bulletin 324.pdf      | 1616 |
| 22117 | 16/10/08                                      | URSI Bulletin 325.pdf      | 1691 |



|       |          |                       |      |
|-------|----------|-----------------------|------|
| 22118 | 13/12/08 | URSI Bulletin 326.pdf | 1214 |
| 22119 | 06/02/09 | URSI Bulletin 327.pdf | 1420 |
| 22120 | 05/05/09 | URSI Bulletin 328.pdf | 1688 |
| 22121 | 30/06/09 | URSI Bulletin 329.pdf | 1262 |
| 22122 | 24/10/09 | URSI Bulletin 330.pdf | 1835 |
| 22123 | 07/03/10 | URSI Bulletin 331.pdf | 1437 |
| 22124 | 20/05/10 | URSI Bulletin 332.pdf | 2967 |
| 22125 | 04/07/10 | URSI Bulletin 333.pdf | 2458 |
| 22126 | 11/01/11 | URSI Bulletin 334.pdf | 2468 |
| 22127 | 11/01/11 | URSI Bulletin 335.pdf | 2010 |
| 22128 | 16/07/11 | URSI Bulletin 336.pdf | 4102 |
| 22129 | 22/10/11 | URSI Bulletin 337.pdf | 3740 |
| 22130 | 22/10/11 | URSI Bulletin 338.pdf | 2935 |
| 22131 | 11/03/12 | URSI Bulletin 339.pdf | 3878 |
| 22132 | 22/05/12 | URSI Bulletin 340.pdf | 5094 |
| 22133 | 05/09/12 | URSI Bulletin 341.pdf | 3109 |
| 22134 | 04/10/12 | URSI Bulletin 342.pdf | 2564 |
| 22135 | 21/12/12 | URSI Bulletin 343.pdf | 1951 |
| 22136 | 23/04/13 | URSI Bulletin 344.pdf | 1498 |
| 22137 | 14/10/13 | URSI Bulletin 345.pdf | 4768 |
| 22138 | 16/01/14 | URSI Bulletin 346.pdf | 3660 |
| 22139 | 27/02/14 | URSI Bulletin 347.pdf | 3675 |
| 22140 | 27/07/14 | URSI Bulletin 348.pdf | 4181 |
| 22141 | 19/08/14 | URSI Bulletin 349.pdf | 2688 |
| 22142 | 13/01/15 | URSI Bulletin 350.pdf | 3018 |
| 22143 | 17/04/15 | URSI Bulletin 351.pdf | 3012 |
| 22144 | 17/04/15 | URSI Bulletin 352.pdf | 1476 |
| 22145 | 16/07/15 | URSI Bulletin 353.pdf | 1473 |
| 22146 | 20/10/15 | URSI Bulletin 354.pdf | 1440 |
| 22147 | 29/02/16 | URSI Bulletin 355.pdf | 3450 |

22148

22149

### Radars, UWB et guerre électronique

22150

22151

### Radars, UWB et guerre électronique\Guerre électronique et contremesures

22152

05/10/12 Countermeasure Design with Analog Circuit Simulator.pdf

292

|       |   |   |      |
|-------|---|---|------|
| 22153 | 08/01/08  | Distributed and Layered Sensing.pdf                             | 135  |
| 22154 | 11/02/16  | Distributed Multiple-Radar for Low Probability of Intercept.pdf | 438  |
| 22155 | 08/01/08  | Diversity of Multiple Co-sited Radars.pdf                       | 162  |
| 22156 | 21/11/15  | Electronic Warfare & Radar Handbook.pdf                         | 2970 |
| 22157 | 31/08/08  | Electronic Warfare & Radar Systems.pdf                          | 2970 |
| 22158 | 07/03/09  | Joint Doctrine for Electronic Warfare.pdf                       | 527  |
| 22159 | 09/12/13  | Liaisons contre-contre-mesures électroniques (CCME).pdf         | 320  |
| 22160 | 06/12/07  | Maritime Electronic Warfare.pdf                                 | 123  |
| 22161 | 27/10/06  | Navair E3 Brochure.pdf  | 589  |
| 22162 | 22/01/16  | NAWCWD TP 8347 Electronic Warfare & Radar Ed4.pdf               | 5702 |
| 22163 | 11/04/11  | PIA-03-361_08 Guerre electronique France.pdf                    | 801  |
| 22164 | 08/01/08  | Polarization Diversity & Target Detection.pdf                   | 407  |
| 22165 | 09/12/13  | Radiosurveillance du spectre.pdf                                | 709  |
| 22166 | 03/04/09  | Tactical Electronic Warfare.pdf                                 | 580  |
| 22167 | 03/04/09  | Use of Intelligence Products.pdf                                | 1017 |
| 22168 | 08/01/08  | Waveform Diversity and EMC.pdf                                  | 255  |
| 22169 | <b>Radars, UWB et guerre électronique\Imagerie radar</b>      |   |      |
| 22170 | 01/03/13  | Accurate Shadow Region Imaging Algorithm.pdf                    | 140  |
| 22171 | 08/01/08  | Detection-Imaging of Buried Objects.pdf                         | 345  |
| 22172 | 15/10/13  | Effect of near-zone preconditioning.pdf                         | 271  |
| 22173 | 15/10/13  | Electromagnetic diffraction and scattering.pdf                  | 275  |
| 22174 | 19/08/12  | EMF scattered by an elliptic cone.pdf                           | 308  |
| 22175 | 03/03/09  | ENSTB - Télédétection.pdf                                       | 854  |
| 22176 | 15/10/13  | Fusion of cooperative localization data.pdf                     | 258  |
| 22177 | 27/02/13  | High Resolution Radar Meteo Network.pdf                         | 440  |
| 22178 | 10/10/13  | Human Supervisory Control - NCW_report.pdf                      | 363  |
| 22179 | 09/12/13  | Microwave Coupling in the 100 MHz-6 GHz Range.pdf               | 322  |
| 22180 | 01/03/13  | Microwave holography in detection of hidden objects.pdf         | 179  |
| 22181 | 10/02/16  | Radar cross section of furniture in indoor propagation.pdf      | 657  |
| 22182 | 15/10/13  | Radar ray tracing coverage simulator.pdf                        | 321  |
| 22183 | 08/03/09  | RCS Pattern of Complex Radar Targets.pdf                        | 354  |
| 22184 | 01/03/13  | Reconstruction in a 3D Microwave Imaging System.pdf             | 178  |
| 22185 | 30/06/09  | Scatterers with Composite Structures.pdf                        | 186  |
| 22186 | 08/02/16  | Through-the-wall radar imaging.pdf                              | 336  |
| 22187 | <b>Radars, UWB et guerre électronique\Interférences radar</b> |   |      |

|       |   |  |      |
|-------|---|--|------|
| 22188 | 16/07/15  | Effects of Radar Interference on LTE Receiver.pdf    | 3089 |
| 22189 | 22/01/09  | Effects of RFI on Radar Receivers.pdf                | 6523 |
| 22190 | 24/09/13  | Interference to Radar due to In-Band OFDM.pdf        | 183  |
| 22191 | 06/10/14  | Intermittent OFDM Transmitter Saturation.pdf         | 131  |
| 22192 | 28/06/14  | Radar Chirp Waveform Spectral Compliance.pdf         | 286  |
| 22193 | 16/07/15  | Radar Receiver in the Presence of Interference.pdf   | 185  |
| 22194 | 06/03/13  | Resolution of RFI to 2.7-2.9GHz Radars.pdf           | 3010 |
| 22195 | 13/01/14  | RFI Signals in Radar Depth Sounder Data.pdf          | 610  |
| 22196 | 16/07/15  | S Band Occupancy Measurements.pdf                    | 2068 |
| 22197 | 08/10/12  | S-band Marine Radar Receiver with Interference.pdf   | 183  |
| 22198 | 18/02/16  | TR-15-510 Naval Radar Emissions for EMC Analyses.pdf | 1732 |
| 22199 | 01/03/13  | Waveform Diversity and Compatibility.pdf             | 207  |
| 22200 | <b>Radars, UWB et guerre électronique\Mesures de radars</b>                 |  |      |
| 22201 | 28/12/12  | Accurate Radar Pulse Measurements.pdf                | 400  |
| 22202 | 25/01/16  | Improving Radar Signal-to-Noise Ratio.pdf            | 149  |
| 22203 | 25/01/16  | Performance of Compressed-Pulse Radars.pdf           | 207  |
| 22204 | 26/10/12  | Radar Measurements AN.pdf                            | 2933 |
| 22205 | 26/10/12  | Radar Pulse Measurement AN.pdf                       | 348  |
| 22206 | 20/02/08  | Radar Spectrum Engineering.pdf                       | 3086 |
| 22207 | 26/10/12  | Wideband Radar and Satcom Measurements.pdf           | 702  |
| 22208 | <b>Radars, UWB et guerre électronique\Principes et conception de radars</b> |  |      |
| 22209 | 01/06/08  | Bandwidth Dependence of radars.pdf                   | 1233 |
| 22210 | 03/09/08  | Dynamic Frequency Selection.pdf                      | 253  |
| 22211 | 05/10/12  | Fractional-N PLL based FMCW sweep generator.pdf      | 377  |
| 22212 | 24/09/13  | Hardware-in-the-Loop Radar Waveform Optimization.pdf | 298  |
| 22213 | 25/01/16  | Pulse Analysis Techniques for Radar and EW.pdf       | 2636 |
| 22214 | 29/09/07  | Radar Introduction.pdf                               | 92   |
| 22215 | 24/03/09  | Radar Peak Detection and Tracking.pdf                | 2075 |
| 22216 | 09/12/13  | Radars - Concepts et fonctionnalités.pdf             | 1140 |
| 22217 | 09/12/13  | Radars - Paramètres de détection.pdf                 | 1168 |
| 22218 | 09/12/13  | Radars - Principes et éléments de base.pdf           | 942  |
| 22219 | 31/05/09  | Ray-based monostatic RCS simulations.pdf             | 134  |
| 22220 | 01/03/09  | Slow Decay Effect in EM Radiation.pdf                | 184  |
| 22221 | 11/05/15  | Système bistatique GRAVES.pdf                        | 100  |
| 22222 | 08/01/08  | True Meaning of EM Diversity.pdf                     | 204  |

|       |  |   |      |
|-------|--|---|------|
| 22223 | 08/01/08   | Why and What is Waveform Diversity.pdf                  | 210  |
| 22224 | <b>Radars, UWB et guerre électronique\Radars ... ouverture synthétique</b> |   |      |
| 22225 | 21/11/10   | Coherent synthetic aperture radar.pdf                   | 407  |
| 22226 | 05/03/13   | EISCAT Aperture Synthesis Imaging (EASI 3D).pdf         | 86   |
| 22227 | 19/08/12   | MIMO FMCW radar approach to HFSWR.pdf                   | 191  |
| 22228 | 19/08/12   | Motion compensation of synthetic aperture radar.pdf     | 187  |
| 22229 | 05/03/13   | Multiscale Software Radar Networks.pdf                  | 88   |
| 22230 | 01/06/09   | Multi-target radar localization.pdf                     | 298  |
| 22231 | 28/01/09   | Phased Array Antenna Pattern.pdf                        | 708  |
| 22232 | 14/10/13   | Polarimetric radar cross section.pdf                    | 245  |
| 22233 | 14/10/13   | Quantitative data analysis of ESAR data.pdf             | 422  |
| 22234 | 15/03/13   | Rugged GP-GPUs Enable UAVs.pdf                          | 788  |
| 22235 | 01/03/12   | Ship Detection by Synthetic Aperture Radar.pdf          | 182  |
| 22236 | <b>Radars, UWB et guerre électronique\Radars bistatiques</b>               |   |      |
| 22237 | 24/06/15   | GRAVES (système).pdf                                    | 101  |
| 22238 | 07/07/15   | Graves Echo Analysis.pdf                                | 1625 |
| 22239 | 24/06/15   | Système Graves.pdf                                      | 6732 |
| 22240 | <b>Radars, UWB et guerre électronique\Radars en VHF</b>                    |   |      |
| 22241 | 05/03/13   | EISCAT_3D Arbitrary Waveform Exciter.pdf                | 303  |
| 22242 | 02/04/13   | VHF aircraft radar able to detect hidden IEDs.pdf       | 97   |
| 22243 | 10/02/16   | VHF meteor radar measurements.pdf                       | 170  |
| 22244 | <b>Radars, UWB et guerre électronique\Radars scientifiques et météo</b>    |   |      |
| 22245 | 05/10/12   | Backscatter from polar mesospheric layers.pdf           | 953  |
| 22246 | 14/10/13   | Horizontal structures at mesospheric altitudes.pdf      | 1405 |
| 22247 | 15/07/13   | Hornets Biological THF RADAR.pdf                        | 291  |
| 22248 | 12/10/06   | Le radar harmonique & animaux.pdf                       | 251  |
| 22249 | 05/10/12   | MAARSY - MST radar on Andrya.pdf                        | 2138 |
| 22250 | 14/10/13   | Middle Atmosphere Alomar Radar System (MAARSY).pdf      | 601  |
| 22251 | 05/10/12   | Middle Atmosphere Alomar Radar System.pdf               | 1123 |
| 22252 | 28/11/10   | Polarimetric X-band weather radar.pdf                   | 668  |
| 22253 | 01/06/09   | Polarisation of weather radar.pdf                       | 314  |
| 22254 | 18/08/12   | Radar measurements of mean winds and tides.pdf          | 391  |
| 22255 | 08/02/16   | Radiation pattern of the VHF MST radar MAARSY.pdf       | 466  |
| 22256 | 19/08/12   | Solid particle flows in pneumatic conveying systems.pdf | 373  |
| 22257 | 08/02/10   | Weather radar measurements.pdf                          | 314  |

| 22258 | Radars, UWB et guerre électronique\UWB, Propagation d'impulsions & antennes |  |      |
|-------|---|--|------|
| 22259 | 12/10/09  | Antenna Effect on UWB Pulse Shape.pdf                | 189  |
| 22260 | 23/10/11  | Buried Target and UWB Radars.pdf                     | 2198 |
| 22261 | 21/03/08  | Characteristics of UWB Signals.pdf                   | 2211 |
| 22262 | 29/08/11  | Coexistence of Ultra Wideband with OFDM.pdf          | 570  |
| 22263 | 27/03/08  | Double Exponential Pulse (EMP, UWB).pdf              | 225  |
| 22264 | 02/03/09  | Field Absorbing Boundary Conditions.pdf              | 93   |
| 22265 | 03/09/07  | Filters Suppressing UWB Pulses.pdf                   | 136  |
| 22266 | 03/01/05  | Ground Penetrating Radar.pdf                         | 281  |
| 22267 | 01/03/13  | Ground-Penetrating-Radar Systems.pdf                 | 161  |
| 22268 | 03/06/07  | Hardening Electronics against UWB.pdf                | 596  |
| 22269 | 31/08/07  | Propagation of UWB Transients.pdf                    | 332  |
| 22270 | 30/03/10  | Pulse Responses of Fractal Monopole.pdf              | 378  |
| 22271 | 05/10/12  | Reconfigurable ultra-wideband transmitter.pdf        | 242  |
| 22272 | 16/12/07  | RF UWB Electromagnetic Penetration.pdf               | 624  |
| 22273 | 02/03/09  | Scattering with Wavelet Expansions.pdf               | 254  |
| 22274 | 25/12/02  | Thèse Pecastaing.pdf                                 | 2994 |
| 22275 | 07/05/12  | Transient Testing with UWB Signals.pdf               | 156  |
| 22276 | 30/10/08  | Tunable CMOS UWB Pulse Generator.pdf                 | 338  |
| 22277 | 05/03/13  | Ultra Wideband Polarimetric Transient Signatures.pdf | 77   |
| 22278 | 16/12/07  | Ultra-Wideband Radar.pdf                             | 147  |
| 22279 | 24/09/13  | Ultrawideband Surveillance Radar.pdf                 | 949  |
| 22280 | 29/10/08  | USB Backdoor coupling of UWB pulses.pdf              | 586  |
| 22281 | 26/10/12  | Using Time Sidelobe Measurements.pdf                 | 422  |
| 22282 | 21/11/10  | UWB impulse radio transceiver.pdf                    | 332  |
| 22283 | 28/11/10  | UWB near-field measurement facility.pdf              | 229  |
| 22284 | 21/03/08  | UWB Probability Distributions.pdf                    | 2869 |
| 22285 | 27/08/08  | UWB protection against HPM.pdf                       | 176  |
| 22286 | 13/03/12  | UWB Pulse Propagation in Power Cables.pdf            | 132  |
| 22287 | 25/01/09  | UWB pulse radio transceiver.pdf                      | 341  |
| 22288 | 28/10/08  | UWB pulses into complex PCB lines.pdf                | 249  |
| 22289 | 20/08/09  | UWB Pulses to Short Signal Traces.pdf                | 218  |
| 22290 | 02/09/07  | UWB SE in an open TEM waveguide.pdf                  | 173  |
| 22291 | 10/12/07  | UWB Susceptibility of Devices.pdf                    | 218  |
| 22292 | 26/10/08  | UWB Transient in LV Power Networks.pdf               | 1058 |

|       |   |   |      |
|-------|---|---|------|
| 22293 | 03/09/07  | UWB-Investigation of Protection Devices.pdf           | 60   |
| 22294 |   |   |      |
| 22295 | <b>Radio - TV</b>                                 |   |      |
| 22296 |   |   |      |
| 22297 | <b>Radio - TV\Amplificateurs et mélangeurs RF</b> |   |      |
| 22298 | 25/09/13  | 60-GHz CMOS Up-Conversion Mixer.pdf                   | 249  |
| 22299 | 14/08/15  | API Brochure - RF & Microwave Amplifiers.pdf          | 2547 |
| 22300 | 28/05/15  | Basics of RF Amplifier Test with the VNA.pdf          | 3082 |
| 22301 | 01/03/13  | Design of a 10 GHz helix TWT.pdf                      | 211  |
| 22302 | 01/03/13  | Digital Predistortion Challenges.pdf                  | 301  |
| 22303 | 05/03/13  | Efficiency Improvement of Power Amplifiers.pdf        | 216  |
| 22304 | 01/03/13  | Envelope Elimination and Restoration Transmitter.pdf  | 242  |
| 22305 | 01/03/13  | Gain Sensitivities of A Microwave Amplifier.pdf       | 301  |
| 22306 | 05/03/13  | High Power S-Band GaN MMIC.pdf                        | 266  |
| 22307 | 25/09/13  | High-Voltage Driving 60 GHz Power Amplifier.pdf       | 197  |
| 22308 | 01/03/13  | Nonlinear RF Power Amplifier Behavioural Analysis.pdf | 337  |
| 22309 | 23/10/11  | PAPR reduction and digital predistortion.pdf          | 250  |
| 22310 | 01/03/13  | Peak power control in Cognitive Radios.pdf            | 141  |
| 22311 | 01/03/13  | Peak to Average Power Ratio (PAPR).pdf                | 238  |
| 22312 | 14/08/15  | Spectrum Microwave - High Linearity RF Amps.pdf       | 1612 |
| 22313 | <b>Radio - TV\Cognitive Radio Systems</b>         |   |      |
| 22314 | 04/03/13  | A Cooperative Resource Allocation Strategy.pdf        | 135  |
| 22315 | 04/03/13  | Automatic Modulation Classification.pdf               | 220  |
| 22316 | 04/03/13  | DTV Spectrum Sensing with Pilot Tone Filtering.pdf    | 207  |
| 22317 | 04/03/13  | Hybrid Spectrum Sensing Architecture.pdf              | 275  |
| 22318 | 04/03/13  | Multi-User Chirp Modulation Signals.pdf               | 203  |
| 22319 | 04/03/13  | Opportunistic Secondary Spectrum Access.pdf           | 320  |
| 22320 | 04/03/13  | Spatial and Spectral Detection Approach.pdf           | 237  |
| 22321 | 04/03/13  | White Spaces Communications in Europe.pdf             | 171  |
| 22322 | <b>Radio - TV\Compression &amp; transport</b>     |   |      |
| 22323 | 19/03/06  | ATSC DTV Standard.pdf                                 | 712  |
| 22324 | 10/06/03  | BBC019-DTV services.pdf                               | 221  |
| 22325 | 28/07/07  | BBC023 Digital Television services.pdf                | 665  |
| 22326 | 12/03/04  | BBC027-All-Digital future.pdf                         | 226  |
| 22327 | 28/07/07  | BBC029-DTT Tests.pdf                                  | 61   |

|       |   |   |      |
|-------|---|---|------|
| 22328 | 10/06/03  | BBC037-TPEG Library.pdf                                 | 109  |
| 22329 | 10/06/03  | BBC042-EPG data capture.pdf                             | 89   |
| 22330 | 10/06/03  | BBC044-Video compression.pdf                            | 147  |
| 22331 | 10/06/03  | BBC046-Metavision.pdf                                   | 82   |
| 22332 | 28/07/07  | BBC052-Spectrum for DR cameras.pdf                      | 214  |
| 22333 | 29/09/08  | BBC169 High Frame-Rate Television.pdf                   | 173  |
| 22334 | 22/03/09  | H.323.pdf   | 136  |
| 22335 | 31/10/06  | MPEG 2 Poster.pdf                                       | 439  |
| 22336 | 28/01/07  | NTIA 417 Video Scaling Estimation .pdf                  | 347  |
| 22337 | 02/12/07  | Testing Digital Video.pdf                               | 200  |
| 22338 | 16/12/06  | Video Quality Measurement Techniques.pdf                | 1051 |
| 22339 | <b>Radio - TV\DAB</b>                                 |   |      |
| 22340 | 10/06/03  | BBC006-DAB problems.pdf                                 | 174  |
| 22341 | 28/07/07  | BBC061-Eureka DAB System.pdf                            | 557  |
| 22342 | 28/07/07  | BBC100-DAB receiver testing.pdf                         | 270  |
| 22343 | 28/07/07  | BBC120-On-channel DAB Repeater.pdf                      | 110  |
| 22344 | 10/11/02  | Codage DAB.pdf  | 494  |
| 22345 | 10/11/02  | COFDM - DAB Itis.pdf                                    | 197  |
| 22346 | 10/11/02  | COFDM codage DAB.pdf                                    | 494  |
| 22347 | 29/05/03  | DAB démodée.pdf   | 84   |
| 22348 | 09/12/13  | metteurs DAB.pdf  | 287  |
| 22349 | 16/09/06  | Technical Advances in DAB.pdf                           | 543  |
| 22350 | <b>Radio - TV\Diversité, étalement et coexistence</b> |   |      |
| 22351 | 16/07/15  | Co-Channel Interference Model for SST.pdf               | 1169 |
| 22352 | 16/05/03  | Diversité - Canaux sélectifs.pdf                        | 336  |
| 22353 | 22/03/09  | Echo Cancellation.pdf                                   | 101  |
| 22354 | 24/07/15  | Portable Radio Transmitters Used in Close Proximity.pdf | 192  |
| 22355 | 10/04/15  | Wireless Coexistence Design.pdf                         | 408  |
| 22356 | <b>Radio - TV\DRM &amp; Digital Radio</b>             |   |      |
| 22357 | 10/06/03  | BBC016-DRM operation.pdf                                | 105  |
| 22358 | 10/06/03  | BBC022-DRM Validation.pdf                               | 68   |
| 22359 | 10/06/03  | BBC032-DRM tests results.pdf                            | 83   |
| 22360 | 10/06/03  | BBC049-Tropical DRM.pdf                                 | 192  |
| 22361 | 12/03/04  | BBC059-DRM perspective.pdf                              | 70   |
| 22362 | 28/07/07  | BBC064-DRM below 30 MHz.pdf                             | 1643 |

|       |   |  |      |
|-------|---|--|------|
| 22363 | 28/07/07  | BBC094-DRM reception diversity.pdf                               | 898  |
| 22364 | 28/07/07  | BBC095-DRM Networks.pdf  | 102  |
| 22365 | 05/12/05  | BBC107-Digital Radio.pdf   | 1652 |
| 22366 | 05/12/05  | BBC109-DRM.pdf   | 1581 |
| 22367 | 19/01/09  | BBC152-DRM International Radio Services.pdf                      | 4226 |
| 22368 | 04/06/09  | BBC174 DRM Reception Results.pdf                                 | 980  |
| 22369 | 02/10/11  | BBC199 Result of DRM in UK.pdf                                   | 3835 |
| 22370 | 29/05/03  | Codage DRM.pdf   | 216  |
| 22371 | 29/05/03  | Definitions DRM.pdf  | 213  |
| 22372 | 12/03/04  | Digital radio.pdf  | 883  |
| 22373 | 28/05/03  | DRM.pdf  | 29   |
| 22374 | 31/10/05  | Modulation DRM.pdf   | 788  |
| 22375 | 29/05/03  | Spécif ETSI DRM.pdf  | 963  |
| 22376 | 09/12/13  | Système DRM de radiodiffusion numérique.pdf                      | 817  |
| 22377 | 07/02/11  | Transient Perturbation Analysis in Digital Radio.pdf             | 995  |
| 22378 | <b>Radio - TV\Emetteurs &amp; récepteurs</b>        |  |      |
| 22379 | 01/03/13  | Burst Mode as an Efficiency Enhancement.pdf                      | 131  |
| 22380 | 09/12/13  | Emetteurs de forte puissance ... état solide.pdf                 | 221  |
| 22381 | 09/12/13  | metteurs FM.pdf  | 733  |
| 22382 | 09/12/13  | metteurs ondes courtes de radiodiffusion 250 kW.pdf              | 250  |
| 22383 | 26/10/12  | metteurs radio - Caractéristiques et conception.pdf              | 176  |
| 22384 | 09/12/13  | metteurs radioélectriques - Caractéristiques et conception.pdf   | 182  |
| 22385 | 09/12/13  | metteurs TV terrestres - Amplification linéaire de puissance.pdf | 610  |
| 22386 | 09/12/13  | quipements complémentaires des récepteurs.pdf                    | 257  |
| 22387 | 26/10/12  | Mesures électriques sur les récepteurs.pdf                       | 157  |
| 22388 | 26/10/12  | Récepteurs radio conception.pdf                                  | 507  |
| 22389 | 09/12/13  | Récepteurs radioélectriques - Caractéristiques et conception.pdf | 507  |
| 22390 | <b>Radio - TV\Filtres, coupleurs et résonateurs</b> |  |      |
| 22391 | 20/11/14  | 18 GHz bandwidth Channel Emulator using a FIR filter.pdf         | 496  |
| 22392 | 20/11/14  | 3D Printing based Channel Emulator.pdf                           | 625  |
| 22393 | 21/10/15  | Acceptable Crosstalk of Parallel Coupled Ring Resonator.pdf      | 283  |
| 22394 | 01/03/13  | ASIC Implementation of Frequency Equalizer.pdf                   | 188  |
| 22395 | 26/03/14  | Cellular Backhaul Networks.pdf                                   | 281  |
| 22396 | 26/03/14  | Ceramic Filters.pdf  | 361  |
| 22397 | 25/09/14  | Channel combiners for RF transmitters.pdf                        | 1413 |



|       |  |   |      |
|-------|--|---|------|
| 22398 | 15/10/13   | Eigenvalue extraction from time domain.pdf                        | 992  |
| 22399 | 20/11/14   | Electro-Mechanical Structures for Channel Emulation.pdf           | 1078 |
| 22400 | 12/01/11   | Filter Technology for Spectrum Management.pdf                     | 643  |
| 22401 | 27/08/11   | Hybrid Microstrip T-Stub Bandpass Filter.pdf                      | 984  |
| 22402 | 26/03/14   | LC Design Guide.pdf   | 363  |
| 22403 | 24/11/13   | Low-Pass Filters with Ultra-Wide Stopband.pdf                     | 291  |
| 22404 | 04/03/13   | Microwave Dual-Band Bandstop Filters.pdf                          | 282  |
| 22405 | 26/03/14   | RF Filter Design Guide.pdf  | 603  |
| 22406 | 26/03/14   | RF Filters Key Parameters.pdf                                     | 82   |
| 22407 | 26/03/14   | Specifying RF Filters.pdf   | 97   |
| 22408 | 26/03/14   | Useful RF Filter Definitions.pdf                                  | 257  |
| 22409 | <b>Radio - TV\Formation et rapports techniques</b> |   |      |
| 22410 | 13/06/14   | Introduction ... la RF scientifique.pdf                           | 4331 |
| 22411 | 28/01/07   | NTIA 02-395 Known Noise Power Ratio.pdf                           | 4027 |
| 22412 | 08/07/07   | NTIA Advanced Radio Technologies 03.pdf                           | 2775 |
| 22413 | 08/07/07   | NTIA Advanced Radio Technologies 04.pdf                           | 3536 |
| 22414 | 28/01/07   | NTIA Advanced Radio Technologies 05.pdf                           | 8729 |
| 22415 | 17/12/06   | NTIA Advanced Radio Technologies 06.pdf                           | 4489 |
| 22416 | 28/05/12   | Radio Cellulaire ... Accès Partagé.pdf                            | 687  |
| 22417 | <b>Radio - TV\Global IP Network - Intranet</b>     |   |      |
| 22418 | 25/02/15   | BBC242 Home Inter-Device Communication.pdf                        | 290  |
| 22419 | 18/08/12   | Classifying user states in next generation networks.pdf           | 619  |
| 22420 | <b>Radio - TV\GPS et Navwar</b>                    |   |      |
| 22421 | 17/05/15   | 98-346 DGPS Field Strength Measurements.pdf                       | 1979 |
| 22422 | 17/05/15   | Compatibility between UWB and GPS Receivers.pdf                   | 465  |
| 22423 | 17/05/15   | Do We Need Augmentation Systems.pdf                               | 320  |
| 22424 | 17/05/15   | Interference resistance in Modern GNSS receivers.pdf              | 962  |
| 22425 | 17/05/15   | NAVWAR Positioning Technology.pdf                                 | 589  |
| 22426 | 17/05/15   | Processes for interference mitigation and testing.pdf             | 1408 |
| 22427 | 17/05/15   | TR-01-384 Interference to GPS from UWB Transmitters.pdf           | 2331 |
| 22428 | 17/05/15   | TR-01-389 Interference to GPS Receivers from UWB Transmitters.pdf | 1666 |
| 22429 | <b>Radio - TV\GSM, DECT et LTE</b>                 |   |      |
| 22430 | 11/10/13   | 5G Millimeter Wave Mobile Communications.pdf                      | 2263 |
| 22431 | 18/08/12   | Challenges for Wireless Mesh Networks.pdf                         | 499  |
| 22432 | 08/02/16   | Dynamic spectrum allocation in LTE.pdf                            | 310  |

|       |  |   |      |
|-------|--|---|------|
| 22433 | 10/10/11   | EMI Tests for 900 MHz Frequency-Hopping.pdf                 | 230  |
| 22434 | 07/10/04   | GSM Canaux logiques.pdf                                     | 98   |
| 22435 | 11/07/12   | GSM-R Communications in Rail Environment.pdf                | 509  |
| 22436 | 27/05/04   | Interface Radio GSM.pdf                                     | 186  |
| 22437 | 19/12/14   | Millimeter Wave Mobile for 5G.pdf                           | 1246 |
| 22438 | 16/05/03   | Modulation_DECT.pdf   | 165  |
| 22439 | 11/10/13   | Pushing the Limits of LTE.pdf                               | 712  |
| 22440 | 23/12/15   | Radiated Transients Interference to the GSM System.pdf      | 315  |
| 22441 | 16/05/03   | Spectre GSM.pdf   | 241  |
| 22442 | 24/10/14   | Time Dependence of E Field - Base Station.pdf               | 2581 |
| 22443 | 18/02/16   | TR-15-512 Emission Spectrum of 3.5 GHz LTE Hotspot.pdf      | 2027 |
| 22444 | 14/10/13   | Tracking of a radio frequency amplifier for LTE.pdf         | 192  |
| 22445 | <b>Radio - TV\Hopping - Choix de fréquence</b>               |   |      |
| 22446 | 13/12/06   | Dynamic Frequency Selection.pdf                             | 186  |
| 22447 | 15/11/08   | Frequency Selective Windows.pdf                             | 455  |
| 22448 | <b>Radio - TV\Ingénierie, sites, remèdes &amp; évolution</b> |   |      |
| 22449 | 14/05/12   | Amplifier with Digital Predistortion for WiMAX.pdf          | 454  |
| 22450 | 16/05/03   | ANFR_Rapport_CCE2.pdf                                       | 380  |
| 22451 | 22/02/11   | Antenna Co-Site Performance Analysis 1.pdf                  | 460  |
| 22452 | 24/02/11   | Antenna Co-Site Performance Analysis 2.pdf                  | 507  |
| 22453 | 22/02/11   | Automated Cosite Interference Analysis.pdf                  | 141  |
| 22454 | 06/10/14   | BBC Site Protection & Exclusion Zone.pdf                    | 379  |
| 22455 | 11/04/09   | BBC173 Three-Dimensional Television.pdf                     | 204  |
| 22456 | 12/03/04   | BBC-site protection.pdf                                     | 195  |
| 22457 | 28/11/10   | Broadband single-side-band mixer.pdf                        | 179  |
| 22458 | 21/03/09   | Broadcast Reference Book Chapter5.pdf                       | 1298 |
| 22459 | 04/12/04   | CDMA Co-channel Interference.pdf                            | 199  |
| 22460 | 23/09/14   | CDMA Interference Identification & Resolution.pdf           | 1479 |
| 22461 | 22/02/11   | Cosite Interference Prediction.pdf                          | 394  |
| 22462 | 02/06/12   | Couplage EM entre circuits intégrés.pdf                     | 4698 |
| 22463 | 23/11/13   | Distributed Wireless Coexistence and Immunity Hardening.pdf | 350  |
| 22464 | 21/05/12   | FPGAs in Software Radio Systems Ed6.pdf                     | 1859 |
| 22465 | 07/05/15   | Fundamentals of RF Design - Keysight.pdf                    | 3270 |
| 22466 | 05/06/04   | Fylde Site engineering.pdf                                  | 886  |
| 22467 | 30/05/09   | GPS CMOS low noise amplifiers.pdf                           | 234  |

|       |   |  |      |
|-------|---|--|------|
| 22468 | 28/05/12  | Ingenierie et déploiement cellulaires.pdf            | 2060 |
| 22469 | 20/08/09  | Method to Analyse Anti-jamming Receiver.pdf          | 171  |
| 22470 | 04/03/13  | Mitigation Techniques for Enhancing Mobile Radio.pdf | 319  |
| 22471 | 21/08/06  | Modulation Fundamentals.pdf                          | 436  |
| 22472 | 11/01/14  | On the Wave Tilt at High Frequencies.pdf             | 39   |
| 22473 | 17/05/03  | Radio Fundamentals.pdf                               | 413  |
| 22474 | 04/03/13  | Radio technology for mobile communications.pdf       | 413  |
| 22475 | 03/08/08  | RF Cavity Design - Jensen.pdf                        | 4928 |
| 22476 | 03/08/08  | RF Engineering Basic Concepts.pdf                    | 1188 |
| 22477 | 30/05/09  | RF front-end design.pdf                              | 173  |
| 22478 | 21/02/13  | Software Defined Radio Handbook Ed9.pdf              | 1628 |
| 22479 | 12/10/09  | Spurious Emissions from RF Circuits.pdf              | 307  |
| 22480 | 21/03/09  | The Evolution of Broadband.pdf                       | 212  |
| 22481 | 06/09/05  | Two-tone HF EM Excitation.pdf                        | 106  |
| 22482 | <b>Radio - TV\Intermodulation et non-linéarités</b> |  |      |
| 22483 | 09/12/14  | Anritsu PIM Troubleshooting.pdf                      | 89   |
| 22484 | 08/12/14  | Boonton-PIM31 Datasheet.pdf                          | 250  |
| 22485 | 16/07/15  | Estimation of the Third-Order Harmonic Emissions.pdf | 433  |
| 22486 | 07/11/15  | Intermodulation Distortion Measurements.pdf          | 267  |
| 22487 | 20/01/14  | IP2 and IP3 Nonlinearity Specifications.pdf          | 341  |
| 22488 | 17/07/15  | ITU-R M.1090_94 Non-Linear Transponders.pdf          | 41   |
| 22489 | 17/07/15  | ITU-R SM.1134_95 Intermodulation calculations.pdf    | 31   |
| 22490 | 17/07/15  | ITU-R SM2021 Intermodulation des émetteurs.pdf       | 395  |
| 22491 | 17/07/15  | IUT-R SM.1446_00 PI émetteur Definition & mesure.pdf | 244  |
| 22492 | 08/12/14  | Keysight PIM Characterization.pdf                    | 174  |
| 22493 | 03/01/13  | Measurement of 3rd Order Intermod Products.pdf       | 93   |
| 22494 | 07/11/15  | Passive Intermodulation Distortion in Connectors.pdf | 402  |
| 22495 | 08/12/14  | Passive Intermodulation in connectors & cables.pdf   | 309  |
| 22496 | 07/11/15  | Passive Intermodulation on Microstrip Lines.pdf      | 272  |
| 22497 | 07/11/15  | PIM Happens Brochure.pdf                             | 418  |
| 22498 | 09/12/14  | PIM in the RF Path.pdf                               | 2690 |
| 22499 | 08/12/14  | PIM Kaelus test equipment.pdf                        | 786  |
| 22500 | 06/05/15  | PIM Testing & Advanced Circuit Materials.pdf         | 1076 |
| 22501 | 08/12/14  | Resolving RF Interference to CDMA Systems.pdf        | 1334 |
| 22502 | 17/07/15  | UIT R1049_90 Réduction des PIP (PIMs).pdf            | 471  |

|       |  |   |      |
|-------|--|---|------|
| 22503 | 17/07/15   | UIT-R M739-1 Brouillage par PI.pdf                            | 693  |
| 22504 | <b>Radio - TV\Internet des objets et RF MEMS</b> |   |      |
| 22505 | 17/09/15   | Electronic Noise & the Internet of Things.pdf                 | 268  |
| 22506 | 14/10/13   | RF MEMS based matching networks.pdf                           | 1289 |
| 22507 | 14/10/13   | RF MEMS based switch matrix.pdf                               | 2917 |
| 22508 | <b>Radio - TV\Medical radio</b>                  |   |      |
| 22509 | 27/02/13   | Implantable Wireless Telemetry.pdf                            | 83   |
| 22510 | 27/02/13   | Implanted RFID Tag for Passive Vascular Monitoring.pdf        | 197  |
| 22511 | 24/02/14   | Medical ZigBee.pdf  | 812  |
| 22512 | 24/02/14   | ZigBee Health Care.pdf  | 249  |
| 22513 | <b>Radio - TV\Mesures et tests en radio</b>      |   |      |
| 22514 | 07/12/13   | Analyseurs de Fourier.pdf                                     | 593  |
| 22515 | 07/12/13   | Analyseurs de réseaux en micro-ondes.pdf                      | 440  |
| 22516 | 07/12/13   | Combinaison de réseaux linéaires 6-port.pdf                   | 277  |
| 22517 | 11/10/13   | Compact Test Platform for Wireless Design.pdf                 | 430  |
| 22518 | 14/04/15   | Effective Receiver Sensitivity Measurement.pdf                | 190  |
| 22519 | 14/04/15   | Eliminating Non-Linear RSS Reporting Error.pdf                | 213  |
| 22520 | 21/06/14   | Group Delay and Phase Measurement on Frequency Converters.pdf | 788  |
| 22521 | 03/01/13   | Low Cost Coupling Methods.pdf                                 | 172  |
| 22522 | 06/10/14   | Measure Out-of-Band Noise of IEEE 802.11.pdf                  | 512  |
| 22523 | 10/04/15   | Measurement Techniques for Wireless Technologies.pdf          | 1755 |
| 22524 | 08/09/14   | Measuring ACLR Performance in LTE Transmitters.pdf            | 472  |
| 22525 | 03/01/13   | Measuring I-Q Phase and Delay Errors.pdf                      | 180  |
| 22526 | 09/12/13   | Mesures électriques sur les récepteurs.pdf                    | 157  |
| 22527 | 07/12/13   | Mesures en RF - Méthodes de mesure et appareillage.pdf        | 728  |
| 22528 | 07/12/13   | Mesures radioélectriques sur les antennes.pdf                 | 164  |
| 22529 | 19/06/14   | Noise and Spur-Suppression Techniques.pdf                     | 637  |
| 22530 | 26/03/15   | On site RF troubleshooting.pdf                                | 2060 |
| 22531 | 11/10/13   | Performance measurements of Wireless Devices.pdf              | 2943 |
| 22532 | 25/09/13   | Power Noise and Side-Channel Analysis.pdf                     | 2409 |
| 22533 | 05/07/14   | Puissance PEP, puissance moyenne.pdf                          | 295  |
| 22534 | 28/12/12   | Reducing Measurement Times in RCS Applications.pdf            | 612  |
| 22535 | 02/01/14   | RF Signal Generators.pdf                                      | 1345 |
| 22536 | 28/12/12   | Rise-Fall Time on an RF Pulsed Power Amplifier.pdf            | 243  |
| 22537 | 01/03/13   | Six-Port Wave Correlator Theory.pdf                           | 266  |

|       |   |  |      |
|-------|---|--|------|
| 22538 | 19/06/14  | Spectrum Analysis Basics AN150.pdf                         | 4783 |
| 22539 | 23/07/15  | Testing for 5G?.pdf  | 261  |
| 22540 | 02/01/14  | Testing Very High Throughput 802.11ac Signals.pdf          | 637  |
| 22541 | 10/04/15  | Understanding Radiated Spurious Emission (RSE) Testing.pdf | 1155 |
| 22542 | 03/01/13  | WCDMA ACPR, AltCPR and Noise Measurements.pdf              | 75   |
| 22543 | <b>Radio - TV\MIMO et utilisation des réseaux</b> |  |      |
| 22544 | 19/08/12  | Car-to-X communications.pdf                                | 1422 |
| 22545 | 04/03/13  | Distributed MIMO interference alignment.pdf                | 146  |
| 22546 | 14/10/13  | Energy efficient MIMO detector.pdf                         | 254  |
| 22547 | 17/10/14  | Limiting Factors for Distributed MIMO System.pdf           | 214  |
| 22548 | 29/01/13  | MIMO Device Performance Measurements.pdf                   | 1595 |
| 22549 | 19/08/12  | MIMO OFDM channel estimation.pdf                           | 187  |
| 22550 | 19/08/12  | Multi channel coupling based approach.pdf                  | 279  |
| 22551 | 19/08/12  | Multi-casting in heterogeneous radio networks.pdf          | 505  |
| 22552 | 19/08/12  | Physical layer results for IEEE 802.15.3c.pdf              | 173  |
| 22553 | 21/11/14  | Radiated Two Stage MIMO Test Method.pdf                    | 725  |
| 22554 | 30/12/14  | Radiated Two-Stage Method for LTE MIMO.pdf                 | 302  |
| 22555 | 11/10/13  | Two Stage Method for MIMO Throughput Test.pdf              | 1079 |
| 22556 | <b>Radio - TV\Modulation et constallations</b>    |  |      |
| 22557 | 19/08/12  | Combined constellation shaping with BICM-ID.pdf            | 203  |
| 22558 | 04/03/13  | Phase in the Presence of Phase Distortions.pdf             | 191  |
| 22559 | 10/09/14  | R&S Intro ... la modulation numérique.pdf                  | 7051 |
| 22560 | 08/07/15  | Spectrum Signal Identification.pdf                         | 3856 |
| 22561 | <b>Radio - TV\OFDM radio - TV</b>                 |  |      |
| 22562 | 10/11/02  | COFDM - ITIS.pdf   | 160  |
| 22563 | 10/11/02  | COFDM TV.pdf   | 460  |
| 22564 | 01/03/13  | Crest Factor Reduction through Scaling.pdf                 | 195  |
| 22565 | 04/03/13  | Decode-and-forward OFDM relay system.pdf                   | 188  |
| 22566 | 16/07/13  | Effects of phase noise in COFDM.pdf                        | 440  |
| 22567 | 17/09/06  | EPFL OFDM Modulation.pdf                                   | 4546 |
| 22568 | 01/03/13  | High Power RF Amplifiers in OFDM Transmitters.pdf          | 387  |
| 22569 | 06/10/14  | Intermittent OFDM Transmitter Saturation.pdf               | 131  |
| 22570 | 26/03/14  | LED Lamp and OFDM BER Performance.pdf                      | 702  |
| 22571 | 01/03/13  | Low Complexity Ultra-Wideband OFDM.pdf                     | 581  |
| 22572 | 28/11/10  | MIMO-OFDM equaliser for spatial multiplexing.pdf           | 109  |

|       |   |   |      |
|-------|---|---|------|
| 22573 | 08/07/07  | OFDM & HDTV.pdf   | 2818 |
| 22574 | 22/03/09  | OFDM for Mobile Data Communications.pdf                         | 416  |
| 22575 | 17/09/06  | OFDM for Wireless Networks.pdf                                  | 1374 |
| 22576 | 10/04/09  | Power Measurements of OFDM Signals.pdf                          | 211  |
| 22577 | 27/07/12  | Wireless OFDM.pdf   | 477  |
| 22578 | <b>Radio - TV\Radio numérique et logicielle</b> |   |      |
| 22579 | 10/06/03  | BBC027-All-Digital future.pdf                                   | 226  |
| 22580 | 10/06/03  | BBC051-DTT audio.pdf  | 193  |
| 22581 | 14/01/10  | BBC151 Digital Broadcast Reception.pdf                          | 1156 |
| 22582 | 26/08/08  | Digital baseband WCDMA receiver.pdf                             | 93   |
| 22583 | 14/11/07  | Digital Radio Receiver Performance.pdf                          | 250  |
| 22584 | 30/06/02  | Digital radio.pdf   | 883  |
| 22585 | 24/05/03  | Etude NGN.pdf   | 1790 |
| 22586 | 15/10/13  | Extension of a GNU-Radio RFID reader.pdf                        | 272  |
| 22587 | 31/10/05  | ISER_TD1.pdf  | 477  |
| 22588 | 28/05/15  | Keysight Debug of Digital Radio Systems.pdf                     | 1343 |
| 22589 | 31/10/05  | Modulation numérique.pdf  | 654  |
| 22590 | 01/12/05  | Modulation pour mobiles.pdf                                     | 108  |
| 22591 | 16/05/03  | Modulations_numériques.pdf                                      | 574  |
| 22592 | 26/03/15  | Principe de base de la modulation numérique.pdf                 | 2191 |
| 22593 | 17/05/03  | Radio mobile numérique.pdf                                      | 186  |
| 22594 | 01/01/08  | Radio numérique 2007.pdf  | 484  |
| 22595 | 27/08/07  | RF and IF Digitization.pdf                                      | 807  |
| 22596 | 02/09/08  | Software Defined Radio (SDR).pdf                                | 124  |
| 22597 | 15/02/16  | Software Radio Technology.pdf                                   | 280  |
| 22598 | 04/03/13  | Statistical Methods for Digital Receiver RFI.pdf                | 231  |
| 22599 | 21/03/09  | Time Division Multiple Access (TDMA).pdf                        | 68   |
| 22600 | <b>Radio - TV\Radioastronomie</b>               |   |      |
| 22601 | 04/03/13  | Interference detection results with LOFAR.pdf                   | 145  |
| 22602 | 04/03/13  | IUCAF Activity in 2008 - 2011.pdf                               | 118  |
| 22603 | 04/03/13  | Low Frequency Astronomy Challenge.pdf                           | 274  |
| 22604 | 10/02/16  | Planetary radio astronomy - Earth, giant planets and beyond.pdf | 677  |
| 22605 | 04/03/13  | Radio Quiet Zones and the Square Kilometre Array.pdf            | 144  |
| 22606 | 09/12/13  | Radioastronomie.pdf   | 599  |
| 22607 | 04/03/13  | RFI Mitigation in Radio Astronomy.pdf                           | 33   |

|       |   |  |      |
|-------|---|--|------|
| 22608 | 04/03/13  | South African SKA Demonstrator Systems.pdf                 | 432  |
| 22609 | 04/03/13  | World Radiocommunication Conference 2012.pdf               | 199  |
| 22610 | <b>Radio - TV\Radiocommunication &amp; CEM</b>        |  |      |
| 22611 | 22/10/11  | Antenna-to-Antenna Coupling Prediction.pdf                 | 1145 |
| 22612 | 22/10/11  | Cosite Interference and Linear Modeling.pdf                | 1152 |
| 22613 | 16/09/03  | Environnement mobiles.pdf                                  | 961  |
| 22614 | 23/01/13  | Method of In Situ Interferences Suppressing.pdf            | 1653 |
| 22615 | 21/10/11  | Predicting Cosite Interference.pdf                         | 113  |
| 22616 | <b>Radio - TV\Radiodiffusion - TV - radioamateurs</b> |  |      |
| 22617 | 09/06/03  | BBC012-AM broadcast.pdf                                    | 91   |
| 22618 | 26/04/04  | BBC079-3dB Sinad Reduction.pdf                             | 332  |
| 22619 | 03/09/08  | FM Radio Band Audio Pre-Compliance.pdf                     | 184  |
| 22620 | 12/03/04  | France Inter étalon.pdf                                    | 287  |
| 22621 | 05/12/04  | IEEE 187.pdf   | 96   |
| 22622 | 30/09/05  | jazz en louisiane.pdf                                      | 87   |
| 22623 | 18/05/03  | Modulations analogiques.pdf                                | 471  |
| 22624 | 16/05/03  | News TDF.pdf   | 344  |
| 22625 | 09/12/13  | Radioamateurs.pdf  | 318  |
| 22626 | 09/12/13  | Radiodiffusion sonore et télévisuelle.pdf                  | 1153 |
| 22627 | 07/10/14  | Reception des ondes EM.pdf                                 | 372  |
| 22628 | 09/12/13  | Service NICAM en L-SECAM.pdf                               | 98   |
| 22629 | 18/08/12  | Traditional protection ratios in FM sound broadcasting.pdf | 182  |
| 22630 | <b>Radio - TV\Radiolocalisation, GPS &amp; autres</b> |  |      |
| 22631 | 12/04/13  | Biological wireless Positioning.pdf                        | 2962 |
| 22632 | 02/07/03  | Galileo.PDF  | 130  |
| 22633 | 12/08/10  | GPS Jamming at lab.pdf                                     | 61   |
| 22634 | 10/08/10  | GPS Receiver Sensitivity Analysis.pdf                      | 119  |
| 22635 | 10/08/10  | GPS receiver sensitivity.pdf                               | 477  |
| 22636 | 07/06/12  | GPS signals - Wikipedia.pdf                                | 670  |
| 22637 | 02/07/03  | GPS.pdf  | 225  |
| 22638 | 09/12/13  | Identification par radar secondaire (IFF).pdf              | 485  |
| 22639 | 19/08/12  | Iterative least squares method for GPS.pdf                 | 228  |
| 22640 | 09/12/13  | Radiolocalisation - Radionavigation.pdf                    | 1210 |
| 22641 | 09/12/13  | Système GPS de positionnement par satellite.pdf            | 376  |
| 22642 | 19/08/12  | Wireless indoor positioning system.pdf                     | 361  |

|       |  |  |      |
|-------|--|--|------|
| 22643 | <b>Radio - TV\Réglementation, immunité radio</b> |  |      |
| 22644 | 30/06/15   | BBC224 Protection of Programme Making & Special Events.pdf | 447  |
| 22645 | 16/06/10   | Evaluation des modules radio.pdf                           | 1239 |
| 22646 | 16/04/15   | Measuring a Device's Susceptibility to LTE.pdf             | 243  |
| 22647 | 23/07/15   | New European Union Directive Approach for Radio.pdf        | 248  |
| 22648 | 17/06/10   | Réseaux radio très haut débit.pdf                          | 745  |
| 22649 | <b>Radio - TV\Réseaux, FH et services radio</b>  |  |      |
| 22650 | 09/12/13   | Faisceaux hertziens.pdf                                    | 1412 |
| 22651 | 09/12/13   | Radiocommunications personnelles.pdf                       | 604  |
| 22652 | 09/12/13   | Réseau intelligent.pdf                                     | 181  |
| 22653 | 09/12/13   | Réseaux cellulaires - Au-del... du GSM.pdf                 | 129  |
| 22654 | 09/12/13   | Réseaux cellulaires - Introduction.pdf                     | 100  |
| 22655 | 09/12/13   | Réseaux cellulaires - Radiocom 2000.pdf                    | 108  |
| 22656 | 09/12/13   | Réseaux cellulaires - Système CDMA.pdf                     | 203  |
| 22657 | 09/12/13   | Réseaux cellulaires - Système GSM.pdf                      | 321  |
| 22658 | 09/12/13   | Réseaux cellulaires - Systèmes analogiques.pdf             | 127  |
| 22659 | 09/12/13   | Réseaux cellulaires.pdf                                    | 65   |
| 22660 | 09/12/13   | Réseaux de télécommunication militaires.pdf                | 163  |
| 22661 | 09/12/13   | Télécommunications haut débit en ondes millimétriques.pdf  | 250  |
| 22662 | <b>Radio - TV\RF Safety</b>                      |  |      |
| 22663 | 29/01/13   | RF-Based Electronic Safety Equipment.pdf                   | 921  |
| 22664 | <b>Radio - TV\RFID</b>                           |  |      |
| 22665 | 15/08/06   | 13.56 MHz RFID Physical Layer.pdf                          | 296  |
| 22666 | 08/02/16   | Active UHF RFID localization system for fawn.pdf           | 351  |
| 22667 | 21/03/09   | Antenna Circuit Design for RFID.pdf                        | 731  |
| 22668 | 12/11/08   | Antenna for RFID.pdf                                       | 153  |
| 22669 | 26/05/04   | Antenne 134,7 KHz ... enterrer.pdf                         | 64   |
| 22670 | 26/05/04   | Antennes cadre.pdf   | 159  |
| 22671 | 02/04/04   | Antennes patch-.pdf  | 289  |
| 22672 | 25/05/04   | Braudband rectenna.pdf                                     | 424  |
| 22673 | 01/06/04   | Broad-Band Rectenna Arrays.pdf                             | 866  |
| 22674 | 24/05/04   | Capteur de trafic.pdf                                      | 185  |
| 22675 | 25/05/04   | Carte ... puce radio.pdf                                   | 243  |
| 22676 | 24/05/04   | cisco.pdf  | 568  |
| 22677 | 11/03/04   | Collaborative Services.pdf                                 | 55   |



|       |          |   |      |
|-------|----------|---|------|
| 22678 | 11/03/04 | Contactless Smart Card.pdf  | 323  |
| 22679 | 24/05/04 | Contrôleurs d'accès.pdf   | 180  |
| 22680 | 24/05/04 | Corkish.pdf   | 54   |
| 22681 | 08/01/16 | CST - Simulation from Tag to System.pdf                                   | 929  |
| 22682 | 24/05/04 | datasheet_telecommande020117.pdf  | 275  |
| 22683 | 27/05/04 | DESIGN AND EVALUATION RFID.pdf  | 242  |
| 22684 | 31/05/04 | ECCRep007.pdf   | 637  |
| 22685 | 24/05/04 | ELECTRONIQUE et Loisirs magazine - L'électronique pour tous. Sommaire.pdf | 584  |
| 22686 | 25/05/04 | ero-catalog-010112.pdf  | 122  |
| 22687 | 24/05/04 | Frequently Asked Questions about EPCglobal.pdf                            | 416  |
| 22688 | 31/05/04 | Fylde_1331.pdf  | 897  |
| 22689 | 11/03/04 | Gophysical RF Sensor.pdf  | 221  |
| 22690 | 28/10/08 | HF RFID Electromagnetic Emissions.pdf                                     | 292  |
| 22691 | 24/05/04 | High Power Converter of Microwaves into DC.pdf                            | 802  |
| 22692 | 11/03/04 | HPL-98-NFC.pdf  | 42   |
| 22693 | 31/05/04 | humanpower.pdf  | 680  |
| 22694 | 31/05/04 | ICTP Lecture Notes.pdf  | 743  |
| 22695 | 24/05/04 | idem RFID.pdf   | 37   |
| 22696 | 27/05/04 | IEEE_EMBS2000.pdf   | 132  |
| 22697 | 26/05/04 | IER étiquettes radio.pdf  | 385  |
| 22698 | 24/05/04 | IML Link Nø6.pdf  | 206  |
| 22699 | 02/09/07 | Impedance of RFID transponder.pdf   | 229  |
| 22700 | 08/02/16 | Improving the range of UHF RFID transponders.pdf                          | 323  |
| 22701 | 27/02/13 | Indoor Localisation for Complex Building.pdf                              | 146  |
| 22702 | 29/05/04 | Intelligent Tyre System.pdf   | 3086 |
| 22703 | 29/05/04 | ISM Band.pdf  | 444  |
| 22704 | 25/05/04 | ISM.pdf   | 543  |
| 22705 | 25/05/04 | ISM2.pdf  | 301  |
| 22706 | 25/05/04 | Item identification.pdf   | 327  |
| 22707 | 31/05/04 | Laran_WhitePaper_RFID.pdf   | 785  |
| 22708 | 26/05/04 | Lecteur 134,7 KHz.pdf   | 62   |
| 22709 | 24/05/04 | Lecteur piéton.pdf  | 158  |
| 22710 | 27/02/13 | Localization of Passive UHF RFID Labels.pdf                               | 151  |
| 22711 | 05/10/12 | Localization of passive UHF RFID.pdf                                      | 232  |
| 22712 | 31/05/04 | MIT Forum Jan 22, 2003_Rick.pdf   | 2897 |

|       |          |  |      |
|-------|----------|--|------|
| 22713 | 25/05/04 | NASA-2002-iecec-shc.pdf                              | 362  |
| 22714 | 15/11/08 | NFC for Mobile Phones.pdf                            | 1681 |
| 22715 | 20/12/12 | Normes internationales en RFID.pdf                   | 348  |
| 22716 | 25/05/04 | P11.pdf  | 45   |
| 22717 | 28/11/10 | Passive RFID Transponders Positioning.pdf            | 1296 |
| 22718 | 29/05/04 | POLE TRACABILITE RFID.pdf                            | 79   |
| 22719 | 24/05/04 | Portier_p14_15.pdf                                   | 110  |
| 22720 | 24/05/04 | produit_520WL_datasheet_FR.pdf                       | 117  |
| 22721 | 24/05/04 | Rectenna arrays.pdf                                  | 781  |
| 22722 | 24/05/04 | Release Notes.pdf                                    | 81   |
| 22723 | 25/05/04 | Retrodirective control.pdf                           | 1254 |
| 22724 | 24/05/04 | RFID - tel-com.ch.pdf                                | 141  |
| 22725 | 27/02/13 | RFID and Wireless Sensor Nodes.pdf                   | 129  |
| 22726 | 15/11/08 | RFID Compatibility.pdf                               | 2090 |
| 22727 | 24/05/04 | RFID IML Link Nø6.pdf                                | 184  |
| 22728 | 27/05/04 | RFID Principes et Applications.pdf                   | 785  |
| 22729 | 24/05/04 | RFID Radio Frequency Identification.pdf              | 295  |
| 22730 | 25/05/04 | RFID Security and Privacy.pdf                        | 241  |
| 22731 | 29/10/08 | RFID Tag on Glideslope Receivers.pdf                 | 578  |
| 22732 | 24/05/04 | RFID-CNIL.pdf  | 140  |
| 22733 | 27/05/04 | RFID-Handbook - RFID-Frequencies.pdf                 | 141  |
| 22734 | 24/05/04 | RFIDs - vérité au sujet les barcodes.pdf             | 375  |
| 22735 | 25/05/04 | RightTag Reader Datasheet.pdf                        | 171  |
| 22736 | 25/05/04 | RightTag RFID Technology.pdf                         | 856  |
| 22737 | 25/05/04 | SIEGEL Nanodevices.pdf                               | 570  |
| 22738 | 09/10/14 | Software - Hardware Co-Verification for RFID Tag.pdf | 212  |
| 22739 | 25/05/04 | srd_report.pdf                                       | 1802 |
| 22740 | 25/05/04 | ST Smart Card Strategy and Technology.pdf            | 72   |
| 22741 | 27/05/04 | ST Tag LR164.pdf                                     | 64   |
| 22742 | 28/05/04 | Tagging Techniques.pdf                               | 169  |
| 22743 | 31/05/04 | TR 100 220 {VXX1}E01.pdf                             | 438  |
| 22744 | 27/05/04 | Transponder news - RFID.pdf                          | 623  |
| 22745 | 29/05/04 | Transponder News RFID.pdf                            | 2799 |
| 22746 | 29/05/04 | Transponder news.pdf                                 | 404  |
| 22747 | 27/05/04 | Transpondeur 13,56 MHz.pdf                           | 105  |

|       |   |  |      |
|-------|---|--|------|
| 22748 | 11/03/04  | TS 102 190 {v111}E03.pdf                                     | 371  |
| 22749 | 27/02/13  | UHF Resonant Antennas for RFID Applications.pdf              | 150  |
| 22750 | 22/02/11  | UHF RFID with Passive Tags.pdf                               | 208  |
| 22751 | 26/05/04  | Unité centrale 125 kHz.pdf                                   | 91   |
| 22752 | 03/04/09  | Use of RFID-Enabled Labels.pdf                               | 283  |
| 22753 | 11/03/04  | wireless ATM transceiver.pdf                                 | 517  |
| 22754 | 13/10/11  | Wireless Maximum Transferred Power.pdf                       | 424  |
| 22755 | 25/05/04  | Wireless_Solutions_for_Home.pdf                              | 246  |
| 22756 | 27/02/13  | XTEA based Authentication Protocol for RFID.pdf              | 84   |
| 22757 | <b>Radio - TV\Satellites et HAPs</b>                |  |      |
| 22758 | 17/04/13  | Caneus NPS.pdf   | 635  |
| 22759 | 17/04/13  | CubeSats.pdf   | 33   |
| 22760 | 02/01/11  | FSS Orbital and Frequency Assignments.pdf                    | 530  |
| 22761 | 12/04/13  | High Altitude Radio Platforms.pdf                            | 3887 |
| 22762 | 14/04/13  | Mobile Sat 2009 (Thuraya).pdf                                | 1269 |
| 22763 | 09/12/13  | Radiodiffusion par satellite.pdf                             | 662  |
| 22764 | 12/04/13  | Small Satellites & Radio Communication.pdf                   | 1844 |
| 22765 | 09/12/13  | Systèmes de télécommunications par satellite.pdf             | 865  |
| 22766 | <b>Radio - TV\SDR - Software Defined Radio</b>      |  |      |
| 22767 | 01/03/13  | Amplifiers in Software Radio systems.pdf                     | 277  |
| 22768 | 04/03/13  | Information-Measuring Integrated Systems.pdf                 | 189  |
| 22769 | 11/12/06  | Software Defined & Cognitive Radio.pdf                       | 202  |
| 22770 | 21/10/15  | Software Defined Radio Handbook-10e Edition.pdf              | 1670 |
| 22771 | <b>Radio - TV\Spurious, bruits et interférences</b> |  |      |
| 22772 | 16/12/13  | BBC224 Protection of PMSE.pdf                                | 447  |
| 22773 | 16/07/15  | How I learned to love interference.pdf                       | 129  |
| 22774 | 14/08/15  | Noise Analysis for Complex Non-Periodic Analog-RF Blocks.pdf | 297  |
| 22775 | 24/11/13  | Spurious Attenuation in LTE-Class RFIC Chip.pdf              | 469  |
| 22776 | <b>Radio - TV\SRD - courte portée</b>               |  |      |
| 22777 | 10/01/06  | 169 MHz SRD Compatibility.pdf                                | 213  |
| 22778 | 10/01/06  | 867 MHz SRD Compatibility.pdf                                | 874  |
| 22779 | 18/08/06  | ASH Transceiver Designer's Guide.pdf                         | 517  |
| 22780 | 30/06/15  | BBC223 Protection of Broadcast Cells.pdf                     | 253  |
| 22781 | 16/10/12  | Chip-to-chip Wireless Power Transfer.pdf                     | 514  |
| 22782 | 05/10/12  | cost-efficient smart home platform.pdf                       | 197  |

|       |  |   |      |
|-------|--|---|------|
| 22783 | 04/04/07                                   | DSRC Japanese Standard.pdf                  | 104  |
| 22784 | 10/01/06                                   | FM Band SRD Compatibility.pdf               | 633  |
| 22785 | 10/01/06                                   | Inductive SRD Below 30 MHz.pdf              | 468  |
| 22786 | 19/03/06                                   | Les réseaux de l'habitat.pdf                | 1811 |
| 22787 | <b>Radio - TV\Tetra</b>                    |   |      |
| 22788 | 28/05/12                                   | Fiche Tetrapol.pdf                          | 475  |
| 22789 | 01/12/05                                   | Notice Tetrapol.pdf                         | 52   |
| 22790 | 16/05/03                                   | TETRA.pdf                                   | 108  |
| 22791 | <b>Radio - TV\TNT, TV numérique, DVB-T</b> |   |      |
| 22792 | 10/06/03                                   | BBC028-Hierarchic DTV-T.pdf                 | 191  |
| 22793 | 10/06/03                                   | BBC039-DVB-T reception.pdf                  | 135  |
| 22794 | 15/06/03                                   | BBC054-DVB-T practice.pdf                   | 445  |
| 22795 | 02/07/03                                   | BBC056-DTT comparison.pdf                   | 232  |
| 22796 | 02/07/03                                   | BBC058- DVB-T Diversity.pdf                 | 488  |
| 22797 | 25/04/04                                   | BBC062-DVB-T for mobile.pdf                 | 211  |
| 22798 | 28/07/07                                   | BBC080 Modelling impulsive in DVB-T.pdf     | 1848 |
| 22799 | 28/07/07                                   | BBC087-TV-Anytime & DVB-SI.pdf              | 86   |
| 22800 | 02/11/05                                   | BBC104-HDTV across Europe.pdf               | 137  |
| 22801 | 28/07/07                                   | BBC115-DTV equivalent noise floors.pdf      | 146  |
| 22802 | 28/07/07                                   | BBC125-Spectrum after TV switch-over.pdf    | 1126 |
| 22803 | 28/07/07                                   | BBC127-Digital TV Hacks.pdf                 | 163  |
| 22804 | 19/01/07                                   | BBC144-Dual Polar MIMO TV.pdf               | 280  |
| 22805 | 31/07/08                                   | BBC150 Video over IP Network.pdf            | 106  |
| 22806 | 16/12/07                                   | BBC156 DVB-T and Voltage Ratings.pdf        | 200  |
| 22807 | 04/06/09                                   | BBC157 MIMO for Broadcast.pdf               | 554  |
| 22808 | 04/06/09                                   | BBC160 Digital TV Switchover.pdf            | 539  |
| 22809 | 11/01/12                                   | BBC205 UHF cross-polar for DVB-T.pdf        | 789  |
| 22810 | 25/02/15                                   | BBC216 DVB-T2 Receiver Buffer Model.pdf     | 1063 |
| 22811 | 15/07/13                                   | BBC226 Measures DVB-T Protection Ratios.pdf | 858  |
| 22812 | 15/07/13                                   | BBC253 TV White Space BS.pdf                | 2597 |
| 22813 | 16/12/13                                   | BBC258 Network Footprint of Catch-up TV.pdf | 278  |
| 22814 | 12/02/16                                   | BBC312 Coexistence between LTE and DTT.pdf  | 790  |
| 22815 | 12/03/04                                   | BBC-DVB-T compliance.pdf                    | 73   |
| 22816 | 03/06/07                                   | Diversity reception of DVB-T.pdf            | 591  |
| 22817 | 22/03/09                                   | DTT coverage predictions.pdf                | 136  |

|       |   |  |      |
|-------|---|--|------|
| 22818 | 03/06/07  | DVB-T & UMTS Impulsive Noise.pdf                         | 146  |
| 22819 | 16/12/13  | European specification for DTV.pdf                       | 105  |
| 22820 | 21/03/04  | Immunité des récepteurs DVB-T.pdf                        | 355  |
| 22821 | <b>Radio - TV\UMTS &amp; UWB</b>                  |  |      |
| 22822 | 18/11/05  | AEGIS UWB Compatibility.pdf                              | 266  |
| 22823 | 05/12/05  | Applications of Short-Pulse UWB.pdf                      | 1017 |
| 22824 | 07/12/05  | CMOS Ultra-Wideband Radios.pdf                           | 99   |
| 22825 | 30/11/11  | Coexistence of UWB Radios and IEEE802-11a.pdf            | 299  |
| 22826 | 10/10/11  | IEEE 802.15.4a UWB Impulse Spectrum Shaping.pdf          | 231  |
| 22827 | 26/05/08  | Impact of UWB on Downlink of UMTS.pdf                    | 231  |
| 22828 | 28/08/01  | UWB pulses.pdf   | 185  |
| 22829 | 14/11/04  | UWB Rules & Design Compliance.pdf                        | 97   |
| 22830 | <b>Radio - TV\VLF</b>                             |  |      |
| 22831 | 17/09/06  | Frequency-Shift Filtering in VLF Communications.pdf      | 135  |
| 22832 | <b>Radio - TV\WIMAX</b>                           |  |      |
| 22833 | 10/10/14  | Mitigation Techniques for RFI due to Broadband Noise.pdf | 745  |
| 22834 | 20/10/07  | WIMAX 802.16.pdf   | 1030 |
| 22835 | <b>Radio - TV\Wireless Bluetooth Zigbee Wi-Fi</b> |  |      |
| 22836 | 08/01/08  | 5.5 MBPS CCK WI-FI Signals.pdf                           | 162  |
| 22837 | 01/03/13  | Adaptive Bias LINC Architecture.pdf                      | 323  |
| 22838 | 24/08/09  | Analysis of Digital Display Frame Signals.pdf            | 1780 |
| 22839 | 16/05/03  | Bluetooth.pdf  | 595  |
| 22840 | 25/05/03  | Broadband wireless.pdf                                   | 773  |
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| 22842 | 08/10/12  | Coexistence for 802.15.4 and 802.11g.pdf                 | 413  |
| 22843 | 08/02/16  | Coexistence of 2.4 GHz audio with bluetooth and WLAN.pdf | 429  |
| 22844 | 10/04/15  | Coexistence Problems from Wireless Technologies.pdf      | 758  |
| 22845 | 13/12/06  | Convergence on RF Wireless Devices.pdf                   | 140  |
| 22846 | 07/09/05  | Digital Wireless EMI.pdf                                 | 203  |
| 22847 | 24/08/09  | EMC and Wireless Devices Trends.pdf                      | 109  |
| 22848 | 01/06/12  | Fréquences WIFI et Hyperlan.doc                          | 311  |
| 22849 | 11/12/06  | IEEE 1900 Next Generation Wireless.pdf                   | 455  |
| 22850 | 05/12/05  | IEEE Project 802.15 XPANs.pdf                            | 1368 |
| 22851 | 16/12/06  | Immunity of Wireless Communication.pdf                   | 271  |
| 22852 | 08/02/16  | IP-based mobility management for wireless.pdf            | 217  |

|       |          |   |      |
|-------|----------|---|------|
| 22853 | 24/02/14 | JN-AN-1035 Calculating 802-15-4 Data Rates.pdf            | 205  |
| 22854 | 24/02/14 | JN-AN-1079 Coexistence of 802.15.4 In 2.4GHz Band.pdf     | 312  |
| 22855 | 28/06/07 | Low-Power Wireless Measurement.pdf                        | 476  |
| 22856 | 05/10/12 | Mobility management for heterogeneous wireless access.pdf | 164  |
| 22857 | 18/02/14 | NI-Tutorial ZigBee.pdf                                    | 484  |
| 22858 | 24/05/03 | Norme 802.11.pdf  | 115  |
| 22859 | 24/07/14 | Notions de base sur test ZigBee.pdf                       | 482  |
| 22860 | 24/02/14 | Packet Error Rate of ZigBee by Bluetooth.pdf              | 294  |
| 22861 | 24/02/14 | Packet Error Rate Testing for JN516x.pdf                  | 166  |
| 22862 | 19/02/14 | Range Extension for IEEE 802.15.4.pdf                     | 152  |
| 22863 | 20/03/06 | Réseaux sans fil.pdf                                      | 425  |
| 22864 | 16/04/15 | Review of Wireless Coexistence Test.pdf                   | 456  |
| 22865 | 10/04/15 | RF Desensitization in Wireless Devices.pdf                | 1337 |
| 22866 | 30/12/06 | RF Interference on Wireless Transceivers.pdf              | 217  |
| 22867 | 04/03/13 | Spectrum Analyzer Measurement Technique.pdf               | 411  |
| 22868 | 02/01/14 | Testing 802.11 WLAN Devices.pdf                           | 1359 |
| 22869 | 24/10/14 | Transient Disturbances in Real-Time Digital Wireless.pdf  | 1552 |
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| 22873 | 14/10/11 | Wireless Communications in Power Grids.pdf                | 139  |
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| 22878 | 05/10/12 | Wireless mesh infrastructures.pdf                         | 485  |
| 22879 | 17/10/12 | Wireless Radiated Spurious Emissions (RSE).pdf            | 947  |
| 22880 | 12/11/11 | Wireless RFI.pdf  | 1725 |
| 22881 | 21/11/14 | Wireless Security (Canada).pdf                            | 1707 |
| 22882 | 24/10/14 | Wireless Systems in Resonant Environments.pdf             | 1330 |
| 22883 | 19/02/14 | ZigBee for wireless networking.pdf                        | 3396 |
| 22884 | 24/02/14 | ZigBee RF4CE Demonstration.pdf                            | 465  |

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|-------|--|--|------|
| 22888 | <b>Rayonnements ionisants\Activation neutronique</b> |  |      |
| 22889 | 27/05/09   | 58Ni(n p)-58Co.pdf                         | 62   |
| 22890 | 26/05/09   | ITER neutron activation.pdf                | 82   |
| 22891 | 26/05/09   | Neutron activation analysis.pdf            | 154  |
| 22892 | 26/05/09   | Neutron activation.pdf                     | 62   |
| 22893 | <b>Rayonnements ionisants\Annealing - Guérison</b>   |  |      |
| 22894 | 20/02/04   | Annealing factor.pdf                       | 25   |
| 22895 | 30/11/05   | In-flight Annealing in GaAs LEDs.pdf       | 274  |
| 22896 | 19/02/04   | Recovery time.pdf                          | 14   |
| 22897 | 20/02/04   | Time annealing.pdf                         | 18   |
| 22898 | <b>Rayonnements ionisants\Composants durcis</b>      |  |      |
| 22899 | 19/07/12   | ATMEL Rad-Hard doc4015.pdf                 | 589  |
| 22900 | 19/07/12   | ATMEL Rad-Hard SDRAM doc4157.pdf           | 306  |
| 22901 | 13/06/14   | Electronics for Particule Physics.pdf      | 8923 |
| 22902 | 19/09/12   | Precision or Radiation Tolerance.pdf       | 274  |
| 22903 | 19/10/12   | Rad Hard Point of Load Converter.pdf       | 1183 |
| 22904 | 14/12/12   | Radiation Hardened Power Management.pdf    | 207  |
| 22905 | <b>Rayonnements ionisants\Dosimétrie</b>             |  |      |
| 22906 | 30/11/05   | Dosimetry using COTS ICs.pdf               | 138  |
| 22907 | 30/11/05   | Floating Gate Dosimetry.pdf                | 208  |
| 22908 | 30/11/05   | Hot Pixel Generation in APS.pdf            | 505  |
| 22909 | 17/11/05   | Plaquette AMANDE.pdf                       | 237  |
| 22910 | <b>Rayonnements ionisants\Durcissement et normes</b> |  |      |
| 22911 | 30/11/05   | Fault-Tolerance Techniques.pdf             | 951  |
| 22912 | 30/11/05   | Hardened DC-DC Low Dose Failures.pdf       | 148  |
| 22913 | 10/07/13   | RADECS Short Course 2003.pdf               | 2828 |
| 22914 | 23/08/13   | Radiation hardening - Wikipedia.pdf        | 144  |
| 22915 | 30/11/05   | Scaling & Soft Error Rates .pdf            | 163  |
| 22916 | 09/09/07   | Scaling Issues & Soft Error Rates.pdf      | 88   |
| 22917 | 02/09/06   | Silicium & tolérance aux fautes.pdf        | 792  |
| 22918 | 09/09/07   | Soft Error Rate of Combinational Logic.pdf | 133  |
| 22919 | 02/09/06   | Sureté d'un CI numérique.pdf               | 676  |
| 22920 | 31/08/06   | Xilinx Technology.pdf                      | 800  |
| 22921 | <b>Rayonnements ionisants\Effets des radiations</b>  |  |      |
| 22922 | 02/07/13   | Cosmic Radiations Effects.pdf              | 1259 |

|       |   |   |      |
|-------|---|---|------|
| 22923 | 31/01/12  | Cours Radiation Fouillat.pdf                      | 7169 |
| 22924 | 02/07/13  | Effet des radiations naturelles.pdf               | 434  |
| 22925 | 02/05/07  | INRS Rayonnements ionisants.pdf                   | 132  |
| 22926 | 16/06/14  | LERAY - Effets des radiations.pdf                 | 2988 |
| 22927 | 04/11/07  | NRPB Limits for Radioisotopes.pdf                 | 224  |
| 22928 | <b>Rayonnements ionisants\Eruptions solaires</b>          |   |      |
| 22929 | 03/05/12  | A Super Solar Flare.pdf                           | 170  |
| 22930 | 03/05/12  | Conference magnetisme Canada V3.pdf               | 3980 |
| 22931 | 03/05/12  | Dire 2012 - Eruptions solaires.pdf                | 888  |
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| 22933 | 03/05/12  | Geomagnetic disturbances.pdf                      | 3276 |
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| 22935 | 03/05/12  | Hydro-Québec et activité solaire.pdf              | 29   |
| 22936 | 03/05/12  | Pannes électriques importantes.pdf                | 76   |
| 22937 | 03/05/12  | Solar Influence on Climate Change.pdf             | 582  |
| 22938 | 03/05/12  | Solar Storm Threat Analysis.pdf                   | 714  |
| 22939 | <b>Rayonnements ionisants\Guides Normes &amp; manuels</b> |   |      |
| 22940 | 02/08/13  | ECSS-E-HB-10-12 Radiation Margin HDBK.pdf         | 1474 |
| 22941 | 23/01/08  | EM 385-1-80 Radiation Protec Manual.pdf           | 1669 |
| 22942 | 02/01/13  | JESD89-2A_12 Alpha Source Soft Error Rate.pdf     | 156  |
| 22943 | 02/01/13  | JESD89-3A_07 Beam Accelerated Soft Error Rate.pdf | 172  |
| 22944 | 28/08/06  | NASA Roadmap for Microelectronic.pdf              | 429  |
| 22945 | 30/11/05  | Physics Reference Manual.pdf                      | 2297 |
| 22946 | 30/11/05  | Proton testing guidelines.pdf                     | 754  |
| 22947 | 17/07/15  | RP1390 NASA Spacecraft System Failures.pdf        | 835  |
| 22948 | 04/06/15  | SEE Design Guide for Electrical Deadfacing.pdf    | 2007 |
| 22949 | <b>Rayonnements ionisants\Ion &amp; Radiation effects</b> |   |      |
| 22950 | 19/02/04  | Bandgap defects.pdf                               | 18   |
| 22951 | 02/01/04  | Binding energy.pdf                                | 21   |
| 22952 | 19/02/04  | Carrier lifetime.pdf                              | 23   |
| 22953 | 06/01/07  | CERN Radiation effects - part 1.pdf               | 936  |
| 22954 | 28/08/06  | CERN Radiation Effects-Part 2.pdf                 | 822  |
| 22955 | 02/01/04  | Compton effect.pdf                                | 31   |
| 22956 | 30/11/05  | Diffusion to Device Upset.pdf                     | 281  |
| 22957 | 30/11/05  | DRAM Radiation Effects.pdf                        | 99   |



|       |          |  |      |
|-------|----------|--|------|
| 22958 | 19/02/04 | e & p on silicon.pdf                           | 12   |
| 22959 | 31/08/06 | Electrons and Protons in SiO <sub>2</sub> .pdf | 181  |
| 22960 | 02/08/08 | Energy deposition Sputtering & Desorption.pdf  | 1982 |
| 22961 | 02/01/04 | Gamma air attenuation.pdf                      | 24   |
| 22962 | 02/01/04 | Gamma effects.pdf                              | 21   |
| 22963 | 02/01/04 | Gamma interactions.pdf                         | 28   |
| 22964 | 30/11/05 | Heavy Ion SE Testing.pdf                       | 580  |
| 22965 | 01/09/06 | High-K Gate Dielectrics.pdf                    | 1111 |
| 22966 | 14/10/11 | Hostile Space Weather on Satellite.pdf         | 614  |
| 22967 | 01/12/05 | Interdefect Charge Exchange.pdf                | 241  |
| 22968 | 30/11/05 | Ion-Induced Stuck Bits in SDRAM .pdf           | 145  |
| 22969 | 24/08/06 | JPL-00-06 Space Radiation Effects.pdf          | 5426 |
| 22970 | 30/11/05 | Latchup Test Considerations for ADC.pdf        | 71   |
| 22971 | 20/02/04 | Lifetime comparison.pdf                        | 15   |
| 22972 | 31/08/06 | Light-Ion-Induced SEU.pdf                      | 226  |
| 22973 | 09/09/07 | NPDGamma Experiment at LANL.pdf                | 607  |
| 22974 | 19/02/04 | Nuclear particles.pdf                          | 14   |
| 22975 | 30/11/05 | Optocoupler Radiation Degradation.pdf          | 93   |
| 22976 | 02/01/04 | Pair production.pdf                            | 18   |
| 22977 | 02/01/04 | Photoelectric effect.pdf                       | 21   |
| 22978 | 19/02/04 | Photon effects.pdf                             | 40   |
| 22979 | 30/11/05 | Proton Damage on Optocouplers .pdf             | 140  |
| 22980 | 30/11/05 | Proton Degradation of LEDs.pdf                 | 217  |
| 22981 | 30/11/05 | Proton on Avalanche Photodiodes.pdf            | 150  |
| 22982 | 30/11/05 | Proton Upset in Optocouplers.pdf               | 243  |
| 22983 | 30/11/05 | Radiation Damage in CCD.pdf                    | 1207 |
| 22984 | 30/11/05 | Radiation Effects on RF Relays.pdf             | 481  |
| 22985 | 09/09/07 | Radiation Effects on Space & Aircraft.pdf      | 355  |
| 22986 | 30/11/05 | Radiation on Spacecraft Systems.pdf            | 102  |
| 22987 | 30/11/05 | Radiation on Thin Gate Oxides .pdf             | 109  |
| 22988 | 01/12/05 | Radiation-Induced Faults in FPGAs.pdf          | 298  |
| 22989 | 02/01/04 | Si displacement energy.pdf                     | 18   |
| 22990 | 19/02/04 | Silicon damages.pdf                            | 19   |
| 22991 | 30/11/05 | Thin Gate Oxides Breakdown.pdf                 | 119  |
| 22992 | 12/11/04 | Ultracap vulnerability.pdf                     | 73   |

|       |  |  |       |
|-------|--|--|-------|
| 22993 | <b>Rayonnements ionisants\Matériels et réacteurs</b> |  |       |
| 22994 | 10/08/12   | Cycle du combustible nucléaire.pdf     | 100   |
| 22995 | 17/07/10   | Réacteurs de recferche France_2007.pdf | 1564  |
| 22996 | <b>Rayonnements ionisants\Neutrons</b>               |  |       |
| 22997 | 09/09/07   | 14 MeV Neutrons SRAM Vulnerability.pdf | 354   |
| 22998 | 09/09/07   | Atmospheric Neutron Measurements.pdf   | 300   |
| 22999 | 05/09/07   | Atmospheric Neutrons.pdf               | 7780  |
| 23000 | 02/12/05   | Displacement Damage Effects.pdf        | 258   |
| 23001 | 30/11/05   | Displacement Damage in Bipolar IC.pdf  | 157   |
| 23002 | 20/02/04   | Gain vs. neutron fluence.pdf           | 19    |
| 23003 | 09/09/07   | Neutron-Induced Disturbances.pdf       | 355   |
| 23004 | 20/02/04   | Neutrons & silicon.pdf                 | 17    |
| 23005 | 09/09/07   | Neutrons atmosphériques en avion.pdf   | 462   |
| 23006 | 17/11/05   | Neutrons atmosphériques.pdf            | 129   |
| 23007 | 27/05/10   | NIEL test report.doc                   | 76    |
| 23008 | 19/11/05   | NIEL test setup.doc                    | 59    |
| 23009 | 09/09/07   | NSEU Response of FPGAs.pdf             | 244   |
| 23010 | <b>Rayonnements ionisants\NSREC</b>                  |  |       |
| 23011 | 11/01/04   | 1980.pdf                               | 3309  |
| 23012 | 12/01/04   | 1981.pdf                               | 5604  |
| 23013 | 20/02/04   | 1982.pdf                               | 4321  |
| 23014 | 12/01/04   | 1983.pdf                               | 3972  |
| 23015 | 13/01/04   | 1984.pdf                               | 9141  |
| 23016 | 13/01/04   | 1985.pdf                               | 5363  |
| 23017 | 13/01/04   | 1986.pdf                               | 2527  |
| 23018 | 14/01/04   | 1987.pdf                               | 8808  |
| 23019 | 15/01/04   | 1988.pdf                               | 7077  |
| 23020 | 15/01/04   | 1989.pdf                               | 10401 |
| 23021 | 16/01/04   | 1990.pdf                               | 8567  |
| 23022 | 16/01/04   | 1991.pdf                               | 3692  |
| 23023 | 16/01/04   | 1992.pdf                               | 5665  |
| 23024 | 17/01/04   | 1993.pdf                               | 7931  |
| 23025 | 17/01/04   | 1994.pdf                               | 5124  |
| 23026 | 17/01/04   | 1995.pdf                               | 5610  |
| 23027 | 19/01/04   | 1996.pdf                               | 7308  |

|       |   |  |      |
|-------|---|--|------|
| 23028 | 19/01/04  | 1997.pdf                                   | 8351 |
| 23029 | 19/01/04  | 1998.pdf                                   | 6615 |
| 23030 | 03/01/04  | 1999.pdf                                   | 6236 |
| 23031 | 12/03/04  | 2000.pdf                                   | 5691 |
| 23032 | 12/03/04  | 2001.pdf                                   | 4140 |
| 23033 | 12/03/04  | 2002.pdf                                   | 5600 |
| 23034 | 03/01/04  | Chapitres NSREC.xls                        | 29   |
| 23035 | <b>Rayonnements ionisants\SEE - SEL - SET - SEU</b> |  |      |
| 23036 | 09/09/07  | ASTEP Altitude SEE Test in CMOS.pdf        | 181  |
| 23037 | 02/07/13  | Destructive Failures from SEE.pdf          | 244  |
| 23038 | 30/11/05  | Device SEE Susceptibility.pdf              | 1461 |
| 23039 | 30/11/05  | DSP2100 Catastrophic Latchup .pdf          | 69   |
| 23040 | 30/11/05  | HV Power MOSFETs Catastrophic SEE.pdf      | 115  |
| 23041 | 30/11/05  | Latent Damage from SEL.pdf                 | 1009 |
| 23042 | 28/08/06  | Linear Devices Single Event Transients.pdf | 667  |
| 23043 | 02/07/13  | Low-Energy Proton SEE evaluation Test.pdf  | 546  |
| 23044 | 09/09/07  | Mitigation of SE Soft Errors.pdf           | 136  |
| 23045 | 31/08/06  | Nasa Single Event Effects Results.pdf      | 967  |
| 23046 | 22/03/09  | PowerPC SEU.pdf                            | 477  |
| 23047 | 30/11/05  | Preventing SEU in Sequential IC.pdf        | 230  |
| 23048 | 30/11/05  | Proton SEU Cross Sections.pdf              | 283  |
| 23049 | 09/09/07  | Scaling & Technology Issues for SER.pdf    | 254  |
| 23050 | 02/09/06  | SDRAM SEE Radiation.pdf                    | 326  |
| 23051 | 30/11/05  | SE Mosfet failure.pdf                      | 935  |
| 23052 | 12/11/04  | SE Transients in Comparators.pdf           | 192  |
| 23053 | 01/09/06  | SEE and Scaling.pdf                        | 1377 |
| 23054 | 30/11/05  | SEE Evaluation of DACs.pdf                 | 241  |
| 23055 | 09/09/07  | SEE in Avionics.pdf                        | 213  |
| 23056 | 31/08/06  | SEE Mitigation in Combinational Logic.pdf  | 671  |
| 23057 | 02/07/13  | SEE on Aircraft Systems.pdf                | 102  |
| 23058 | 02/07/13  | SEE Test Planning.pdf                      | 581  |
| 23059 | 27/05/10  | SEE Test Report Template.doc               | 51   |
| 23060 | 27/05/10  | SEE test setup.doc                         | 76   |
| 23061 | 02/07/13  | SEGR Susceptibility of Power MOSFETs.pdf   | 402  |
| 23062 | 02/07/13  | SEL and Total Ionizing Dose Test.pdf       | 433  |

|       |  |   |      |
|-------|--|---|------|
| 23063 | 09/09/07                                   | SER Test of Actel, Xilinx & Altera FPGA.pdf | 29   |
| 23064 | 01/09/06                                   | SET Testing of Linear Devices.pdf           | 1558 |
| 23065 | 28/08/06                                   | SEU & Boeing Radiation Tolerant DSP.pdf     | 428  |
| 23066 | 25/08/06                                   | SEU and SET Mitigation Techniques.pdf       | 125  |
| 23067 | 09/09/07                                   | SEU at Ground Level.pdf                     | 56   |
| 23068 | 30/11/05                                   | SEU Effects in Optocouplers.pdf             | 195  |
| 23069 | 16/06/14                                   | SEU FAA Atmospheric neutrons.pdf            | 71   |
| 23070 | 30/11/05                                   | SEU in PowerPC Microprocessors.pdf          | 164  |
| 23071 | 27/08/06                                   | SEU Mitigation Techniques.pdf               | 2430 |
| 23072 | 30/11/05                                   | SEU Mitigation Testing of Xilinx.pdf        | 119  |
| 23073 | 30/11/05                                   | SEU Susceptibility Testing.pdf              | 207  |
| 23074 | 09/09/07                                   | SEUs and Their Effects.pdf                  | 44   |
| 23075 | 09/09/07                                   | SEUs in digital architectures.pdf           | 785  |
| 23076 | 03/03/12                                   | Single event ESA.pdf                        | 1053 |
| 23077 | 12/11/08                                   | Single Event Induced Crosstalk.pdf          | 2298 |
| 23078 | 17/11/05                                   | Single Event Transient in Comparators.pdf   | 60   |
| 23079 | 23/10/08                                   | Single-EventTransients Protection.pdf       | 570  |
| 23080 | 14/10/11                                   | Space Induced Single Event.pdf              | 916  |
| 23081 | 30/11/05                                   | Validation of SEU Simulation.pdf            | 170  |
| 23082 | <b>Rayonnements ionisants\SGEMP - TREE</b> |   |      |
| 23083 | 21/02/04                                   | Campaigns.pdf                               | 348  |
| 23084 | 21/02/04                                   | Future Security in Space.pdf                | 1030 |
| 23085 | 18/09/03                                   | Glossary.pdf                                | 59   |
| 23086 | 18/09/03                                   | IEEE Fact book.pdf                          | 251  |
| 23087 | 21/02/04                                   | NIF program plan.pdf                        | 2763 |
| 23088 | 18/09/03                                   | Nuclear technology.pdf                      | 122  |
| 23089 | 20/09/03                                   | Nuclear weapons in space.pdf                | 173  |
| 23090 | 21/02/04                                   | Papadopoulos-SGEMP.pdf                      | 1468 |
| 23091 | 20/09/03                                   | RADECS 1999.pdf                             | 29   |
| 23092 | 02/12/05                                   | SGEMP & Braided Shields.pdf                 | 249  |
| 23093 | 29/11/05                                   | SGEMP & Source Region.pdf                   | 175  |
| 23094 | 20/09/03                                   | SGEMP computing.pdf                         | 190  |
| 23095 | 20/09/03                                   | SGEMP in cavity.pdf                         | 573  |
| 23096 | 29/11/05                                   | System-Generated EMP.pdf                    | 451  |
| 23097 | 20/09/03                                   | TREE toc.pdf                                | 11   |

|       |  |   |     |
|-------|--|---|-----|
| 23098 | 20/09/03                                 | US ARMY Nuclear Weapons.pdf                 | 221 |
| 23099 | <b>Rayonnements ionisants\TID - Dose</b> |   |     |
| 23100 | 30/11/05                                 | DC-DC total dose Failures.pdf               | 707 |
| 23101 | 30/11/05                                 | ELDRS Effects in Bipolar Linear Devices.pdf | 113 |
| 23102 | 28/08/06                                 | Fiber Optic Data Links in Space.pdf         | 112 |
| 23103 | 07/01/12                                 | Human Radiation Exposure.pdf                | 72  |
| 23104 | 01/12/05                                 | Irradiated Cryogenic Silicon Detectors .pdf | 426 |
| 23105 | 30/11/05                                 | Linear Bipolar TID Dependency .pdf          | 101 |
| 23106 | 30/11/05                                 | Precision Reference Devices.pdf             | 215 |
| 23107 | 30/11/05                                 | Radiation Test Results at JPL.pdf           | 322 |
| 23108 | 30/11/05                                 | SEE & TID of Non-Volatile Memories.pdf      | 125 |
| 23109 | 17/11/05                                 | SRAMS MOSFET Threshold Shifts.pdf           | 265 |
| 23110 | 30/11/05                                 | Threshold Shifts in MOSFET SRAMS.pdf        | 265 |
| 23111 | 30/11/05                                 | TID & SEE in Flash Memories .pdf            | 191 |
| 23112 | 30/11/05                                 | TID of LDO.pdf                              | 169 |
| 23113 | 30/11/05                                 | TID on Bipolar & CMOS Op-Amp.pdf            | 139 |
| 23114 | 30/11/05                                 | TID on Voltage Frequency Converters.pdf     | 120 |
| 23115 | 30/11/05                                 | TID Responses on ADC.pdf                    | 232 |
| 23116 | 27/05/10                                 | TID test report.doc                         | 108 |
| 23117 | 19/11/05                                 | TID test setup.doc                          | 78  |

23118

## Réseaux électriques & harmoniques

23120

|       |  |  |     |
|-------|--|--|-----|
| 23121 | <b>Réseaux électriques &amp; harmoniques\CEM des réseaux</b> |  |     |
| 23122 | 12/10/09   | Active EMI Filter Compensation Characteristics.pdf | 637 |
| 23123 | 03/01/11   | Broadband Power Line Systems.pdf                   | 240 |
| 23124 | 12/11/08   | Current Return through Ground.pdf                  | 96  |
| 23125 | 10/02/09   | DVR Field Experience.pdf                           | 432 |
| 23126 | 20/08/09   | EMC Issues of Power Electronic Converters.pdf      | 211 |
| 23127 | 29/06/04   | EMI filter stability.pdf                           | 126 |
| 23128 | 28/06/04   | Filter stability.pdf                               | 154 |
| 23129 | 10/02/09   | Flux rémanent des moteurs asynchrones.pdf          | 12  |
| 23130 | 29/11/05   | Pollution des variateurs.pdf                       | 161 |
| 23131 | 27/05/06   | Power Inflence on Telecom.pdf                      | 689 |
| 23132 | 19/08/05   | RTE et fibres optiques.PDF                         | 17  |

|       |   |  |      |
|-------|---|--|------|
| 23133 | 03/09/04  | SMPS EMC.pdf                                       | 202  |
| 23134 | <b>Réseaux électriques &amp; harmoniques\Co-génération</b>                            |  |      |
| 23135 | 04/12/05  | Customer Owned Generation.pdf                      | 459  |
| 23136 | <b>Réseaux électriques &amp; harmoniques\Comptage électrique</b>                      |  |      |
| 23137 | 31/12/14  | Smart Meter RF Transmissions and GFCI Outlets.pdf  | 441  |
| 23138 | <b>Réseaux électriques &amp; harmoniques\Conception &amp; installation de réseaux</b> |  |      |
| 23139 | 29/08/05  | Alimentation Electrique SI.pdf                     | 249  |
| 23140 | 24/04/10  | Dimensionnement d'une jonction triphasée.pdf       | 860  |
| 23141 | 14/08/06  | Distributed Generation & Reliability.pdf           | 737  |
| 23142 | 05/04/03  | Distribution system.pdf                            | 447  |
| 23143 | 18/04/11  | Energy and Power Engineering.pdf                   | 2288 |
| 23144 | 19/04/10  | Généralités sur les réseaux électriques.pdf        | 469  |
| 23145 | 30/05/12  | Installation test bok.pdf                          | 2281 |
| 23146 | 19/08/05  | Installed Power.pdf                                | 111  |
| 23147 | 19/08/05  | les chemins de l'électricité.pdf                   | 2290 |
| 23148 | 04/02/15  | Power Distribution Network Design.pdf              | 895  |
| 23149 | 25/03/10  | Presentation Systeme RTE.pdf                       | 701  |
| 23150 | 05/05/09  | Protection and Control Devices.pdf                 | 1284 |
| 23151 | 19/11/10  | Protections courts-circuits RTE.pdf                | 844  |
| 23152 | 25/03/10  | Reseau haute-tension parisien.pdf                  | 502  |
| 23153 | 21/01/15  | Schneider - Guide installation électrique 2010.pdf | 2037 |
| 23154 | 01/01/09  | Supply in modern buildings.pdf                     | 148  |
| 23155 | 24/04/10  | Transport et distribution électrique.pdf           | 3730 |
| 23156 | <b>Réseaux électriques &amp; harmoniques\Creux de tension</b>                         |  |      |
| 23157 | 15/12/14  | Creux de tension - Coupures brèves.pdf             | 5908 |
| 23158 | 10/02/09  | DPI Technology.pdf                                 | 534  |
| 23159 | 10/02/09  | DVR Using Cascaded H-Bridge Convert.pdf            | 798  |
| 23160 | 15/12/14  | Guide EDF désensibilisation - 1re partie.pdf       | 6406 |
| 23161 | 15/12/14  | Guide EDF désensibilisation - 2e partie.pdf        | 8725 |
| 23162 | 27/07/15  | New Industrial Voltage Sag Testing.pdf             | 473  |
| 23163 | 14/08/06  | Proposal for AC Power Interruptions.pdf            | 111  |
| 23164 | 10/02/09  | Transient Analysis of Voltage Dips.pdf             | 961  |
| 23165 | 04/12/05  | Voltage dip immunity.pdf                           | 886  |
| 23166 | 28/05/06  | Voltage dips.pdf                                   | 863  |
| 23167 | 04/04/03  | Voltage sag immunity.pdf                           | 187  |

|       |  |  |      |
|-------|--|--|------|
| 23168 | 16/04/04   | Voltage tolerance.pdf                                | 169  |
| 23169 | <b>Réseaux électriques &amp; harmoniques\Efficacité énergétique</b>              |  |      |
| 23170 | 22/05/05   | Electrical Energy Efficiency.pdf                     | 358  |
| 23171 | <b>Réseaux électriques &amp; harmoniques\Flicker</b>                             |  |      |
| 23172 | 14/12/05   | Active Ripple Filter.pdf                             | 221  |
| 23173 | 20/02/07   | Voltage Fluctuation and Light Flicker.pdf            | 270  |
| 23174 | <b>Réseaux électriques &amp; harmoniques\Harmoniques et facteur de puissance</b> |  |      |
| 23175 | 23/12/04   | 18 Pulse Drives.pdf                                  | 591  |
| 23176 | 31/12/06   | 1C.4.1-Harmonic Distortion.pdf                       | 141  |
| 23177 | 10/07/14   | ABB Harmoniques et convertisseurs de fréquence.pdf   | 300  |
| 23178 | 02/01/11   | Broad-Band Power-Line Measurements.pdf               | 469  |
| 23179 | 29/11/13   | Fast Interharmonics and Harmonics Identification.pdf | 356  |
| 23180 | 19/12/04   | Harmonic analyzer evaluations.pdf                    | 154  |
| 23181 | 13/01/14   | Harmonic Balance Surrogate-Based Immunity.pdf        | 618  |
| 23182 | 13/12/07   | Harmonic cancelling.pdf                              | 791  |
| 23183 | 11/11/05   | Harmonic Suppression Devices.pdf                     | 125  |
| 23184 | 24/12/04   | Harmonic Voltage Limits.pdf                          | 14   |
| 23185 | 08/09/07   | Harmonics Guide.pdf                                  | 135  |
| 23186 | 27/05/06   | Harmonics Hazards & Neutral Overloads.pdf            | 36   |
| 23187 | 08/05/04   | Harmonics report.pdf                                 | 104  |
| 23188 | 22/12/04   | IEEE autotransformateur.pdf                          | 334  |
| 23189 | 04/12/05   | Interharmonics Modeling & Simulation .pdf            | 178  |
| 23190 | 29/11/13   | Loads from an Urban Transportation System.pdf        | 345  |
| 23191 | 24/12/04   | MGE UPS Harmonics.pdf                                | 247  |
| 23192 | 13/12/07   | Multi-Pulse Transformer Rectifiers.pdf               | 950  |
| 23193 | 24/12/04   | Non-linear Loading Factors.pdf                       | 111  |
| 23194 | 22/05/05   | Non-Linear Loads.pdf                                 | 68   |
| 23195 | 22/05/05   | Power System Harmonics.pdf                           | 40   |
| 23196 | 13/12/07   | Single Phase Power Factor Correction.pdf             | 5078 |
| 23197 | 02/11/07   | Statistics of a Sum of Harmonics.pdf                 | 202  |
| 23198 | 22/05/05   | Survey of Harmonics Measurements.pdf                 | 94   |
| 23199 | 08/09/07   | Unbalanced Three-Phase Systems.pdf                   | 311  |
| 23200 | <b>Réseaux électriques &amp; harmoniques\Localisation de défauts</b>             |  |      |
| 23201 | 21/11/14   | EM Time Reversal & Fault Location.pdf                | 716  |
| 23202 | <b>Réseaux électriques &amp; harmoniques\Mesures sur un réseau</b>               |  |      |

|       |  |  |      |
|-------|--|--|------|
| 23203 | 30/05/12   | Measurements on electric Installations.pdf                     | 1980 |
| 23204 | 22/05/05   | Power Quality Measurements.pdf                                 | 117  |
| 23205 | <b>Réseaux électriques &amp; harmoniques\Normes et guides sur les réseaux</b>        |  |      |
| 23206 | 03/12/05   | Bibliographie CIGRE-CIRED.pdf                                  | 276  |
| 23207 | 05/04/09   | Electrical Installation Practice HDBK.pdf                      | 4160 |
| 23208 | 30/04/08   | EN50160 Power Quality.pdf                                      | 29   |
| 23209 | 22/05/05   | EN-IEC61000-3-2 Amendment-14.pdf                               | 103  |
| 23210 | 01/01/09   | European standards & power quality.pdf                         | 97   |
| 23211 | 02/05/07   | Guide technique alimentation.pdf                               | 1097 |
| 23212 | 03/12/05   | IAEA Emergency Power Systems.pdf                               | 334  |
| 23213 | 07/04/07   | IEC 61000-3-2 Requirements.pdf                                 | 286  |
| 23214 | 17/11/05   | IEEE P591A Overview.pdf  | 442  |
| 23215 | 05/04/03   | IEEEP1564_99_05.doc  | 78   |
| 23216 | 12/11/08   | NSRP 0425 Cableway Application.pdf                             | 1839 |
| 23217 | 22/03/04   | SEMI F47-0200 Report for Ve.pdf                                | 685  |
| 23218 | 02/01/07   | System Standard for New Loads.pdf                              | 627  |
| 23219 | <b>Réseaux électriques &amp; harmoniques\Perturbations BF</b>                        |  |      |
| 23220 | 10/02/16   | 2-150 kHz propagation in power systems.pdf                     | 1384 |
| 23221 | 28/05/06   | Assess RMS Voltage Variations.pdf                              | 224  |
| 23222 | 28/05/06   | Current Limiting Fuses.pdf                                     | 296  |
| 23223 | 07/10/12   | DC Currents in an AC Power Distribution.pdf                    | 287  |
| 23224 | 29/09/13   | Influence of conducted EMI on power systems.pdf                | 969  |
| 23225 | 11/05/15   | LF Conducted Emissions of Grid Connected Static Converters.pdf | 895  |
| 23226 | 11/05/15   | LF Conducted Interference, Challenges and Cases.pdf            | 630  |
| 23227 | <b>Réseaux électriques &amp; harmoniques\Protection des réseaux</b>                  |  |      |
| 23228 | 02/12/05   | AEA Emergency Power Systems.pdf                                | 1194 |
| 23229 | 15/01/05   | Passive PFC history.pdf  | 132  |
| 23230 | 06/12/05   | Power Line Anomalies Protection.pdf                            | 277  |
| 23231 | 09/02/09   | Short Circuit Calculation Methods.pdf                          | 93   |
| 23232 | 09/02/09   | Short Circuit Current & IEC 60909.pdf                          | 107  |
| 23233 | 28/04/07   | Short Circuit Current Ratings.pdf                              | 132  |
| 23234 | <b>Réseaux électriques &amp; harmoniques\Protections différentielles (DDR - RCD)</b> |  |      |
| 23235 | 20/01/15   | Protection against Ground Fault with RCD.pdf                   | 1631 |
| 23236 | 21/01/15   | SMA - Critères de sélection d'un DDR.pdf                       | 101  |
| 23237 | <b>Réseaux électriques &amp; harmoniques\Qualité de l'électricité</b>                |  |      |



|       |  |   |      |
|-------|--|---|------|
| 23238 | 30/05/12   | 61000-4-30 Power Quality Levels.pdf                             | 323  |
| 23239 | 27/05/06   | Advance Power quality.pdf                                       | 360  |
| 23240 | 24/06/03   | Canadian Quality.pdf  | 92   |
| 23241 | 29/11/13   | Characterization of CFL bulbs for power quality.pdf             | 783  |
| 23242 | 28/05/06   | Electric Power Quality.pdf                                      | 422  |
| 23243 | 09/10/12   | Geomagnetic Storms on Large HV Power Grids.pdf                  | 519  |
| 23244 | 14/08/06   | ITI (CBEMA) Curve.pdf   | 58   |
| 23245 | 29/11/11   | MO-AM3-4 Power Quality and EMC.pdf                              | 766  |
| 23246 | 10/02/09   | Plant End Power Quality Solutions.pdf                           | 205  |
| 23247 | 01/04/09   | Power Quality - Halpin.pdf                                      | 1463 |
| 23248 | 12/10/08   | Power Quality Application Guide.pdf                             | 346  |
| 23249 | 30/04/08   | Power Quality Fact Sheets 1-10.pdf                              | 354  |
| 23250 | 09/02/09   | Power Quality Reference Guide.pdf                               | 445  |
| 23251 | 31/12/06   | Power Quality standards.pdf                                     | 18   |
| 23252 | 03/12/05   | POWER Quality.pdf   | 794  |
| 23253 | 12/10/08   | PQ Measurement Techniques.pdf                                   | 979  |
| 23254 | 23/02/09   | Qualité de la tension.pdf                                       | 2428 |
| 23255 | 28/05/06   | Service Quality Index.pdf                                       | 349  |
| 23256 | 10/02/09   | Voltage Quality Improvement Using DVR.pdf                       | 749  |
| 23257 | <b>Réseaux électriques &amp; harmoniques\Réseaux en continu</b>      |   |      |
| 23258 | 13/12/07   | DC Distributed Power Systems.pdf                                | 2218 |
| 23259 | 28/06/04   | DC Power Distribution Bus.pdf                                   | 400  |
| 23260 | 04/12/05   | HVDC Transmission.pdf   | 108  |
| 23261 | <b>Réseaux électriques &amp; harmoniques\Schémas de neutre</b>       |   |      |
| 23262 | 28/11/05   | High Resistance Grounded Systems.pdf                            | 784  |
| 23263 | 20/08/05   | LV Earthing System.pdf  | 328  |
| 23264 | 20/08/05   | Régimes de neutre.pdf   | 240  |
| 23265 | 29/08/05   | Schémas de neutre ct177.pdf                                     | 315  |
| 23266 | <b>Réseaux électriques &amp; harmoniques\Smart grid et stabilité</b> |   |      |
| 23267 | 13/12/07   | Dispover grid interconnection Europe.pdf                        | 3991 |
| 23268 | 09/11/13   | EMC Requirements in European Network Codes.pdf                  | 813  |
| 23269 | 09/11/13   | Emissions in Distribution Systems (1 kHz-1 MHz).pdf             | 893  |
| 23270 | 10/02/16   | F versus t domain immunity testing of Smart Grid components.pdf | 210  |
| 23271 | 16/10/14   | Flexible AC Transmissions System (FACTS) in SmartGrid.pdf       | 216  |
| 23272 | 22/05/05   | Grid connection of power systems.pdf                            | 287  |

|       |  |  |      |
|-------|--|--|------|
| 23273 | 13/10/11   | High Harmonic Distortion in a Building.pdf         | 176  |
| 23274 | 20/11/14   | International Standards View of Smart Grid EMC.pdf | 265  |
| 23275 | 20/11/14   | Introduction to Smart Grid.pdf                     | 1165 |
| 23276 | 29/11/11   | Low Frequency EMC.pdf                              | 3104 |
| 23277 | 29/09/13   | Low Frequency EMI Emission in Smart Grids.pdf      | 1174 |
| 23278 | 31/01/14   | Meshing Power Quality and EMC.pdf                  | 561  |
| 23279 | 20/11/14   | NIST Smart Grid Framework.pdf                      | 1064 |
| 23280 | 28/02/11   | Power Quality and Low-Frequency EMC.pdf            | 4687 |
| 23281 | 29/07/15   | Safety Considerations for Smart Grid.pdf           | 301  |
| 23282 | 20/11/11   | Smart Grid activities and EMC.pdf                  | 2619 |
| 23283 | 31/01/14   | Smart Grid and EMC Standards.pdf                   | 537  |
| 23284 | 29/11/11   | Smart Grid and Low Frequency EMC.pdf               | 1296 |
| 23285 | 28/02/11   | Smart Grid and Renewables.pdf                      | 1951 |
| 23286 | 17/10/12   | Smart Grid EMC applications.pdf                    | 2363 |
| 23287 | 20/11/11   | Smart Grid EMC Efforts.pdf                         | 2882 |
| 23288 | 20/11/14   | Smart Grid EMC Standard Harmonization.pdf          | 879  |
| 23289 | 31/01/14   | Smart Grid EMC Standards Harmonization.pdf         | 829  |
| 23290 | 16/10/12   | Smart Grid EMI-IEMI Threats.pdf                    | 994  |
| 23291 | 10/04/15   | Smart Grid Interoperability Panel (SGIP) 2.0.pdf   | 820  |
| 23292 | 31/07/15   | Smart Grid Technologies.pdf                        | 253  |
| 23293 | 28/06/04   | Stability analysis.pdf                             | 221  |
| 23294 | 10/04/15   | Standards View of Smart Grid EMC.pdf               | 273  |
| 23295 | 20/11/11   | Utility Side of the Smart Grid.pdf                 | 838  |
| 23296 | 07/10/12   | Voltage Quality in Urban and Rural Areas.pdf       | 322  |
| 23297 | 31/01/14   | What Makes Smart Grid - Smart.pdf                  | 543  |
| 23298 | <b>Réseaux électriques &amp; harmoniques\Vérification de réseaux</b> |  |      |
| 23299 | 14/04/15   | Vectorless Transient Power Grid Verification.pdf   | 280  |

23300

## Sécurité électrique

23302

|       |          |   |     |
|-------|----------|---|-----|
| 23303 | 03/12/15 | Body Resistance Review.pdf                    | 317 |
| 23304 | 02/10/15 | Compliance to Batteries Standards.pdf         | 140 |
| 23305 | 29/07/15 | Designing Effective Product Safety Labels.pdf | 247 |
| 23306 | 01/08/15 | Discharge Shocks from CRT Faceplates.pdf      | 126 |
| 23307 | 04/08/15 | Electrical Safety Testing Guide.pdf           | 579 |

|       |          |   |      |
|-------|----------|---|------|
| 23308 | 24/07/15 | Electrically-Caused Fire in Multilayer Circuit Boards.pdf     | 178  |
| 23309 | 02/10/15 | Emergency Stop Symbols.pdf                                    | 163  |
| 23310 | 27/07/15 | Failing Product Safety Testing in 21st Century.pdf            | 321  |
| 23311 | 29/07/15 | Guide to Effective Product Safety Labels 2.pdf                | 324  |
| 23312 | 24/07/15 | Guide to Effective Product Safety Labels.pdf                  | 393  |
| 23313 | 27/02/15 | IEC 60950-1 Ed2 Am2_2014 Overview.pdf                         | 1642 |
| 23314 | 29/07/15 | Marking and Labeling.pdf                                      | 425  |
| 23315 | 29/07/15 | Occupational Hazards of the Safety Engineer.pdf               | 262  |
| 23316 | 02/10/15 | On Limited-Current Circuits.pdf                               | 176  |
| 23317 | 27/02/15 | PoE plus Isolation Requirements.pdf                           | 64   |
| 23318 | 27/02/15 | Regulatory 802.3 & IEC 950.pdf                                | 81   |
| 23319 | 14/11/15 | Risque Industriel N33 - Défaillance transformateur (2015).pdf | 109  |
| 23320 | 27/02/15 | Safety for electronic equipments IEC 60065-.pdf               | 5189 |
| 23321 | 06/01/07 | Sécurité électrique CERN.ppt                                  | 1011 |
| 23322 | 07/09/12 | Sécurité incendie dans les ERP.pdf                            | 488  |
| 23323 | 07/09/12 | Sécurité incendie dans les habitations.pdf                    | 508  |
| 23324 | 07/09/12 | Sécurité incendie dans les IGH.pdf                            | 376  |
| 23325 | 27/07/15 | Some Thoughts about Interlocks.pdf                            | 104  |
| 23326 | 06/10/15 | Testing to IEC60601 Standards.pdf                             | 2012 |
| 23327 | 29/07/15 | The Hazards of Multiple Grounding.pdf                         | 192  |
| 23328 | 23/07/15 | The Hi-pot Test.pdf   | 232  |
| 23329 | 23/07/15 | Theory of Equipment Grounding Impedance.pdf                   | 201  |
| 23330 | 29/07/15 | Understanding Creepage Distances.pdf                          | 111  |
| 23331 | 27/07/15 | Understanding Laser Labeling.pdf                              | 241  |
| 23332 | 24/07/15 | Understanding Symbols.pdf                                     | 175  |
| 23333 | 27/07/15 | Use of Overcurrent Protection in Plug-and-Socket.pdf          | 129  |

23334

23335

## Sites de mesures

23336

23337

## Sites de mesures\Accessoires et effets

|       |          |                                     |     |
|-------|----------|-------------------------------------|-----|
| 23338 | 13/11/04 | Accessories Perturbations 2.pdf     | 728 |
| 23339 | 23/06/03 | Accessories perturbations.pdf       | 174 |
| 23340 | 14/11/04 | Finite Metallic Plane of OATS 1.pdf | 135 |
| 23341 | 20/12/04 | Finite Metallic Plane of OATS 2.pdf | 133 |
| 23342 | 16/02/02 | Influence of table.pdf              | 129 |

|       |  |   |      |
|-------|--|---|------|
| 23343 | 07/03/04   | OATS Finite Metallic Plane.pdf                      | 131  |
| 23344 | 26/06/01   | OATS table effects.pdf                              | 169  |
| 23345 | 17/06/07   | Roughness of the ground-plane.pdf                   | 69   |
| 23346 | 29/10/08   | Turntable & E-Field Uniformity.pdf                  | 270  |
| 23347 | <b>Sites de mesures\Atténuation normalisée de site - NSA</b> |   |      |
| 23348 | 25/02/04   | Analysis of NSA method.pdf                          | 676  |
| 23349 | 13/11/04   | Analysis of Site Attenuation.pdf                    | 192  |
| 23350 | 23/12/04   | CAE Site Attenuation Report.pdf                     | 220  |
| 23351 | 13/12/07   | Field Uniformity Measurements.pdf                   | 226  |
| 23352 | 25/02/04   | GPIB NSA control.pdf                                | 132  |
| 23353 | 07/12/10   | Groundplanes to NSA-measurements of OATS.pdf        | 351  |
| 23354 | 10/01/11   | Method to Measure NSA.pdf                           | 383  |
| 23355 | 10/03/11   | Normalized Site Attenuation With Reflected Rods.pdf | 333  |
| 23356 | 13/12/07   | NSA and VNSA Data Sets.pdf                          | 485  |
| 23357 | 15/12/04   | NSA Complex Fit.pdf                                 | 340  |
| 23358 | 23/11/08   | NSA in Semi-Anechoic Chamber.pdf                    | 443  |
| 23359 | 17/06/07   | NSA Measured by Dipole Antenna.pdf                  | 72   |
| 23360 | 23/06/03   | NSA measurement.pdf                                 | 150  |
| 23361 | 24/06/03   | NSA method Analysis.pdf                             | 588  |
| 23362 | 19/12/01   | NSA Test site validation.pdf                        | 208  |
| 23363 | 20/01/06   | NSA with log periodic.pdf                           | 536  |
| 23364 | 03/06/07   | OATS Groundplane NSA-measurements.pdf               | 360  |
| 23365 | 28/10/07   | Site Attenuation in OATS.pdf                        | 157  |
| 23366 | <b>Sites de mesures\Cellules TEM ou GTEM</b>                 |   |      |
| 23367 | 19/11/13   | E- and H-Fields Inside a Four-Port TEM Cell.pdf     | 254  |
| 23368 | 19/10/06   | GTEM Cell Construction.pdf                          | 2726 |
| 23369 | 23/08/06   | GTEM Cells above 1 GHz.webarchive                   | 214  |
| 23370 | 12/10/06   | The Use of GTEM Cells for EMC.pdf                   | 1129 |
| 23371 | <b>Sites de mesures\Chambres semi et anéchoïques</b>         |   |      |
| 23372 | 05/09/05   | 10-meter Semi-Anechoic Chamber.pdf                  | 623  |
| 23373 | 25/02/04   | 3-m semi-anechoic chamber.pdf                       | 112  |
| 23374 | 25/08/09   | Absorber Placement to achieve Free-Space Test.pdf   | 443  |
| 23375 | 14/01/08   | Absorber Placement to get "Free- Space".pdf         | 290  |
| 23376 | 05/06/07   | Anechoic Chamber NSA Calculation.pdf                | 295  |
| 23377 | 18/11/04   | Anechoic Chamber Qualification.pdf                  | 156  |

|       |   |  |      |
|-------|---|--|------|
| 23378 | 12/04/07  | Anechoic Chambers.pdf                                | 623  |
| 23379 | 30/11/03  | Anechoic room characteristics.pdf                    | 273  |
| 23380 | 15/07/07  | Building a semi-anechoic chamber.pdf                 | 61   |
| 23381 | 13/07/10  | Chambre HIRF CEA-Gramat SIEPEL.pdf                   | 1181 |
| 23382 | 06/03/04  | Field Uniformity.pdf                                 | 209  |
| 23383 | 20/08/09  | Increasing the Anechoic Quiet Zone.pdf               | 97   |
| 23384 | 07/12/10  | OATS to Fully Absorber Lined Chamber Correlation.pdf | 233  |
| 23385 | 23/12/15  | Results of UWB Rectangular Anechoic Chamber.pdf      | 1973 |
| 23386 | 09/12/13  | Salles anéchoïques électromagnétiques.pdf            | 377  |
| 23387 | 21/04/03  | Semi_Anechoic Chambers.pdf                           | 293  |
| 23388 | 25/02/04  | Semi-anechoic chambers.pdf                           | 291  |
| 23389 | 25/02/04  | Semi-anechoic facility.pdf                           | 31   |
| 23390 | 25/02/04  | Semi-anechoic room.pdf                               | 85   |
| 23391 | 20/11/11  | Time-Domain Metrics in Anechoic Chambers.pdf         | 5204 |
| 23392 | <b>Sites de mesures\Comparaisons et correlations</b>    |  |      |
| 23393 | 30/11/03  | Anechoic chamber vs. OATS.pdf                        | 510  |
| 23394 | 24/08/09  | Comparison of VSWR & TDR Methods.pdf                 | 1267 |
| 23395 | 29/03/10  | Correlating TEM Cell and OATS.pdf                    | 461  |
| 23396 | 01/12/06  | Correlation between GTEM & OATS.pdf                  | 218  |
| 23397 | 30/11/11  | Correlation of Emission Limits for Test Sites.pdf    | 1184 |
| 23398 | 12/11/04  | FAC & Open Area Test Site.pdf                        | 146  |
| 23399 | 12/10/09  | Reproducibility of Radiated Emissions.pdf            | 300  |
| 23400 | 15/12/01  | Semi_anechoic vs OATS.pdf                            | 84   |
| 23401 | 13/11/04  | Semi-anechoic Chamber vs OATS.pdf                    | 239  |
| 23402 | 25/02/04  | Site-to-site measurement.pdf                         | 151  |
| 23403 | 13/12/07  | Traceability in Site Validation.pdf                  | 188  |
| 23404 | <b>Sites de mesures\Conception et sites alternatifs</b> |  |      |
| 23405 | 25/02/04  | 2-D semi-anechoic chamber.pdf                        | 127  |
| 23406 | 12/11/04  | A Low Cost Conversion Chamber.pdf                    | 246  |
| 23407 | 15/07/07  | Aluminum foil shielding room.pdf                     | 344  |
| 23408 | 21/03/04  | Chambres réverbérantes en 2D.pdf                     | 266  |
| 23409 | 25/02/04  | Compact EMC chamber.pdf                              | 263  |
| 23410 | 16/11/05  | Design of Chambers for EMC.pdf                       | 112  |
| 23411 | 06/03/04  | Different Test Environments.pdf                      | 224  |
| 23412 | 25/02/04  | EMC test facilities.pdf                              | 240  |

|       |   |   |     |
|-------|---|---|-----|
| 23413 | 19/10/06  | Measurements in a Reverberant Cavity.pdf                      | 217 |
| 23414 | 25/02/09  | Partially Lined Screened Room.pdf                             | 226 |
| 23415 | 24/08/10  | Standards for Alternative Test Sites.pdf                      | 334 |
| 23416 | 25/02/04  | Test site validation.pdf                                      | 162 |
| 23417 | 29/08/08  | Workbench Faraday Cage Workshop.pdf                           | 190 |
| 23418 | <b>Sites de mesures\Couplages entre antennes</b>      |   |     |
| 23419 | 11/10/13  | Link Between Insertion Loss and Lower Bound of Efficiency.pdf | 291 |
| 23420 | <b>Sites de mesures\EMC Testing Images\Images ö 1</b> |   |     |
| 23421 | 23/08/06  | 010327a.jpg   | 32  |
| 23422 | 23/08/06  | 010327b.jpg   | 24  |
| 23423 | 23/08/06  | 010327c.jpg   | 22  |
| 23424 | 23/08/06  | 010327d.jpg   | 64  |
| 23425 | 23/08/06  | 010327e.jpg   | 46  |
| 23426 | 23/08/06  | 010327f.jpg   | 53  |
| 23427 | 23/08/06  | 010327g.jpg   | 39  |
| 23428 | 23/08/06  | 010327h.jpg   | 68  |
| 23429 | 23/08/06  | 010327i.jpg   | 47  |
| 23430 | 23/08/06  | 010327j.jpg   | 31  |
| 23431 | 23/08/06  | 010327k.jpg   | 142 |
| 23432 | 23/08/06  | 010327l.jpg   | 26  |
| 23433 | 23/08/06  | 010327m.jpg   | 33  |
| 23434 | 23/08/06  | 010327n.jpg   | 25  |
| 23435 | 23/08/06  | 010327o.jpg   | 27  |
| 23436 | 23/08/06  | 010327p.jpg   | 25  |
| 23437 | 23/08/06  | 010327q.jpg   | 43  |
| 23438 | <b>Sites de mesures\EMC Testing Images\Images ö 2</b> |   |     |
| 23439 | 23/08/06  | 010422a.jpg   | 12  |
| 23440 | 23/08/06  | 010422b.jpg   | 13  |
| 23441 | 23/08/06  | 010422c.jpg   | 17  |
| 23442 | 23/08/06  | 010422d.jpg   | 16  |
| 23443 | 23/08/06  | 010422e.jpg   | 13  |
| 23444 | 23/08/06  | 010422f.jpg   | 12  |
| 23445 | 23/08/06  | 010422g.jpg   | 15  |
| 23446 | 23/08/06  | 010422h.jpg   | 11  |
| 23447 | 23/08/06  | 010422i.jpg   | 11  |

|       |   |             |    |
|-------|---|-------------|----|
| 23448 | 23/08/06  | 010422j.jpg | 14 |
| 23449 | 23/08/06  | 010422k.jpg | 15 |
| 23450 | 23/08/06  | 010422l.jpg | 11 |
| 23451 | 23/08/06  | 010422m.jpg | 8  |
| 23452 | 23/08/06  | 010422n.jpg | 13 |
| 23453 | 23/08/06  | 010422q.jpg | 11 |
| 23454 | 23/08/06  | 010422r.jpg | 20 |
| 23455 | 23/08/06  | 010422s.jpg | 13 |
| 23456 | 23/08/06  | 010422t.jpg | 9  |
| 23457 | 23/08/06  | 010422u.jpg | 12 |
| 23458 | <b>Sites de mesures\EMC Testing Images\Images ÷ 3</b> |             |    |
| 23459 | 23/08/06  | 010619a.jpg | 12 |
| 23460 | 23/08/06  | 010619b.jpg | 9  |
| 23461 | 23/08/06  | 010619c.jpg | 11 |
| 23462 | 23/08/06  | 010619d.jpg | 15 |
| 23463 | 23/08/06  | 010619e.jpg | 17 |
| 23464 | 23/08/06  | 010619f.jpg | 15 |
| 23465 | 23/08/06  | 010619g.jpg | 15 |
| 23466 | 23/08/06  | 010619h.jpg | 33 |
| 23467 | 23/08/06  | 010619i.jpg | 17 |
| 23468 | 23/08/06  | 010619j.jpg | 11 |
| 23469 | 23/08/06  | 010619k.jpg | 14 |
| 23470 | 23/08/06  | 010619l.jpg | 16 |
| 23471 | 23/08/06  | 010619m.jpg | 14 |
| 23472 | 23/08/06  | 010619n.jpg | 10 |
| 23473 | 23/08/06  | 010619p.jpg | 10 |
| 23474 | 23/08/06  | 010619q.jpg | 19 |
| 23475 | 23/08/06  | 010619r.jpg | 15 |
| 23476 | 23/08/06  | 010619s.jpg | 14 |
| 23477 | <b>Sites de mesures\EMC Testing Images\Images ÷ 4</b> |             |    |
| 23478 | 23/08/06  | 010822a.jpg | 59 |
| 23479 | 23/08/06  | 010822b.jpg | 51 |
| 23480 | 23/08/06  | 010822c.jpg | 44 |
| 23481 | 23/08/06  | 010822d.jpg | 52 |
| 23482 | 23/08/06  | 010822e.jpg | 44 |

|       |  |             |    |
|-------|--|-------------|----|
| 23483 | 23/08/06                                       | 010822f.jpg | 38 |
| 23484 | 23/08/06                                       | 010822g.jpg | 42 |
| 23485 | 23/08/06                                       | 010822h.jpg | 52 |
| 23486 | 23/08/06                                       | 010822i.jpg | 43 |
| 23487 | 23/08/06                                       | 010822j.jpg | 32 |
| 23488 | 23/08/06                                       | 010822k.jpg | 62 |
| 23489 | 23/08/06                                       | 010822l.jpg | 55 |
| 23490 | 23/08/06                                       | 010822m.jpg | 46 |
| 23491 | 23/08/06                                       | 010822n.jpg | 44 |
| 23492 | 23/08/06                                       | 010822o.jpg | 37 |
| 23493 | 23/08/06                                       | 010822p.jpg | 49 |
| 23494 | 23/08/06                                       | 010822q.jpg | 29 |
| 23495 | Sites de mesures\EMC Testing Images\Images ñ 5 |             |    |
| 23496 | 23/08/06                                       | 011021a.jpg | 41 |
| 23497 | 23/08/06                                       | 011021b.jpg | 44 |
| 23498 | 23/08/06                                       | 011021c.jpg | 45 |
| 23499 | 23/08/06                                       | 011021d.jpg | 61 |
| 23500 | 23/08/06                                       | 011021e.jpg | 39 |
| 23501 | 23/08/06                                       | 011021f.jpg | 41 |
| 23502 | 23/08/06                                       | 011021g.jpg | 31 |
| 23503 | 23/08/06                                       | 011021h.jpg | 17 |
| 23504 | 23/08/06                                       | 011021i.jpg | 16 |
| 23505 | 23/08/06                                       | 011021j.jpg | 33 |
| 23506 | 23/08/06                                       | 011021k.jpg | 38 |
| 23507 | 23/08/06                                       | 011021l.jpg | 45 |
| 23508 | Sites de mesures\EMC Testing Images\Images ñ 6 |             |    |
| 23509 | 23/08/06                                       | 020122a.jpg | 30 |
| 23510 | 23/08/06                                       | 020122b.jpg | 37 |
| 23511 | 23/08/06                                       | 020122c.jpg | 25 |
| 23512 | 23/08/06                                       | 020122d.jpg | 33 |
| 23513 | 23/08/06                                       | 020122e.jpg | 33 |
| 23514 | 23/08/06                                       | 020122f.jpg | 28 |
| 23515 | 23/08/06                                       | 020122g.jpg | 31 |
| 23516 | 23/08/06                                       | 020122h.jpg | 22 |
| 23517 | 23/08/06                                       | 020122i.jpg | 24 |



|       |  |  |      |
|-------|--|--|------|
| 23518 | 23/08/06   | 020122j.jpg  | 42   |
| 23519 | 23/08/06   | 020122k.jpg  | 25   |
| 23520 | 23/08/06   | 020122l.jpg  | 32   |
| 23521 | 23/08/06   | 020122m.jpg  | 27   |
| 23522 | 23/08/06   | 020122n.jpg  | 27   |
| 23523 | 23/08/06   | 020122o.jpg  | 23   |
| 23524 | 23/08/06   | 020122p.jpg  | 26   |
| 23525 | 23/08/06   | 020122q.jpg  | 20   |
| 23526 | 23/08/06   | 020122r.jpg  | 30   |
| 23527 | 23/08/06   | 020122s.jpg  | 26   |
| 23528 | <b>Sites de mesures\Mesures de champ en temporel</b>             |  |      |
| 23529 | 20/08/09   | Directive Wavefronts Inside a Time Reverse Chamber.pdf | 268  |
| 23530 | 21/08/09   | High-Resolution Site Attenuation.pdf                   | 686  |
| 23531 | 24/11/07   | Time-Domain Chamber Absorption.pdf                     | 447  |
| 23532 | 07/10/08   | Time-Domain Site Attenuation.pdf                       | 494  |
| 23533 | <b>Sites de mesures\Mesures, modélisation et erreurs de site</b> |  |      |
| 23534 | 09/01/08   | Analysis of EMC Chambers by Ray Tracing.pdf            | 161  |
| 23535 | 17/10/12   | Basic Measurement Sites & Errors.pdf                   | 1361 |
| 23536 | 29/11/04   | Chamber Quality & Field Mapping.pdf                    | 205  |
| 23537 | 20/03/06   | EMC Chamber Computation.pdf                            | 112  |
| 23538 | 19/08/09   | FDTD Analysis of Site Free Space VSWR.pdf              | 177  |
| 23539 | 25/12/07   | LF Analysis of Anechoic Chamber.pdf                    | 123  |
| 23540 | 12/01/08   | Measurement Sites Methods & Errors.pdf                 | 570  |
| 23541 | 13/11/11   | Measurement Sites Methods and Errors.pdf               | 509  |
| 23542 | 28/02/11   | Measurements and Modeling.pdf                          | 795  |
| 23543 | 23/08/06   | OATS for Antenna Calibration.webarchive                | 72   |
| 23544 | 11/03/10   | Prediction of 3 m semi anechoic chamber.pdf            | 225  |
| 23545 | 27/04/06   | Prédiction semi-anéchoïque.pdf                         | 62   |
| 23546 | 30/11/03   | Site to site reproductibility.pdf                      | 98   |
| 23547 | 12/12/06   | Sites, Methods & Associated Errors.pdf                 | 631  |
| 23548 | 20/08/09   | Validation of Absorber Lined Shielded Enclosures.pdf   | 229  |
| 23549 | <b>Sites de mesures\Validation de site au-delà de 1 GHz</b>      |  |      |
| 23550 | 22/01/07   | Anechoic Chambers Above 1 GHz.pdf                      | 227  |
| 23551 | 03/09/07   | Anechoic Chambers to Millimeter Range.pdf              | 875  |
| 23552 | 15/12/04   | Chamber Influence from 1 to 18 GHz.pdf                 | 905  |

|       |          |  |      |
|-------|----------|--|------|
| 23553 | 01/03/11 | Comparison of VSWR & TDR Methods above 1 GHz.pdf     | 2128 |
| 23554 | 05/12/04 | EMI Testing above 1 GHz.pdf                          | 161  |
| 23555 | 20/08/09 | Feature Selective Validation Method to Test Site.pdf | 151  |
| 23556 | 26/03/07 | Fully Anechoic Room (FAR) Validation.pdf             | 1378 |
| 23557 | 05/06/07 | Limits and Method above 1 GHz.pdf                    | 4708 |
| 23558 | 01/12/04 | NSA above 1 GHz.pdf                                  | 436  |
| 23559 | 18/11/05 | Practical Limits above 1 GHz.pdf                     | 331  |
| 23560 | 18/12/04 | Radiation Measurements to 40GHz.pdf                  | 278  |
| 23561 | 29/10/08 | Receiving antenna & SVSWR Validation.pdf             | 402  |
| 23562 | 08/09/05 | RF Measurement above 1 GHz.pdf                       | 344  |
| 23563 | 14/01/08 | Site Qualification Above 1 GHz 2.pdf                 | 225  |
| 23564 | 01/03/11 | Site Qualification above 1 GHz 3.pdf                 | 783  |
| 23565 | 30/11/03 | Site qualification above 1 GHz.pdf                   | 459  |
| 23566 | 30/11/04 | Site Requirements ? 1GHz.pdf                         | 557  |
| 23567 | 10/01/11 | Site Validation above 1 GHz for Site VSWR.pdf        | 429  |
| 23568 | 14/01/08 | Site Validation Above 1 GHz in Europe.pdf            | 527  |
| 23569 | 03/09/08 | Site Validation above 1 GHz.pdf                      | 683  |
| 23570 | 15/12/04 | Site Validation Above 1GHz.pdf                       | 2102 |
| 23571 | 21/08/09 | SVSWR above 1GHz.pdf                                 | 872  |
| 23572 | 24/01/08 | Test Site Validation Above 1 GHz 2.pdf               | 285  |
| 23573 | 01/01/07 | Test Site Validation above 1 GHz.pdf                 | 105  |
| 23574 | 17/06/06 | Testing Above 1GHz.pdf                               | 332  |
| 23575 | 15/12/09 | Validation RF Test Sites.pdf                         | 252  |
| 23576 | 20/11/11 | VNA for Site Validation Above 1 GHz 2.pdf            | 1087 |
| 23577 | 01/03/11 | VNA for Site Validation above 1 GHz.pdf              | 1541 |
| 23578 | 07/03/12 | Zone 1-6 GHz LCIE Rev2.pdf                           | 553  |

23579

23580

## SPICE, IBIS & ICEM

23581

|       |          |  |     |
|-------|----------|--|-----|
| 23582 | 22/02/12 | AN MT-099 Analog Circuit Simulation.pdf  | 390 |
| 23583 | 12/12/06 | Basics of IBIS Modeling.pdf              | 292 |
| 23584 | 12/01/08 | Cable assembly SPICE simulations.pdf     | 367 |
| 23585 | 22/12/09 | Cellule solaire sous SPICE.pdf           | 95  |
| 23586 | 11/01/08 | Coupling of PCB-Chassis Systems.pdf      | 145 |
| 23587 | 28/10/07 | Extraction of Embedded Interconnects.pdf | 313 |

|       |          |  |      |
|-------|----------|--|------|
| 23588 | 15/12/06 | Fast Analysis High-speed Interconnects.pdf               | 109  |
| 23589 | 25/02/04 | FDTD SPICE LSI analysis.pdf                              | 184  |
| 23590 | 22/02/12 | First Experience with Multisim.pdf                       | 348  |
| 23591 | 13/10/14 | For Better System Block Design.pdf                       | 320  |
| 23592 | 08/10/12 | Generation of Physical Equivalent Circuits.pdf           | 223  |
| 23593 | 13/12/06 | Issues with Practical EM-Ckt Modeling.pdf                | 534  |
| 23594 | 13/11/04 | Macromodeling of Packages.pdf                            | 176  |
| 23595 | 14/02/12 | Modèle SPICE list.pdf                                    | 865  |
| 23596 | 06/09/05 | MoM-SPICE Field Coupling Analysis.pdf                    | 223  |
| 23597 | 10/12/07 | Nonlinear Identification of Systems.pdf                  | 152  |
| 23598 | 31/03/11 | Nonuniform Fields on Shielded Cables.pdf                 | 309  |
| 23599 | 06/09/11 | Order Reduction by Real-Coefficient AFS.pdf              | 298  |
| 23600 | 18/08/09 | Parameters of SPICE3 MOSFET Model.pdf                    | 1182 |
| 23601 | 07/09/05 | Power Bus Noise Isolation & SPICE.pdf                    | 121  |
| 23602 | 10/09/05 | Propagation in Twisted Wire Pairs.pdf                    | 220  |
| 23603 | 18/08/12 | Scalable models in EMC simulation.pdf                    | 333  |
| 23604 | 31/12/06 | Shielded Cable SPICE Macro-Model.pdf                     | 274  |
| 23605 | 15/10/13 | Simulating circuits with impasse points.pdf              | 296  |
| 23606 | 23/12/08 | SPICE & Gas Discharge Tube.pdf                           | 133  |
| 23607 | 11/01/08 | SPICE & Power Bus with Narrow Slots.pdf                  | 229  |
| 23608 | 13/10/14 | SPICE Circuit Generation Using Scattering Parameters.pdf | 294  |
| 23609 | 28/10/07 | SPICE Equivalent Circuits.pdf                            | 348  |
| 23610 | 11/10/13 | SPICE FinFET and UTB IC Models.pdf                       | 923  |
| 23611 | 23/02/09 | SPICE for Field Coupling to Lossy Line.pdf               | 235  |
| 23612 | 03/07/15 | SPICE Gas Discharge Tube Model.pdf                       | 223  |
| 23613 | 23/06/03 | SPICE Interconnects.pdf                                  | 173  |
| 23614 | 22/02/12 | SPICE Macromodel for CMOS Op Amp.pdf                     | 170  |
| 23615 | 19/06/15 | SPICE Model of a Single Twisted-Wire Pair.pdf            | 917  |
| 23616 | 12/12/06 | SPICE Modeling for IC.pdf                                | 164  |
| 23617 | 07/09/05 | SPICE modelization.pdf                                   | 239  |
| 23618 | 20/08/09 | Spice Models for Multi-Gbps Interconnect.pdf             | 187  |
| 23619 | 15/03/10 | SPICE Models For Power Electronics.pdf                   | 61   |
| 23620 | 05/03/10 | SPICE models of barrier & measured data.pdf              | 322  |
| 23621 | 18/02/02 | SPICE multiconductors.pdf                                | 53   |
| 23622 | 09/12/07 | SPICE Skin Effects models.pdf                            | 52   |

|       |  |  |      |
|-------|--|--|------|
| 23623 | 15/02/02                               | SPIICE vs measure.pdf  | 83   |
| 23624 | 30/03/10                               | SPIICE Zener Simulation.pdf                                      | 46   |
| 23625 | 22/02/12                               | SPIICE-Compatible Op Amp Macro-Models.pdf                        | 743  |
| 23626 | 18/12/04                               | SPIICE-Type Equivalent Circuits.pdf                              | 162  |
| 23627 | 03/03/09                               | Transient Analysis of Ferromagnetic Grid.pdf                     | 223  |
| 23628 | <b>SPIICE, IBIS &amp; ICEM\LTspice</b> |  |      |
| 23629 | 13/01/10                               | AC1182 filtre varistances foudre V2.pdf                          | 6882 |
| 23630 | 23/08/07                               | AC936 simulations LTSpice V2.doc                                 | 3517 |
| 23631 | 13/01/10                               | Aide LTSPICE V1.pdf  | 889  |
| 23632 | 27/08/07                               | capacités_commutées V1.doc                                       | 470  |
| 23633 | 02/09/09                               | capacitor disturbances V1.doc                                    | 1186 |
| 23634 | 17/10/07                               | common mode simul Bode analysis V1.doc                           | 3557 |
| 23635 | 13/01/10                               | Common mode simul V1.pdf   | 6689 |
| 23636 | 22/04/08                               | COMPARATIF DE SIMULATIONS DE BOUCLES LTSPICE MIMETRIX-SIMPLI.doc | 545  |
| 23637 | 25/11/04                               | Compléments exemples Ltspice V1.doc                              | 60   |
| 23638 | 27/08/07                               | démodulation ampli op V1.doc                                     | 2194 |
| 23639 | 13/01/10                               | Diode Varistance V1.pdf  | 5976 |
| 23640 | 28/11/03                               | erreurs aide .doc  | 25   |
| 23641 | 24/08/07                               | étude des filtres CEM V2.doc                                     | 1416 |
| 23642 | 05/12/03                               | Exemples circuits Spice Linear Techno V1.doc                     | 356  |
| 23643 | 13/01/10                               | Exemples LTSpice V1.pdf  | 7159 |
| 23644 | 02/11/04                               | ferrites simulation LTspice V1.doc                               | 613  |
| 23645 | 12/09/07                               | fiche d'instructions de routage filtres éd4.doc                  | 3488 |
| 23646 | 13/01/10                               | Filtre 2 cellules V1.pdf   | 7046 |
| 23647 | 14/11/07                               | Filtre CEM mode différentiel V1.doc                              | 2338 |
| 23648 | 20/03/08                               | filtres astuces compensation mesures V1 .doc                     | 288  |
| 23649 | 20/03/08                               | filtres astuces compensation V1.doc                              | 2632 |
| 23650 | 04/07/07                               | flyback rsil réel v1.doc   | 2746 |
| 23651 | 13/01/10                               | Flyback RSIL V3.pdf  | 3471 |
| 23652 | 03/09/04                               | flyback rsil.doc   | 1553 |
| 23653 | 30/06/08                               | IMPORTATIONS DE MODELES DANS LTSPICE JUIN 2008 V1.doc            | 1169 |
| 23654 | 30/06/08                               | IMPORTATIONS DE MODELES DANS LTSPICE JUIN 2008 V2.doc            | 975  |
| 23655 | 05/09/08                               | INFLUENCE DE LA SATURATION DES SELFS DANS UN ECRETEUR DE SUR.doc | 1586 |
| 23656 | 10/01/08                               | MODELE VARISTANCE V1.doc   | 713  |
| 23657 | 04/09/08                               | Modèles de selfs saturables dans LTspice V1.doc                  | 2169 |

|       |          |  |      |
|-------|----------|--|------|
| 23658 | 24/08/07 | modulation par les diodes de redressement V2.doc | 1719 |
| 23659 | 02/12/03 | PM12 commande grilles V1.doc                     | 764  |
| 23660 | 21/08/07 | PM12 pfc V1.doc                                  | 733  |
| 23661 | 28/11/03 | Pspice gratuit.doc                               | 483  |
| 23662 | 13/01/10 | Simulation alimentation universelle V1.pdf       | 5213 |
| 23663 | 13/01/10 | Simulation Mode commun alim V2.pdf               | 4779 |
| 23664 | 07/11/07 | Simulations filtres 1 cellule V1.doc             | 79   |
| 23665 | 04/07/07 | Spice simulations V2 LT.doc                      | 1674 |
| 23666 | 24/08/07 | spice simulations V2 orcad .doc                  | 3768 |
| 23667 | 04/07/07 | spice simulations V2.doc                         | 1823 |

23668

23669

## Systèmes & installations

23670

|       |          |  |      |
|-------|----------|--|------|
| 23671 | 10/09/07 | 2004_CERN_LHC.pdf                        | 118  |
| 23672 | 24/12/04 | ADP Installation.pdf                     | 868  |
| 23673 | 18/07/05 | Advanced Chemical Weapons.pdf            | 262  |
| 23674 | 28/01/07 | Applying 61000-5-2.pdf                   | 269  |
| 23675 | 28/01/07 | Assessing an EM environment.pdf          | 195  |
| 23676 | 22/09/06 | ATT-TP-76416-001 Grounding & Bonding.pdf | 924  |
| 23677 | 23/08/06 | Audio System (Part 1).webarchive         | 263  |
| 23678 | 23/08/06 | Audio System (Part 2).webarchive         | 313  |
| 23679 | 17/08/06 | Audio-Video Power Ground.pdf             | 474  |
| 23680 | 03/08/08 | Between Model & Reality - Braun.pdf      | 1123 |
| 23681 | 14/07/07 | Communication Cabling Standards.pdf      | 670  |
| 23682 | 16/06/10 | Conception CEM des batiments.pdf         | 349  |
| 23683 | 13/05/08 | Data Ducting Infrastructure.pdf          | 1213 |
| 23684 | 22/10/03 | EMC for Audio Systems.pdf                | 424  |
| 23685 | 16/08/06 | EMC for systems & installations-1.pdf    | 206  |
| 23686 | 16/08/06 | EMC for systems & installations-2.pdf    | 675  |
| 23687 | 16/08/06 | EMC for systems & installations-3.pdf    | 703  |
| 23688 | 18/08/06 | EMC for systems & installations-4.pdf    | 368  |
| 23689 | 22/08/06 | EMC for systems & installations-5.pdf    | 409  |
| 23690 | 16/08/06 | EMC for systems & installations-6.pdf    | 273  |
| 23691 | 23/06/07 | EMC Fritz Szoncsç.pdf                    | 32   |
| 23692 | 12/09/06 | Government Buildings.pdf                 | 798  |

|       |   |  |      |
|-------|---|--|------|
| 23693 | 04/06/06  | Grounding & Bonding.pdf                            | 2528 |
| 23694 | 09/10/06  | Grounding Bonding & Inductance.pdf                 | 761  |
| 23695 | 26/03/07  | Grounding of Power Systems ? 600 V.pdf             | 213  |
| 23696 | 21/08/05  | Guidelines for Building Facilities.pdf             | 2579 |
| 23697 | 21/08/05  | HP Site Preparation.pdf                            | 130  |
| 23698 | 29/05/05  | HP9000 Site Preparation Guide.pdf                  | 3231 |
| 23699 | 27/08/11  | Impulsive Noise in a Substation.pdf                | 628  |
| 23700 | 05/10/06  | Info-communications in Buildings.pdf               | 2582 |
| 23701 | 04/09/07  | KBOB_2006 Câblage Universel.pdf                    | 480  |
| 23702 | 06/09/05  | LF emissions from switchgear.pdf                   | 466  |
| 23703 | 19/12/04  | Line During Short Circuit.pdf                      | 81   |
| 23704 | 28/11/11  | Mesure de l'isolement électrique.pdf               | 279  |
| 23705 | 21/11/14  | Methods for Evaluating Complex EM Environments.pdf | 9270 |
| 23706 | 18/12/04  | New Grounding Technique.pdf                        | 136  |
| 23707 | 21/03/04  | NF C 15-100 édition 2002.pdf                       | 64   |
| 23708 | 03/09/07  | Pipelines Near Faulted Power Lines.pdf             | 336  |
| 23709 | 03/10/07  | Planning and Installation.pdf                      | 86   |
| 23710 | 04/06/06  | RPI Design Guidelines & Specs.pdf                  | 134  |
| 23711 | 14/07/07  | TIA?EIA 568B Standard.pdf                          | 758  |
| 23712 | 04/06/06  | UCRL-AM-133867-R4 ES&H manual.pdf                  | 113  |
| 23713 | 04/06/06  | Why Grounding & Bonding.pdf                        | 2462 |
| 23714 | 21/08/05  | Wiring guidelines.pdf                              | 188  |
| 23715 | <b>Systèmes &amp; installations\EMC for Systems &amp; Installations Images\Images õ 1</b> |  |      |
| 23716 | 23/08/06  | 000217a.gif  | 23   |
| 23717 | 23/08/06  | 000217b.gif  | 23   |
| 23718 | 23/08/06  | 000217c.gif  | 26   |
| 23719 | 23/08/06  | 000217d.gif  | 23   |
| 23720 | <b>Systèmes &amp; installations\EMC for Systems &amp; Installations Images\Images õ 2</b> |  |      |
| 23721 | 23/08/06  | 000408a.gif  | 23   |
| 23722 | 23/08/06  | 000408b.gif  | 20   |
| 23723 | 23/08/06  | 000408c.gif  | 21   |
| 23724 | 23/08/06  | 000408d.gif  | 26   |
| 23725 | 23/08/06  | 000408e.gif  | 27   |
| 23726 | 23/08/06  | 000408f.gif  | 21   |
| 23727 | 23/08/06  | 000408g.gif  | 21   |

|       |   |             |    |
|-------|---|-------------|----|
| 23728 | 23/08/06  | 000408h.gif | 22 |
| 23729 | 23/08/06  | 000408j.gif | 21 |
| 23730 | 23/08/06  | 000408k.gif | 27 |
| 23731 | 23/08/06  | 000408l.gif | 21 |
| 23732 | 23/08/06  | 000408m.gif | 26 |
| 23733 | 23/08/06  | 000408n.gif | 21 |
| 23734 | 23/08/06  | 000408p.gif | 24 |
| 23735 | 23/08/06  | 000408q.gif | 16 |
| 23736 | 23/08/06  | 000408r.gif | 26 |
| 23737 | 23/08/06  | 000408s.gif | 22 |
| 23738 | 23/08/06  | 000408t.gif | 21 |
| 23739 | <b>Systèmes &amp; installations\EMC for Systems &amp; Installations Images\Images õ 3</b> |             |    |
| 23740 | 23/08/06  | 000625a.gif | 17 |
| 23741 | 23/08/06  | 000625b.gif | 19 |
| 23742 | 23/08/06  | 000625c.gif | 13 |
| 23743 | 23/08/06  | 000625d.gif | 12 |
| 23744 | 23/08/06  | 000625e.gif | 12 |
| 23745 | 23/08/06  | 000625f.gif | 13 |
| 23746 | 23/08/06  | 000625g.gif | 14 |
| 23747 | 23/08/06  | 000625h.gif | 14 |
| 23748 | 23/08/06  | 000625j.gif | 16 |
| 23749 | 23/08/06  | 000625k.gif | 18 |
| 23750 | 23/08/06  | 000625l.gif | 20 |
| 23751 | 23/08/06  | 000625m.gif | 12 |
| 23752 | 23/08/06  | 000625n.gif | 14 |
| 23753 | 23/08/06  | 000625p.gif | 14 |
| 23754 | 23/08/06  | 000625q.gif | 18 |
| 23755 | 23/08/06  | 000625r.gif | 18 |
| 23756 | 23/08/06  | 000625s.gif | 16 |
| 23757 | 23/08/06  | 000625t.gif | 10 |
| 23758 | 23/08/06  | 000625u.gif | 22 |
| 23759 | 23/08/06  | 000625v.gif | 19 |
| 23760 | <b>Systèmes &amp; installations\EMC for Systems &amp; Installations Images\Images õ 4</b> |             |    |
| 23761 | 23/08/06  | 000817a.gif | 21 |
| 23762 | 23/08/06  | 000817b.gif | 12 |

|       |   |              |    |
|-------|---|--------------|----|
| 23763 | 23/08/06  | 000817c.gif  | 28 |
| 23764 | 23/08/06  | 000817d.gif  | 32 |
| 23765 | 23/08/06  | 000817e.gif  | 29 |
| 23766 | 23/08/06  | 000817f.gif  | 27 |
| 23767 | 23/08/06  | 000817g.gif  | 24 |
| 23768 | 23/08/06  | 000817h.gif  | 20 |
| 23769 | 23/08/06  | 000817j.gif  | 24 |
| 23770 | <b>Systèmes &amp; installations\EMC for Systems &amp; Installations Images\Images õ 5</b> |              |    |
| 23771 | 23/08/06  | 0010185a.gif | 11 |
| 23772 | 23/08/06  | 0010185b.gif | 14 |
| 23773 | 23/08/06  | 0010185c.gif | 14 |
| 23774 | 23/08/06  | 0010185d.gif | 18 |
| 23775 | 23/08/06  | 0010185e.gif | 9  |
| 23776 | 23/08/06  | 0010185f.gif | 10 |
| 23777 | <b>Systèmes &amp; installations\EMC for Systems &amp; Installations Images\Images õ 6</b> |              |    |
| 23778 | 23/08/06  | 001218a.gif  | 27 |
| 23779 | 23/08/06  | 001218b.gif  | 34 |
| 23780 | 23/08/06  | 001218c.gif  | 40 |
| 23781 | 23/08/06  | 001218d.gif  | 30 |
| 23782 | 05/02/10  | 001218e.gif  | 21 |

23783

23784

## Terres et sols

23785

|       |          |   |      |
|-------|----------|---|------|
| 23786 | 01/11/08 | BS 7430_1998 Earthing.pdf                             | 929  |
| 23787 | 30/06/09 | Buried Wires of Finite Length.pdf                     | 165  |
| 23788 | 04/12/05 | Chemical-Rod Flyer.pdf                                | 121  |
| 23789 | 26/09/10 | Conducting Plate vs Real Earth.pdf                    | 290  |
| 23790 | 29/11/11 | Conductors and "Conductive Paths".pdf                 | 643  |
| 23791 | 01/11/08 | Earth & Corrosion Guide.pdf                           | 603  |
| 23792 | 06/03/04 | Earth Current and Ground Resistance.pdf               | 343  |
| 23793 | 12/01/14 | Earth Return Impedance With Pollaczek Integral.pdf    | 237  |
| 23794 | 10/04/07 | Earthing & EMC.pdf                                    | 169  |
| 23795 | 01/10/12 | Earth-Return Impedance for Underground Conductors.pdf | 244  |
| 23796 | 29/11/05 | Earth's Electrical Environment.pdf                    | 325  |
| 23797 | 21/08/13 | Effect of Frequency Dependence of Soil.pdf            | 1453 |



|       |          |   |      |
|-------|----------|---|------|
| 23798 | 12/03/15 | Effect of Frequency-Dependent Soil during Lightning.pdf       | 345  |
| 23799 | 06/10/12 | Effective Length of Grounding Electrodes.pdf                  | 328  |
| 23800 | 22/01/07 | EMF Interference with Buried Pipeline.pdf                     | 281  |
| 23801 | 17/04/13 | EMI on Substation Secondary System.pdf                        | 107  |
| 23802 | 05/03/09 | False Image of a Line Current.pdf                             | 62   |
| 23803 | 20/12/07 | Fast Front Overvoltages Modeling.pdf                          | 169  |
| 23804 | 19/12/14 | FDTD Analyses of Grounding Systems.pdf                        | 467  |
| 23805 | 03/09/07 | FDTD Thin Wires in a Lossy Medium.pdf                         | 608  |
| 23806 | 19/12/14 | Frequency Dependence of Electrical Parameters of Soil.pdf     | 588  |
| 23807 | 26/03/14 | Frequency-Dependent Soil Models.pdf                           | 400  |
| 23808 | 26/02/16 | Frequency-Dependent Soil Parameters & Numerical Stability.pdf | 1991 |
| 23809 | 05/06/11 | Frequency-Dependent Soil Resistivity and Permittivity.pdf     | 354  |
| 23810 | 27/06/07 | FT protection des centres.pdf                                 | 493  |
| 23811 | 01/02/10 | Ground Distance Protections Problems.pdf                      | 373  |
| 23812 | 01/03/09 | Ground Electrodes to Impulsive Currents.pdf                   | 126  |
| 23813 | 12/01/10 | Ground Impedance Matrix.pdf                                   | 76   |
| 23814 | 12/11/04 | Ground Resistance Meter's Indication.pdf                      | 356  |
| 23815 | 20/02/07 | Ground resistance vs ground Z.pdf                             | 220  |
| 23816 | 13/12/06 | Grounding for Safety & Noise Reduction.pdf                    | 86   |
| 23817 | 27/05/10 | Grounding in Generating Station.doc                           | 360  |
| 23818 | 08/09/07 | Grounding of Communication Sites.pdf                          | 5043 |
| 23819 | 26/03/07 | Grounding of Power Systems ? 600 V.pdf                        | 213  |
| 23820 | 10/04/15 | Grounding of Wind Turbines.pdf                                | 2094 |
| 23821 | 13/01/08 | Grounding Systems for HF & Transients.pdf                     | 1188 |
| 23822 | 26/07/07 | Guérin Hydrogéophysique.pdf                                   | 4561 |
| 23823 | 12/07/06 | H115 - 1984.pdf   | 2044 |
| 23824 | 11/01/10 | HF Analysis of Buried Wires.pdf                               | 108  |
| 23825 | 13/10/09 | HF Horizontal Grounding Electrodes.pdf                        | 106  |
| 23826 | 19/08/05 | HN 52-S-25 2001.pdf   | 173  |
| 23827 | 19/08/05 | HN 64-S-55_1997 Prises de terre.pdf                           | 41   |
| 23828 | 10/01/13 | IEEE - Substation Grounding Grid.pdf                          | 1246 |
| 23829 | 10/11/08 | IEEE 80_00 Safety Substation Grounding.pdf                    | 6037 |
| 23830 | 09/11/08 | IEEE 81-2_1991 Grounding Systems.pdf                          | 693  |
| 23831 | 27/05/06 | IEEE Powering & Grounding.pdf                                 | 124  |
| 23832 | 30/12/06 | Induced Voltage between Electrodes.pdf                        | 115  |

|       |          |   |      |
|-------|----------|---|------|
| 23833 | 30/11/11 | Inductance of Buried Horizontal Bare Conductors.pdf   | 163  |
| 23834 | 27/05/06 | Irrigation Grounding Guidelines.pdf                   | 75   |
| 23835 | 12/03/15 | Lightning Response of Grounding Grids.pdf             | 602  |
| 23836 | 30/06/09 | Lightning Rods at a Lossy Ground.pdf                  | 471  |
| 23837 | 06/12/05 | Low Resistance Earth Interface.pdf                    | 442  |
| 23838 | 19/08/05 | Mesure de terre.pdf                                   | 196  |
| 23839 | 21/11/12 | Metal Plate Buried in Dispersive Soil.pdf             | 133  |
| 23840 | 29/08/05 | Mise ... la terre.pdf                                 | 219  |
| 23841 | 14/12/15 | NF-C 17-200_07 Eclairage extérieur.pdf                | 559  |
| 23842 | 13/01/14 | Off-Diagonal Terms of the Ground Impedance Matrix.pdf | 53   |
| 23843 | 13/03/08 | Overhead & Buried Cables Mutual Z.pdf                 | 237  |
| 23844 | 13/10/09 | Overhead and Underground Earth-Return Impedance.pdf   | 249  |
| 23845 | 10/04/07 | Power-Quality Guide.pdf                               | 283  |
| 23846 | 19/01/10 | pr50522 Prises de terre HT.pdf                        | 415  |
| 23847 | 12/11/04 | Resistivity in Soil Ionization Region.pdf             | 104  |
| 23848 | 31/03/11 | Return Impedance of Underground Conductors.pdf        | 252  |
| 23849 | 12/09/06 | Rousseau Suitable Lightning Earth.pdf                 | 398  |
| 23850 | 31/10/07 | Simple Ground Resistance Calculation.pdf              | 120  |
| 23851 | 02/05/05 | SNCB Comportement des terres.pdf                      | 61   |
| 23852 | 28/05/06 | Tank Grounding.pdf                                    | 86   |
| 23853 | 16/05/14 | Terminal Voltages on the Grounding Conductor.pdf      | 822  |
| 23854 | 12/07/06 | Terres EDF - 1990.pdf                                 | 855  |
| 23855 | 19/06/15 | Thin Wire Above a Lossy Ground.pdf                    | 677  |
| 23856 | 04/01/11 | Tomographie Electrique et Résistivité.pdf             | 2851 |
| 23857 | 04/01/11 | Tomographie pratique.pdf                              | 2046 |
| 23858 | 06/07/08 | Transient Analysis of Buried Wires.pdf                | 320  |
| 23859 | 13/01/14 | Transient Current Along an Horizontal Electrode.pdf   | 306  |
| 23860 | 10/11/14 | Transient Grounding of a Wind Turbine Foundation.pdf  | 813  |
| 23861 | 30/12/06 | Transient on a Grounding Electrode.pdf                | 116  |
| 23862 | 20/08/09 | Transient Performance of Grounding Grids.pdf          | 118  |
| 23863 | 11/05/15 | Transient Performance of Grounding System.pdf         | 212  |
| 23864 | 25/06/07 | Transient Response of Grounding.pdf                   | 504  |
| 23865 | 11/01/10 | Transmission Lines with Arrester Termination.pdf      | 224  |
| 23866 | 28/10/07 | Transmission-Line & Grounding System.pdf              | 157  |
| 23867 | 31/08/07 | Underground Lightning EM Fields.pdf                   | 279  |

|       |   |  |      |
|-------|---|--|------|
| 23868 | 27/05/06  | Understanding Ground Testing.pdf                           | 1043 |
| 23869 | 14/12/15  | UTE 15-106_03 Conducteurs de protection.pdf                | 436  |
| 23870 | 03/09/07  | Vertical Conducting Wire Above Ground.pdf                  | 476  |
| 23871 | 30/11/11  | Vertical Wire Penetrating a Two-Layered Earth.pdf          | 284  |
| 23872 | 19/11/13  | Voltage on the Nearby Underground Metal Pipeline.pdf       | 493  |
| 23873 | 28/02/11  | Why and How to Ground Electrical Systems.pdf               | 557  |
| 23874 | <b>Terres et sols\Geotechnique - Mécanique des sols et roches</b> |  |      |
| 23875 | 19/11/12  | Comportement des sols non saturés.pdf                      | 310  |
| 23876 | 19/11/12  | Corrélations entre les propriétés des sols.pdf             | 355  |
| 23877 | 19/11/12  | Déformabilité des sols Tassements Consolidation.pdf        | 387  |
| 23878 | 19/11/12  | Description des roches et des massifs rocheux.pdf          | 538  |
| 23879 | 19/11/12  | Description, identification et classification des sols.pdf | 492  |
| 23880 | 19/11/12  | Diagraphies et géophysique de forage.pdf                   | 409  |
| 23881 | 19/11/12  | Eurocode 7 - Calcul géotechnique.pdf                       | 90   |
| 23882 | 19/11/12  | Fondations profondes.pdf                                   | 1206 |
| 23883 | 19/11/12  | Fondations superficielles.pdf                              | 368  |
| 23884 | 19/11/12  | Géologie.pdf   | 1374 |
| 23885 | 19/11/12  | Géophysique appliquée au génie civil.pdf                   | 351  |
| 23886 | 19/11/12  | Géotechnique - Mécanique des sols et roches.pdf            | 39   |
| 23887 | 19/11/12  | L'eau dans le sol.pdf                                      | 410  |
| 23888 | 19/11/12  | L'eau dans les sols non saturés.pdf                        | 326  |
| 23889 | 19/11/12  | Lois de comportement et modélisation des sols.pdf          | 221  |
| 23890 | 19/11/12  | Mécanique des roches - Généralités.pdf                     | 85   |
| 23891 | 19/11/12  | Murs de soutènement.pdf                                    | 810  |
| 23892 | 19/11/12  | Ouvrages de soutènement - Poussée et butée.pdf             | 749  |
| 23893 | 19/11/12  | Propriétés mécaniques des sols en place.pdf                | 446  |
| 23894 | 19/11/12  | Renforcement des sols par inclusions.pdf                   | 587  |
| 23895 | 19/11/12  | Résistance au cisaillement.pdf                             | 687  |
| 23896 | 19/11/12  | Stabilité des pentes - Glissements de terrain.pdf          | 557  |
| 23897 | 19/11/12  | Symboles, unités et définitions.pdf                        | 91   |
| 23898 |   |  |      |
| 23899 | <b>Traitement du signal</b>                                       |  |      |
| 23900 |   |  |      |
| 23901 | <b>Traitement du signal\Analyse des signaux</b>                   |  |      |
| 23902 | 05/03/14  | Analysis of Modulated Signals in 3 Steps.pdf               | 2009 |

|       |  |  |      |
|-------|--|--|------|
| 23903 | 26/03/15   | Signal Analysis Evolutions - Keysight.pdf                    | 4961 |
| 23904 | 07/05/15   | Spectrum Analysis Fundamentals - Keysight.pdf                | 2537 |
| 23905 | <b>Traitement du signal\Analyse vectorielle &amp; Paramètres S</b> |  |      |
| 23906 | 07/05/15   | Network Analysis Fundamentals.pdf                            | 2126 |
| 23907 | <b>Traitement du signal\Audio - Vidéo - Images</b>                 |  |      |
| 23908 | 15/10/13   | Algebraic and transform-based reconstruction.pdf             | 214  |
| 23909 | 25/11/12   | Analyse d'image - Traitements de bas niveau.pdf              | 522  |
| 23910 | 28/07/07   | BBC007-Depth metadata.pdf                                    | 432  |
| 23911 | 10/06/03   | BBC008-Video sources.pdf                                     | 72   |
| 23912 | 10/06/03   | BBC009-Watermarking.pdf                                      | 227  |
| 23913 | 10/06/03   | BBC015-Speech recognition.pdf                                | 128  |
| 23914 | 10/06/03   | BBC026-Virtual identities.pdf                                | 157  |
| 23915 | 10/06/03   | BBC033-Virtual 3-D.pdf                                       | 249  |
| 23916 | 10/06/03   | BBC035-Virtual 3-D.pdf                                       | 379  |
| 23917 | 28/07/07   | BBC038-MUSHRA Method.pdf                                     | 95   |
| 23918 | 10/06/03   | BBC041-Metavision.pdf  | 199  |
| 23919 | 02/07/03   | BBC053-Film look.pdf   | 2262 |
| 23920 | 28/07/07   | BBC078-Audio Watermarking.pdf                                | 484  |
| 23921 | 28/07/07   | BBC081-Audio Watermarking.pdf                                | 491  |
| 23922 | 02/11/05   | BBC101-Audio Watermarking.pdf                                | 138  |
| 23923 | 28/07/07   | BBC131-Video quality.pdf                                     | 606  |
| 23924 | 04/06/09   | BBC170 Standardising Audio over IP.pdf                       | 455  |
| 23925 | 04/06/09   | BBC175 Real World Dolby E Broadcast.pdf                      | 512  |
| 23926 | 20/07/09   | BBC176 Audio-Video synchronisation.pdf                       | 669  |
| 23927 | 09/11/11   | BBC203 Low Frequency Effects.pdf                             | 383  |
| 23928 | 20/01/12   | BBC208 Surround Video.pdf                                    | 2499 |
| 23929 | 13/02/13   | BBC214 Volumetric Visual Hull Compute.pdf                    | 180  |
| 23930 | 15/08/12   | BBC221 Ambisonics.pdf  | 397  |
| 23931 | 07/01/13   | BBC228 Affective Classification of Music.pdf                 | 366  |
| 23932 | 16/12/13   | BBC250 Virtual Surround Sound for Headphone.pdf              | 277  |
| 23933 | 16/12/13   | BBC251 Haptic Feedback Device.pdf                            | 332  |
| 23934 | 16/12/13   | BBC254 Localisation of Higher-Order Ambisonics.pdf           | 459  |
| 23935 | 08/12/13   | BBC257 CM and BICM limits for rectangular constellations.pdf | 7147 |
| 23936 | 10/12/13   | BBC259 Perceived Quality of Live TV Subtitles.pdf            | 313  |
| 23937 | 10/12/13   | BBC261 Localisation of Elevated Sources in Ambisonics.pdf    | 324  |

|       |   |  |      |
|-------|---|--|------|
| 23938 | 25/02/15  | BBC264 Visual Masking Phenomena.pdf                      | 216  |
| 23939 | 20/08/14  | BBC269 High Dynamic Range Video.pdf                      | 469  |
| 23940 | 25/02/15  | BBC282 Television Frame Rate Requirements.pdf            | 660  |
| 23941 | 12/02/16  | BBC309 High Dynamic Range Television System.pdf          | 859  |
| 23942 | 12/02/16  | BBC310 Adaptive Audio Reproduction.pdf                   | 579  |
| 23943 | 07/12/13  | Compression des images.pdf                               | 943  |
| 23944 | 14/05/12  | DTS Enhance White Paper.pdf                              | 148  |
| 23945 | 15/10/13  | Evaluation of road segmentation algorithms.pdf           | 236  |
| 23946 | 04/03/13  | Imaging and Calibration Algorithms for HERA.pdf          | 78   |
| 23947 | 04/03/13  | Interference cancellation for radio images.pdf           | 172  |
| 23948 | 06/03/13  | Lossless Audio Coding with Bandwidth Extension.pdf       | 82   |
| 23949 | 04/03/13  | MeqTrees and direction-dependent effects.pdf             | 2083 |
| 23950 | 04/04/09  | NTIA 09-457 Video Quality.pdf                            | 1479 |
| 23951 | 15/10/13  | Pedestrian detection using MPEG-7 descriptors.pdf        | 363  |
| 23952 | 23/06/03  | Pro-Audio Systems.pdf                                    | 231  |
| 23953 | 09/12/13  | Réalité virtuelle - Concepts et outils.pdf               | 361  |
| 23954 | 04/03/13  | Shapelets and Related Techniques.pdf                     | 596  |
| 23955 | 07/12/13  | Signal vidéo numérique.pdf                               | 551  |
| 23956 | 07/12/13  | Synthèse d'image.pdf                                     | 884  |
| 23957 | 07/12/13  | Traitement d'images en temps réel - Applications.pdf     | 158  |
| 23958 | 19/01/13  | Video handling on unmanned vehicles.pdf                  | 256  |
| 23959 | 21/02/08  | Video Quality Measurement HDBK.pdf                       | 180  |
| 23960 | 04/03/13  | w component and spherical imaging.pdf                    | 124  |
| 23961 | <b>Traitement du signal\Bruits et filtrages</b> |  |      |
| 23962 | 16/09/06  | Advanced Digital Signal Processing & Noise Reduction.pdf | 3318 |
| 23963 | 10/09/06  | Analog noise.pdf   | 102  |
| 23964 | 07/12/13  | Bruit dans les mesures optiques.pdf                      | 665  |
| 23965 | 15/08/12  | Bruit de fond - Méthodes de calcul.pdf                   | 297  |
| 23966 | 07/12/13  | Bruit de fond et mesures.pdf                             | 1013 |
| 23967 | 12/06/14  | Bruit des composants.pdf                                 | 1339 |
| 23968 | 21/03/04  | Bruit impulsif en SDSL.pdf                               | 108  |
| 23969 | 09/11/08  | Burr-Brown Noise and Interference.pdf                    | 384  |
| 23970 | 03/09/07  | Convergence of Noisy Vector Fitting.pdf                  | 416  |
| 23971 | 26/12/08  | Linearization of the Electronic Systems.pdf              | 196  |
| 23972 | 06/03/04  | Log-Normal Distribution.pdf                              | 258  |

|       |  |   |      |
|-------|--|---|------|
| 23973 | 07/01/12   | Low-frequency fluctuations noise in solids.pdf            | 3827 |
| 23974 | 25/11/12   | Méthodes en traitement du signal bruité.pdf               | 987  |
| 23975 | 27/02/04   | Noise and BER.pdf   | 147  |
| 23976 | 09/09/05   | Noisy frequency response extraction.pdf                   | 347  |
| 23977 | 07/12/13   | Pratique du filtrage - Filtrage analogique.pdf            | 709  |
| 23978 | 07/12/13   | Pratique du filtrage - Filtrage numérique.pdf             | 679  |
| 23979 | 07/12/13   | Pratique du filtrage - Introduction.pdf                   | 55   |
| 23980 | 20/10/15   | Removal of Specific Harmonics by Rise Time Control.pdf    | 268  |
| 23981 | <b>Traitement du signal\Calcul</b>               |   |      |
| 23982 | 28/11/10   | Cellular neural networks (CNN).pdf                        | 324  |
| 23983 | 10/11/08   | Formulas & Tables for Signal Processing.pdf               | 9187 |
| 23984 | 28/11/10   | Forward & backward RLS-DDCE processing.pdf                | 132  |
| 23985 | 28/11/10   | Signal processing for plane wave actuators.pdf            | 122  |
| 23986 | <b>Traitement du signal\Codex et compression</b> |   |      |
| 23987 | 06/03/08   | Assessment of Wavelets.pdf                                | 1492 |
| 23988 | 19/03/06   | ATSC Audio Compression (AC-3).pdf                         | 503  |
| 23989 | 10/06/03   | BBC025-MPEG-2.pdf   | 110  |
| 23990 | 10/06/03   | BBC036-AAF file format.pdf                                | 132  |
| 23991 | 28/07/07   | BBC044-Novel TV Compression.pdf                           | 169  |
| 23992 | 03/11/05   | BBC112-Arithmetic coding.pdf                              | 159  |
| 23993 | 28/07/07   | BBC117-Dirac Video Compression.pdf                        | 478  |
| 23994 | 28/07/07   | BBC118-Cascaded Audio Coding.pdf                          | 105  |
| 23995 | 28/07/07   | BBC119-HDTV Compression.pdf                               | 472  |
| 23996 | 28/07/07   | BBC124-Dirac Video Compression.pdf                        | 398  |
| 23997 | 20/11/07   | BBC159 Video Compression.pdf                              | 280  |
| 23998 | 02/10/11   | BBC190 Audio Processing & Speech Intelligibility.pdf      | 138  |
| 23999 | 15/07/13   | BBC230 Measurement of Human Sensitivity.pdf               | 192  |
| 24000 | 16/12/13   | BBC238 VC-2 Low Delay Video Codec.pdf                     | 596  |
| 24001 | 16/12/13   | BBC244 Coding in HEVC by Transform Skipping.pdf           | 190  |
| 24002 | 16/12/13   | BBC245 Multi-Loop Quality Scalability.pdf                 | 161  |
| 24003 | 16/12/13   | BBC246 Adaptive Transform Skipping.pdf                    | 1736 |
| 24004 | 25/02/15   | BBC262 Mirroring of coefficients for skipping in HEVC.pdf | 202  |
| 24005 | 25/02/15   | BBC263 Binary alpha channel compression.pdf               | 209  |
| 24006 | 25/02/15   | BBC265 HEVC Intensity spatial quantization.pdf            | 192  |
| 24007 | 16/12/13   | BBC267 High Efficiency Video Coding.pdf                   | 201  |

|       |  |  |      |
|-------|--|--|------|
| 24008 | 28/11/10   | Channel speech enhancement technique.pdf             | 274  |
| 24009 | 30/12/07   | Codage de la parole ... bas débits.pdf               | 283  |
| 24010 | 26/06/12   | Comparison of MPEG4 (H264) and JPEG2000.pdf          | 448  |
| 24011 | 04/03/13   | Compressed Sensing Techniques in Radio Astronomy.pdf | 84   |
| 24012 | 15/08/12   | Compression d'images statiques et dynamiques.pdf     | 1476 |
| 24013 | 07/12/13   | Compressions MPEG-1 ... MPEG-4.pdf                   | 267  |
| 24014 | 12/03/04   | CT-aacplus Compression DRM.pdf                       | 216  |
| 24015 | 07/12/13   | MPEG-7.pdf   | 57   |
| 24016 | 27/10/08   | Parallel Multilevel Low-Rank Compression.pdf         | 145  |
| 24017 | <b>Traitement du signal\Correction d'erreurs &amp; BER</b> |  |      |
| 24018 | 28/03/07   | 010100000001001.pdf                                  | 243  |
| 24019 | 28/07/07   | BBC031-Reed-Solomon code.pdf                         | 277  |
| 24020 | 15/10/13   | BICM-ID and MLC systems with FEC codes.pdf           | 252  |
| 24021 | 23/06/03   | Bit Error Rates.pdf                                  | 146  |
| 24022 | 24/12/08   | Bus-Inverted Coding Scheme.pdf                       | 263  |
| 24023 | 18/08/12   | Channel equalization using watermark.pdf             | 207  |
| 24024 | 28/03/07   | Codage détection correction d'erreurs.pdf            | 323  |
| 24025 | 14/10/13   | Code-aided synchronization IP core.pdf               | 254  |
| 24026 | 27/03/07   | Codes correcteurs d'erreurs.pdf                      | 87   |
| 24027 | 28/03/07   | Codes Cycliques.pdf                                  | 156  |
| 24028 | 28/03/07   | Codes linéaires, codes cycliques.pdf                 | 148  |
| 24029 | 29/03/07   | Correcteur d'erreurs convolutionnel.pdf              | 117  |
| 24030 | 27/10/08   | Differential Link BER Simulation.pdf                 | 285  |
| 24031 | 28/03/07   | Error Detection & Correction.pdf                     | 860  |
| 24032 | 28/03/07   | Error Detection and Correction.pdf                   | 134  |
| 24033 | 27/10/08   | Estimation of very low BER.pdf                       | 83   |
| 24034 | 10/02/16   | FPGA trellis decoders for linear block codes.pdf     | 202  |
| 24035 | 10/02/16   | Improved fault tolerance of Turbo decoding.pdf       | 261  |
| 24036 | 30/05/09   | Iteration control for turbo decoders.pdf             | 124  |
| 24037 | 30/03/07   | La révolution des turbo-codes.pdf                    | 294  |
| 24038 | 30/03/07   | Lowering Turbo Code Error Flare.pdf                  | 122  |
| 24039 | 27/08/08   | MIMO CPM with incoherent demodulation.pdf            | 122  |
| 24040 | 31/05/09   | MIMO-OFDM & error-correcting codes.pdf               | 109  |
| 24041 | 29/03/07   | Mythology of Turbo Codes.pdf                         | 12   |
| 24042 | 16/11/05   | NASA Robus Fault Tolerant Code.pdf                   | 995  |

|       |  |  |      |
|-------|--|--|------|
| 24043 | 01/01/07   | Reduced EMI clock signals.pdf                    | 184  |
| 24044 | 29/03/07   | Reed-Solomon & Co.pdf                            | 40   |
| 24045 | 28/01/07   | Statistical Bit Error Model.pdf                  | 426  |
| 24046 | 05/10/12   | Syndrome based Turbo decoding.pdf                | 175  |
| 24047 | 29/03/07   | Turbo Code & Code Block Size.pdf                 | 108  |
| 24048 | 21/06/03   | Turbo code performance.pdf                       | 525  |
| 24049 | 29/03/07   | Turbo Code Standard.pdf                          | 47   |
| 24050 | 30/03/07   | Turbo Codes for xDSL.pdf                         | 164  |
| 24051 | 29/03/07   | Turbo Codes on UMTS.pdf                          | 110  |
| 24052 | 30/03/07   | Turbocodes.pdf                                   | 297  |
| 24053 | 21/06/03   | Turbo-codes.pdf                                  | 79   |
| 24054 | 03/02/09   | Yannick Monnet Injection de fautes.pdf           | 1049 |
| 24055 | <b>Traitement du signal\Cryptographie</b>                          |  |      |
| 24056 | 29/03/09   | An Introduction to Cryptography.pdf              | 491  |
| 24057 | 29/03/09   | Cryptography FAQ.pdf                             | 141  |
| 24058 | 26/08/08   | Elliptic Curve Cryptography.pdf                  | 284  |
| 24059 | 20/02/14   | FIPS-197 Advanced Encryption Standards.pdf       | 214  |
| 24060 | 20/02/14   | Guide to NIST Information Security Documents.pdf | 1485 |
| 24061 | 09/12/13   | Procédés de chiffrement.pdf                      | 175  |
| 24062 | 29/03/09   | Wireless Security.pdf                            | 2768 |
| 24063 | <b>Traitement du signal\ traitement de spectre et embrouillage</b> |  |      |
| 24064 | 11/09/05   | Direct-Sequence Spread Spectrum-1.pdf            | 165  |
| 24065 | 09/09/05   | Direct-Sequence Spread Spectrum-2.pdf            | 119  |
| 24066 | 10/10/11   | Scrambling Data For EMC Compliance.pdf           | 873  |
| 24067 | 08/12/04   | Spread Spectrum Theory.pdf                       | 224  |
| 24068 | <b>Traitement du signal\FFT - Fenêtrage - Analyse spectrale</b>    |  |      |
| 24069 | 21/12/12   | A Comprehensive Windows Tutorial.pdf             | 891  |
| 24070 | 13/09/11   | Analyse de Fourier.pdf                           | 770  |
| 24071 | 10/10/10   | Analyse FFT premier niveau.pdf                   | 446  |
| 24072 | 10/10/10   | Analyse spectrale.pdf                            | 2972 |
| 24073 | 04/06/06   | ECC REPORT 63 - FFT.pdf                          | 2312 |
| 24074 | 27/02/04   | Fast FFT EMI measurement.pdf                     | 670  |
| 24075 | 12/05/01   | Fenêtres FFT.pdf                                 | 47   |
| 24076 | 10/10/10   | FFT et Filtrage numérique.pdf                    | 562  |
| 24077 | 10/10/10   | FFT Windowing.pdf                                | 1303 |



|       |  |   |      |
|-------|--|---|------|
| 24078 | 21/12/12   | Finite Aperture Effects & Applications.pdf          | 2230 |
| 24079 | 21/10/15   | Inverse Continuous Numerical Fourier Transform.pdf  | 159  |
| 24080 | 24/10/08   | Inverse Fourier Transform & Apps.pdf                | 288  |
| 24081 | 10/10/10   | Optimiser les FFT grâce au fenêtrage.pdf            | 279  |
| 24082 | 23/12/15   | Peak Detection for Time-Domain EMI Measurements.pdf | 355  |
| 24083 | 21/12/12   | Properties of FFT Windows.pdf                       | 49   |
| 24084 | 24/02/09   | Statistics of a Sum of Harmonics.pdf                | 182  |
| 24085 | 14/12/15   | Tektronix Mixed Domain Oscilloscope.pdf             | 3168 |
| 24086 | 13/09/11   | Transformée de Fourier.pdf                          | 56   |
| 24087 | 21/12/12   | Ultraspherical Window Function.pdf                  | 239  |
| 24088 | 21/12/12   | Windows with Very Good Sidelobe.pdf                 | 188  |
| 24089 | <b>Traitement du signal\Filtrage linéaire ou numérique</b> |   |      |
| 24090 | 28/07/07   | BBC106-AGC time-constants.pdf                       | 102  |
| 24091 | 14/11/06   | Bessel Passe-bas Ordre 3-20 Hz.pdf                  | 75   |
| 24092 | 15/11/06   | Bessel Passe-bas Ordre 4-20 Hz.pdf                  | 76   |
| 24093 | 14/11/06   | Butterworth Passe-bas Ordre 3-20 Hz.pdf             | 75   |
| 24094 | 15/11/06   | Butterworth Passe-bas Ordre 4-20 Hz.pdf             | 76   |
| 24095 | 20/11/14   | Causality and Delay and Physics in Real Systems.pdf | 695  |
| 24096 | 01/03/13   | Circuit Synthesis for Microstrip Structures.pdf     | 149  |
| 24097 | 05/01/12   | Filters Active, Passive & Switched-Capacitor.pdf    | 345  |
| 24098 | 12/06/14   | Filtrage (conditionnement) du signal.pdf            | 734  |
| 24099 | 16/10/06   | Filtrage linéaire.pdf                               | 403  |
| 24100 | 14/11/06   | Filtrage numerique.pdf                              | 263  |
| 24101 | 14/11/06   | Filtres linéaires.pdf                               | 269  |
| 24102 | 14/11/06   | Filtres passe-bas.pdf                               | 192  |
| 24103 | 26/02/04   | FIR filter design.pdf                               | 125  |
| 24104 | 01/03/13   | Infinite Integrals With Weighted Averages.pdf       | 95   |
| 24105 | 19/08/12   | Inverse filtering for time X-ray imaging.pdf        | 378  |
| 24106 | 05/01/12   | Les filtres ... commutation.pdf                     | 220  |
| 24107 | 08/07/07   | Minimum Bandwidth & Digital Modulation.pdf          | 2116 |
| 24108 | 23/06/03   | New Emission Method.pdf                             | 177  |
| 24109 | 31/07/08   | Passive Filters.pdf                                 | 84   |
| 24110 | 31/12/06   | Pre-emphasis Filter for Over Gbps.pdf               | 277  |
| 24111 | <b>Traitement du signal\Imagerie</b>                       |   |      |
| 24112 | 12/02/16   | BBC280 Demosaicing Bayer sampled images.pdf         | 1070 |

|       |   |  |      |
|-------|---|--|------|
| 24113 | 27/08/08  | Coherent MMW-ISAR-Imaging.pdf                            | 122  |
| 24114 | 27/08/08  | Human Gait using a CW Radar at 24 GHz.pdf                | 134  |
| 24115 | 19/08/12  | Ion Beam & cellular nonlinear networks.pdf               | 218  |
| 24116 | 08/02/16  | Microwave FMCW sparse array imaging.pdf                  | 371  |
| 24117 | 03/01/11  | Walsh Encoding of Random Patterns.pdf                    | 451  |
| 24118 | 05/07/12  | Wireless Monitoring of Physiological Movements.pdf       | 116  |
| 24119 | <b>Traitement du signal\Modélisation</b>                      |  |      |
| 24120 | 31/05/09  | Blakesley's Source Shift Theorem.pdf                     | 71   |
| 24121 | 03/01/11  | Double-Exponential Pulses With Nelder-Mead Algorithm.pdf | 126  |
| 24122 | 04/03/13  | Log-Normal approximation of Chi-square distributions.pdf | 170  |
| 24123 | <b>Traitement du signal\Modulation et démodulation</b>        |  |      |
| 24124 | 07/12/13  | Codage de l'information et modulation des signaux.pdf    | 527  |
| 24125 | 21/08/13  | Improved Definition of ODM for FSV.pdf                   | 417  |
| 24126 | 15/08/12  | Modulation - Démodulation.pdf                            | 1121 |
| 24127 | 07/01/12  | Modulation & Coding for Information Storage.pdf          | 1495 |
| 24128 | 14/11/04  | Suppressed Carrier Clock.pdf                             | 258  |
| 24129 | <b>Traitement du signal\Ondelettes et DTC</b>                 |  |      |
| 24130 | 29/07/07  | Assessment of Wavelets.pdf                               | 1492 |
| 24131 | 25/01/09  | Implementation of the DTC.pdf                            | 119  |
| 24132 | 07/12/13  | Ondelettes et applications.pdf                           | 436  |
| 24133 | 04/03/13  | Wavelet Analysis for Electromagnetic Field.pdf           | 91   |
| 24134 | 06/10/12  | Wavelet Techniques for Power Quality.pdf                 | 364  |
| 24135 | <b>Traitement du signal\Reconnaissance visuelle ou sonore</b> |  |      |
| 24136 | 23/10/11  | Metallic Letter Identification by Radar.pdf              | 392  |
| 24137 | 05/10/12  | Naval ship recognition.pdf                               | 152  |
| 24138 | 10/10/10  | Reconnaissance de la parole.pdf                          | 886  |
| 24139 | 19/12/14  | Slow Modulation Behavior of FMCW Radar.pdf               | 844  |
| 24140 | <b>Traitement du signal\Sécurité informatique</b>             |  |      |
| 24141 | 29/03/09  | NIST Introduction to Computer Security.pdf               | 1451 |
| 24142 | 31/05/09  | Ranging based on pseudo-random codes.pdf                 | 76   |
| 24143 | <b>Traitement du signal\Théorie et mathématiques</b>          |  |      |
| 24144 | 13/09/08  | Analog-Digital Shaper.pdf                                | 304  |
| 24145 | 13/09/08  | CMS Detector Performance.pdf                             | 1401 |
| 24146 | 13/09/08  | CMS The Trigger Systems.pdf                              | 3343 |
| 24147 | 22/03/09  | Fundamentals of Telecommunications.pdf                   | 162  |

|       |  |  |      |
|-------|--|--|------|
| 24148 | 28/11/10   | Heterogeneous Access Management.pdf                                | 177  |
| 24149 | 12/06/14   | Introduction au traitement du Signal.pdf                           | 651  |
| 24150 | 07/12/13   | Problèmes inverses en traitement du signal.pdf                     | 429  |
| 24151 | 07/12/13   | Représentations temps-fréquence.pdf                                | 401  |
| 24152 | 26/11/12   | Signaux aléatoires.pdf   | 137  |
| 24153 | 21/06/09   | Signaux déterministes Transformées et abaqués.pdf                  | 4378 |
| 24154 | 15/08/12   | Théorie de l'information - Formalisation.pdf                       | 101  |
| 24155 | 15/08/12   | Théorie de l'information - Mathématiques.pdf                       | 326  |
| 24156 | 15/08/12   | Théorie de l'information - Physique.pdf                            | 200  |
| 24157 | 10/02/16   | ZePoC encoder for sinusoidal signals.pdf                           | 213  |
| 24158 | <b>Traitement du signal\Traitement des signaux</b> |  |      |
| 24159 | 10/09/06   | Analog Signal Processing.pdf                                       | 432  |
| 24160 | 10/09/06   | Analog to Digital Conversion.pdf                                   | 354  |
| 24161 | 13/08/12   | Applications de la transformation de Fourier.pdf                   | 335  |
| 24162 | 16/10/06   | Aspects de traitement du signal.pdf                                | 2056 |
| 24163 | 10/12/13   | BBC266 Cascaded Coding Applications.pdf                            | 150  |
| 24164 | 18/03/09   | Cable De-Embedding.pdf   | 106  |
| 24165 | 16/10/06   | Communications Numériques.pdf                                      | 7461 |
| 24166 | 18/03/09   | Eye Doctor - Lecroy SI Tool.pdf                                    | 1642 |
| 24167 | 20/08/09   | Feature Selective Validation (FSV) Technique.pdf                   | 252  |
| 24168 | 03/08/08   | From analog to digital - Belleman.pdf                              | 1069 |
| 24169 | 07/10/06   | Fundamentals of telecom.pdf  | 187  |
| 24170 | 18/08/06   | L'échantillonnage.pdf  | 61   |
| 24171 | 28/11/10   | Low complexity Turbo synchronization.pdf                           | 167  |
| 24172 | 16/05/03   | Modulation_modems.pdf  | 69   |
| 24173 | 25/05/03   | Modulations intro.pdf  | 84   |
| 24174 | 24/05/03   | Modulations num.pdf  | 77   |
| 24175 | 07/12/13   | Paramètres caractéristiques d'un signal.pdf                        | 588  |
| 24176 | 18/08/06   | Signal Processing.pdf  | 2546 |
| 24177 | 31/07/08   | Signals and Systems.pdf  | 854  |
| 24178 | 28/11/10   | Single snapshot DOA estimation.pdf                                 | 126  |
| 24179 | 18/03/09   | Technical Brief IsoBER Lecroy.pdf                                  | 115  |
| 24180 | 22/09/06   | Time to Digital Conversion.pdf                                     | 419  |
| 24181 | 28/08/15   | Time-Domain EMI Measurements Through Digital Signal Processing.pdf | 1711 |
| 24182 | 07/12/13   | Traitement des signaux.pdf   | 923  |

|       |  |  |      |
|-------|--|--|------|
| 24183 | 13/08/12                                   | Traitement numerique des signaux d'analyse.pdf | 289  |
| 24184 | 15/08/12                                   | Traitement numérique du signal.pdf             | 444  |
| 24185 | 16/10/06                                   | Traitements Locaux.pdf                         | 932  |
| 24186 | <b>Traitement du signal\Traitements RF</b> |  |      |
| 24187 | 02/12/07                                   | Echo Cancellation.pdf                          | 101  |
| 24188 | 10/08/10                                   | GPS Receiver Sensitivity Analysis.pdf          | 119  |
| 24189 | 01/12/05                                   | Localisation de sources en UMTS.pdf            | 1304 |
| 24190 | 09/09/05                                   | Low-Level Jamming Signals.pdf                  | 566  |
| 24191 | 02/08/07                                   | NTIA - RF and IF Digitization.pdf              | 807  |
| 24192 | 05/12/04                                   | Quadrature Receiver Calibration.pdf            | 126  |
| 24193 | 14/08/06                                   | Spectrum Analysis R&S.pdf                      | 2460 |
| 24194 | 21/11/10                                   | Time of arrival estimation.pdf                 | 98   |

24195

## 24196 Transmissions filaires

24197

|       |   |   |      |
|-------|---|---|------|
| 24198 | <b>Transmissions filaires\ADSL - VDSL et XDSL</b> |   |      |
| 24199 | 02/12/07  | ADSL Technology.pdf                         | 98   |
| 24200 | 10/06/03  | BBC020-Internet DTV.pdf                     | 98   |
| 24201 | 10/06/03  | BBC030-DVB Multimedia.pdf                   | 134  |
| 24202 | 26/04/04  | BBC082-Digital Switch-Over.pdf              | 277  |
| 24203 | 07/10/06  | DSL Spectral Compatibility.pdf              | 345  |
| 24204 | 22/03/09  | Extending ADSL Services to DLC.pdf          | 115  |
| 24205 | 30/06/07  | Impulse Noise in ADSL Systems.pdf           | 1635 |
| 24206 | 16/05/03  | Spectre xDSL.pdf                            | 1007 |
| 24207 | 28/10/08  | TR 101 953-2-3 {v111}07 VDSL Splitters.pdf  | 176  |
| 24208 | 26/10/08  | TS 101 270-1 {v141}05 VDSL Requirements.pdf | 486  |
| 24209 | 28/10/08  | TS 101 270-1 {v141}05 VDSL Specs.pdf        | 486  |
| 24210 | 23/10/08  | VDSL Alcatel 2000.pdf                       | 161  |
| 24211 | 07/10/06  | VDSL.pdf                                    | 111  |
| 24212 | 23/10/08  | VDSL2 E - 2006.pdf                          | 551  |
| 24213 | 04/08/12  | VDSL2 Functionality Test Plan.pdf           | 310  |
| 24214 | 21/03/04  | VDSL-CAP et VDSL-DMT.pdf                    | 310  |
| 24215 | 02/12/07  | Very-High-Data-Rate VDSL.pdf                | 100  |
| 24216 | 09/06/07  | XDSL Broadband Noise.pdf                    | 123  |
| 24217 | 16/11/05  | York xDSL Mode Conversion.pdf               | 335  |

|       |  |  |      |
|-------|--|--|------|
| 24218 | <b>Transmissions filaires\ARINC</b>                      |  |      |
| 24219 | 23/11/13   | ARINC 429 Holt's 3.3V.pdf                      | 41   |
| 24220 | 19/04/14   | Constructing an ARINC 429 Repeater.pdf         | 653  |
| 24221 | 19/04/14   | Data on ARINC 429 bus without a MCU.pdf        | 349  |
| 24222 | 23/11/13   | Testing & Simulation of ARINC818.pdf           | 206  |
| 24223 | <b>Transmissions filaires\Broadband &amp; evolution</b>  |  |      |
| 24224 | 12/10/08   | Broadband over Power Line.pdf                  | 171  |
| 24225 | 22/03/09   | Copper Loop in the 21st Century.pdf            | 252  |
| 24226 | 27/10/12   | Data Cabling for Aircraft.pdf                  | 752  |
| 24227 | 22/03/09   | DSL and the Evolution of ATM Networks.pdf      | 382  |
| 24228 | 30/12/08   | Global Broadband Deployment.pdf                | 118  |
| 24229 | 24/01/15   | High-Speed Switched Serial Fabrics Ed5.pdf     | 1833 |
| 24230 | 22/03/09   | Management for Next-Generation Networks.pdf    | 58   |
| 24231 | 09/06/03   | Physical Media.pdf                             | 329  |
| 24232 | 21/03/09   | The Evolution of Broadband.pdf                 | 212  |
| 24233 | 08/06/03   | Transmission media.ppt                         | 30   |
| 24234 | 07/12/04   | UWB Technology.pdf                             | 307  |
| 24235 | 26/11/12   | Weight reduction and space savings.pdf         | 269  |
| 24236 | 21/03/09   | Wideband CDMA.pdf                              | 77   |
| 24237 | 21/03/09   | Wireless Broadband Modems.pdf                  | 140  |
| 24238 | <b>Transmissions filaires\Bus lents (CAN &amp; 1553)</b> |  |      |
| 24239 | 05/02/10   | 1553-bus.pdf                                   | 66   |
| 24240 | 26/11/12   | Bus CAN.pdf                                    | 251  |
| 24241 | 07/11/15   | CAN Bus Transceivers Withstand ñ60V Faults.pdf | 938  |
| 24242 | 11/05/15   | CAN Network Susceptibility to EFT.pdf          | 942  |
| 24243 | 21/03/14   | Constructing an ARINC 429 Repeater.pdf         | 653  |
| 24244 | 01/02/10   | Les bus dans l'automobile.pdf                  | 297  |
| 24245 | <b>Transmissions filaires\Cables et cablages</b>         |  |      |
| 24246 | 03/10/07   | Alien Crosstalk Measurements.pdf               | 304  |
| 24247 | 03/12/09   | C90-483 Cablage résidentiel - Base UTE.pdf     | 506  |
| 24248 | 05/01/03   | Installed Cabling 2005.pdf                     | 93   |
| 24249 | 01/02/10   | LANscape Cabling System.pdf                    | 4711 |
| 24250 | 31/03/06   | Sagem Infrastructures Communication.pdf        | 471  |
| 24251 | <b>Transmissions filaires\COFDM filaire</b>              |  |      |
| 24252 | 12/10/08   | Broadband over Power Line.pdf                  | 171  |

|       |  |   |      |
|-------|--|---|------|
| 24253 | 26/10/12   | Flexible OFDM Signal Generation.pdf             | 936  |
| 24254 | 24/07/04   | Modulation COFDM.pdf                            | 366  |
| 24255 | 02/12/07   | OFDM for Mobile Communications.pdf              | 387  |
| 24256 | 27/07/12   | OFDM Tutorial.pdf                               | 337  |
| 24257 | 20/12/04   | Power of OFDM Signals.pdf                       | 103  |
| 24258 | <b>Transmissions filaires\Connecteurs</b>        |   |      |
| 24259 | 04/01/11   | Arnould PRISES RJ45.pdf                         | 236  |
| 24260 | <b>Transmissions filaires\CPL, PLC &amp; PLT</b> |   |      |
| 24261 | 05/09/05   | 2005 Broadband over Power Lines.pdf             | 446  |
| 24262 | 13/11/04   | AC Mains to Telecom Port Noise.pdf              | 557  |
| 24263 | 16/08/06   | Australia PFC.pdf                               | 282  |
| 24264 | 28/07/07   | BBC067-PLC & broadcast reception.pdf            | 482  |
| 24265 | 28/07/07   | BBC099-PLT & Broadcasting.pdf                   | 1245 |
| 24266 | 05/12/05   | BBC114-PLT & Radio Services.pdf                 | 1716 |
| 24267 | 28/07/07   | BBC116-PLT & Radio Reception.pdf                | 470  |
| 24268 | 02/06/11   | BBC195 VHF emissions from PLT devices.pdf       | 1046 |
| 24269 | 30/06/15   | BBC222 PLT Interference on the Mains.pdf        | 679  |
| 24270 | 08/04/07   | BPL & EMC Issues.pdf                            | 797  |
| 24271 | 10/09/05   | BPL Emissions.pdf                               | 174  |
| 24272 | 11/09/05   | Broadband Over Power Line (BPL).pdf             | 264  |
| 24273 | 24/04/10   | Caractérisation CPL.pdf                         | 2290 |
| 24274 | 04/03/13   | Coexistence of VDSL2 and PLC.pdf                | 150  |
| 24275 | 10/04/07   | Cumulative Radiated Emission.pdf                | 1280 |
| 24276 | 07/05/09   | DM to CM Conversion over BPL.pdf                | 182  |
| 24277 | 25/09/13   | Electronic equipment and PLC.pdf                | 1168 |
| 24278 | 07/10/12   | Eliminating Man-Made Noise from PLC Systems.pdf | 220  |
| 24279 | 07/01/05   | FCC-04-245A1.pdf                                | 336  |
| 24280 | 24/02/09   | Impulsive Noise in Broad-Band PLC.pdf           | 295  |
| 24281 | 06/03/04   | Indoor AC Mains Line.pdf                        | 370  |
| 24282 | 10/09/05   | Indoor AC Mains Radiating H Field.pdf           | 439  |
| 24283 | 03/01/11   | Indoor Broadband Power-Line Noise.pdf           | 256  |
| 24284 | 26/03/14   | Indoor LV Narrowband PLC Channel.pdf            | 393  |
| 24285 | 18/12/07   | Indoor Power Cable Network for PLC.pdf          | 141  |
| 24286 | 08/04/09   | Installations PLC en Suisse.pdf                 | 47   |
| 24287 | 11/12/07   | LCL Characteristics of Power Line.pdf           | 208  |

|       |  |   |      |
|-------|--|---|------|
| 24288 | 16/08/06                               | Malaysian PLC.pdf                                 | 213  |
| 24289 | 16/10/12                               | Narrowband Power Line Communication Channel.pdf   | 267  |
| 24290 | 16/08/06                               | NTIA BPL Report 04-413 Volume II.pdf              | 2861 |
| 24291 | 11/12/07                               | OFDM Signal Characteristics for PLC.pdf           | 254  |
| 24292 | 30/12/06                               | Overhead MV Power lines for PLC.pdf               | 110  |
| 24293 | 04/03/13                               | PLC between an inverter and a motor.pdf           | 323  |
| 24294 | 02/08/10                               | PLC cumulative effect on noise.pdf                | 242  |
| 24295 | 05/04/04                               | PLC interferences.pdf                             | 485  |
| 24296 | 28/08/11                               | PLC System for Spacecraft DC Power Buses.pdf      | 608  |
| 24297 | 11/12/07                               | PLC Terminal Condition Dependency.pdf             | 492  |
| 24298 | 25/05/03                               | PLC-CEM.pdf                                       | 29   |
| 24299 | 18/11/05                               | PLT & xDSL Cumulative Effects.pdf                 | 509  |
| 24300 | 17/11/05                               | PLT Measurements at Crieff.pdf                    | 1029 |
| 24301 | 14/09/02                               | Power line comm analysis.pdf                      | 171  |
| 24302 | 14/11/04                               | Power Line Communication.pdf                      | 230  |
| 24303 | 11/09/02                               | Power line telecom.pdf                            | 156  |
| 24304 | 06/11/12                               | Presentation-CEM-R-REF-0103.pdf                   | 43   |
| 24305 | 25/05/12                               | Propagation of CM Currents in a Balanced Line.pdf | 389  |
| 24306 | 10/09/05                               | Radiated Emission from Power Line.pdf             | 389  |
| 24307 | 21/03/04                               | Rayonnement xDSL.pdf                              | 157  |
| 24308 | 10/12/07                               | Residential Power Circuit Model.pdf               | 119  |
| 24309 | 08/06/03                               | RSGB PLC.pdf                                      | 50   |
| 24310 | 04/03/13                               | Towards PLC in vehicle.pdf                        | 290  |
| 24311 | 11/09/05                               | Transmission of Indoor AC Mains Lines.pdf         | 258  |
| 24312 | 18/12/07                               | Unbalance of the PLC Device and T-ISN.pdf         | 104  |
| 24313 | 14/09/06                               | VDSL & PLT Radio Compatibility.pdf                | 1193 |
| 24314 | 10/07/11                               | White Paper on CISPR-I-PLT.pdf                    | 1795 |
| 24315 | 10/05/12                               | Why PLT is bad for EMC.pdf                        | 219  |
| 24316 | 18/11/05                               | xDSL & Radio reception.pdf                        | 1781 |
| 24317 | <b>Transmissions filaires\Ethernet</b> |   |      |
| 24318 | 08/02/09                               | 10 Gigabit Ethernet Over UTP.pdf                  | 654  |
| 24319 | 01/12/07                               | 1000BaseT Random Noise Tolerance.pdf              | 436  |
| 24320 | 11/09/10                               | 10GBASE-T Category 6A Cabling.pdf                 | 339  |
| 24321 | 25/08/07                               | 10GBASE-T Line Signaling.pdf                      | 1104 |
| 24322 | 08/02/09                               | 10GBASE-T PHY Bandwidth.pdf                       | 192  |

|       |          |   |      |
|-------|----------|---|------|
| 24323 | 08/02/09 | 10GBASE-T Physical Layer Specs.pdf              | 84   |
| 24324 | 31/12/02 | 10GBASE-T Requirements.pdf                      | 59   |
| 24325 | 03/10/07 | 10GBASE-T Signaling.pdf                         | 104  |
| 24326 | 08/02/09 | 10GBASE-T Tutorial Overview.pdf                 | 570  |
| 24327 | 02/05/09 | 11801-corrigendum.pdf                           | 34   |
| 24328 | 26/08/07 | 50173-4_2007 Homes Cabling.pdf                  | 344  |
| 24329 | 26/08/07 | 50290-4-2_2006 Cable Guide.pdf                  | 225  |
| 24330 | 08/02/09 | Alien Crosstalk Measurements.pdf                | 188  |
| 24331 | 08/02/16 | Analysing disturbed ethernet data streams.pdf   | 145  |
| 24332 | 25/08/07 | Bandwidth For 10GBASE-T.pdf                     | 192  |
| 24333 | 23/12/02 | Behavioral Model of Transmission Line.pdf       | 114  |
| 24334 | 10/03/16 | BroadR-Reach Technology.pdf                     | 741  |
| 24335 | 08/02/09 | Category 5 or Better Cabling.pdf                | 142  |
| 24336 | 08/02/09 | Category 7 Definition.pdf                       | 493  |
| 24337 | 26/06/12 | Comparison RapidIO and 10Gigabit Ethernet.pdf   | 299  |
| 24338 | 25/07/12 | Embedded Ethernet Physical Layer.pdf            | 2780 |
| 24339 | 21/11/14 | Emerging IEEE 100 Gbps Ethernet Standards.pdf   | 757  |
| 24340 | 07/02/09 | EMP & the Radio Amateur.pdf                     | 1922 |
| 24341 | 08/03/09 | Ethernet Cable Specifications.pdf               | 222  |
| 24342 | 09/07/08 | Ethernet Cables & Connectors.pdf                | 1043 |
| 24343 | 30/06/07 | Ethernet et bus de terrain.pdf                  | 603  |
| 24344 | 26/08/07 | Ethernet Media in Noisy Environment.pdf         | 345  |
| 24345 | 13/05/08 | Ethernet-IP & Industrial Connectivity.pdf       | 320  |
| 24346 | 03/10/07 | EtherNet-IP Manual.pdf                          | 1367 |
| 24347 | 14/10/09 | Gigabit Ethernet & Spectrum Category 5.pdf      | 158  |
| 24348 | 01/02/10 | IAONA Industria Ethernet Installation Guide.pdf | 759  |
| 24349 | 31/12/02 | IEEE 802.3 10GBASE-T.pdf                        | 47   |
| 24350 | 24/07/15 | IEEE 802.3 Ethernet standards.pdf               | 200  |
| 24351 | 08/02/09 | Industrial Ethernet Components.pdf              | 1044 |
| 24352 | 26/08/07 | Industrial Ethernet Standards.pdf               | 124  |
| 24353 | 05/01/03 | Installed Cabling.pdf                           | 93   |
| 24354 | 08/02/09 | Line Code Options for 10GBASE-T.pdf             | 98   |
| 24355 | 29/11/07 | Noise tolerance of 1000Base-T.pdf               | 614  |
| 24356 | 14/10/09 | Normes et conventions Ethernet.pdf              | 652  |
| 24357 | 26/06/12 | OpenVPX System Bandwidth.pdf                    | 306  |



|       |  |   |      |
|-------|--|---|------|
| 24358 | 25/08/07   | Options for 10GBASE-T.pdf                             | 99   |
| 24359 | 25/08/07   | PAM10 IEEE 802.3 10GBASE-T.pdf.pdf                    | 102  |
| 24360 | 08/02/09   | Performance Results For PAM10.pdf                     | 51   |
| 24361 | 14/12/09   | Pertes des cables Ethernet.pdf                        | 812  |
| 24362 | 08/01/09   | Pr11801 Customer Premises.pdf                         | 1747 |
| 24363 | 25/08/07   | Pr50173-3_2007 Industrial Premises.pdf                | 230  |
| 24364 | 09/07/08   | Pr50173-5_2006 Data Centres.pdf                       | 191  |
| 24365 | 17/10/14   | Software & Susceptibility of Ethernet Connections.pdf | 258  |
| 24366 | 04/03/14   | Tyco 10GEthernet IEEE 802-3an.pdf                     | 709  |
| 24367 | 31/12/02   | UTP Category 3-6.pdf                                  | 47   |
| 24368 | 10/06/11   | Whitepaper UTP - STP Study.pdf                        | 1506 |
| 24369 | <b>Transmissions filaires\LVDS</b>                             |   |      |
| 24370 | 19/07/12   | Interface Circuits for LVDS.pdf                       | 171  |
| 24371 | 22/03/09   | Low-Voltage Differential Signaling.pdf                | 129  |
| 24372 | 09/05/05   | LVDS AN.pdf   | 1381 |
| 24373 | 19/07/12   | LVDS Owner's Manual - 3rd Edition.pdf                 | 586  |
| 24374 | 19/07/12   | SerDes LVDS.pdf                                       | 910  |
| 24375 | <b>Transmissions filaires\Mesures filaires</b>                 |   |      |
| 24376 | 21/11/14   | Analysis of Non-Linear Effects in Serial Links.pdf    | 828  |
| 24377 | 02/01/14   | Mixed Analog and Digital Signal Debug.pdf             | 696  |
| 24378 | <b>Transmissions filaires\Normes de transmissions filaires</b> |   |      |
| 24379 | 13/04/11   | ANSI-TIA-EIA-568-B.2-1_2002 Ethernet.pdf              | 1049 |
| 24380 | 30/06/07   | ASSC Digital Interface Standard.pdf                   | 931  |
| 24381 | 26/04/04   | BBC074-ATM Network.pdf                                | 158  |
| 24382 | 04/01/11   | Cat6A_TIA contre Cat6a_ISO IEC.pdf                    | 95   |
| 24383 | 19/04/09   | Digital Audio over 1394.pdf                           | 86   |
| 24384 | 03/01/11   | EMC Measurement on LAN Systems.pdf                    | 571  |
| 24385 | 02/12/07   | Field Bus Standards Update.pdf                        | 147  |
| 24386 | 05/06/14   | I2C Bus Spec V2.1_00.pdf                              | 310  |
| 24387 | 19/04/09   | IEC 61883 Streaming Standards.pdf                     | 176  |
| 24388 | 13/04/11   | Introduction to M-LVDS.pdf                            | 127  |
| 24389 | 13/04/11   | LVDS.pdf  | 137  |
| 24390 | 16/05/03   | Modulation_modems.pdf                                 | 69   |
| 24391 | 04/01/11   | Normalisation des systèmes de câblage.pdf             | 64   |
| 24392 | 04/01/11   | NORME ISO 11801 - STANDARD EIA-TIA568.pdf             | 22   |

|       |   |   |      |
|-------|---|---|------|
| 24393 | 30/06/07  | Numerical Modulation.pdf                                | 1120 |
| 24394 | 04/01/11  | Pr ANSI-TIA-EIA-568-B.2.pdf                             | 2542 |
| 24395 | 14/01/08  | RFI & WLAN ? WWAN Performance.pdf                       | 405  |
| 24396 | 10/07/13  | SAE Mil-1394 Overview.pdf                               | 1658 |
| 24397 | 17/12/08  | Signaling System 7.pdf                                  | 140  |
| 24398 | 13/04/11  | TI LVDS.pdf   | 2231 |
| 24399 | 14/04/11  | TIA-EIA-466-A_01 LVDS Interface Circuits.pdf            | 911  |
| 24400 | 04/01/11  | TIA-EIA-568-B.1_01 General.pdf                          | 388  |
| 24401 | 04/01/11  | TIA-EIA-568-B.2_01 Balanced T-Pair.pdf                  | 859  |
| 24402 | 07/12/13  | Transmission des signaux électriques sur les lignes.pdf | 883  |
| 24403 | 21/03/09  | Unbalanced NRZ and Biphase Signals.pdf                  | 167  |
| 24404 | <b>Transmissions filaires\PCI Express</b>                         |   |      |
| 24405 | 28/05/15  | PCI Express Overview.pdf                                | 385  |
| 24406 | <b>Transmissions filaires\RS422-485 &amp; réseaux industriels</b> |   |      |
| 24407 | 22/02/13  | AN763 TIA-EIA-485 Guidelines.pdf                        | 218  |
| 24408 | 17/07/07  | faq_rs485_connections.pdf                               | 49   |
| 24409 | 22/02/13  | Introduction to serial communication.pdf                | 148  |
| 24410 | 19/07/12  | Les communications série.pdf                            | 498  |
| 24411 | 06/04/14  | MAX1480E-90E RS-485 Data Interfaces.pdf                 | 367  |
| 24412 | 04/06/11  | RS-422 & RS-485 Standards Overview.pdf                  | 264  |
| 24413 | 21/03/09  | RS485 B&B electronics.pdf                               | 1046 |
| 24414 | 29/08/06  | RS485_Cheat_Sheet.pdf                                   | 29   |
| 24415 | 29/08/06  | RS485_Trouble_Shooting.pdf                              | 62   |
| 24416 | 17/06/14  | TI Industrial Communication Guide.pdf                   | 508  |
| 24417 | <b>Transmissions filaires\Transmission conduite wireless</b>      |   |      |
| 24418 | 24/11/13  | Wireless Power Transmission for Oil Well.pdf            | 271  |
| 24419 | <b>Transmissions filaires\USB - Firewire - Thunderbolt</b>        |   |      |
| 24420 | 04/03/14  | Cable Assembly for USB SuperSpeed.pdf                   | 968  |
| 24421 | 23/11/13  | Characterizing USB 3.0 RFI.pdf                          | 476  |
| 24422 | 11/02/13  | DEWE-50-USB2-8 Technical manual.pdf                     | 1031 |
| 24423 | 23/08/05  | FireWire.pdf  | 429  |
| 24424 | 28/12/12  | Fundamentals of Firewire (IEEE 1394).pdf                | 195  |
| 24425 | 16/04/15  | Gbps USB- RFI Risk Analysis.pdf                         | 436  |
| 24426 | 11/02/13  | High-speed USB On-The-Go ULPI.pdf                       | 640  |
| 24427 | 30/06/07  | IEEE 1355 Standard.pdf                                  | 717  |

|       |   |  |      |
|-------|---|--|------|
| 24428 | 28/12/12  | IEEE 1394 - 6 PIN INTERNAL.pdf                                 | 109  |
| 24429 | 28/12/12  | IEEE 1394 Comparison.pdf                                       | 142  |
| 24430 | 28/12/12  | IEEE 1394 Hardware.pdf   | 105  |
| 24431 | 28/12/12  | IEEE 1394 Standards and Specs.pdf                              | 188  |
| 24432 | 11/02/13  | Intel High Speed USB Design Guidelines.pdf                     | 305  |
| 24433 | 24/11/13  | RFI due to USB3 Connector Radiation.pdf                        | 483  |
| 24434 | 04/03/14  | Technical Introduction to USB 2-0.pdf                          | 153  |
| 24435 | 05/03/14  | USB - Caractéristiques physiques.pdf                           | 76   |
| 24436 | 05/03/14  | USB - Couches ISO.pdf  | 170  |
| 24437 | 24/11/13  | USB 3.0 RFI on 2.4 GHz Wireless Devices.pdf                    | 481  |
| 24438 | 04/03/14  | USB 3-0 Jitter Budgeting.pdf                                   | 216  |
| 24439 | 04/03/14  | USB 3-0 SuperSpeed Equalizer Design.pdf                        | 711  |
| 24440 | 04/03/14  | USB 3-1 Reference Channel Models.pdf                           | 1060 |
| 24441 | 04/03/14  | USB Bandwidth Analysis.pdf                                     | 62   |
| 24442 | 23/08/07  | USB en bref.pdf  | 480  |
| 24443 | 11/02/13  | USB Hardware Design Guidelines for FTDI ICs.pdf                | 373  |
| 24444 | 05/03/14  | USB Physical Interface Devices.pdf                             | 131  |
| 24445 | 16/04/15  | USB3.0 RFI Impact on 2.4GHz Wireless Devices.pdf               | 846  |
| 24446 | 14/04/15  | USB3.1 Silicon and Channel Design.pdf                          | 1671 |
| 24447 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 2.0 spec</b> |  |      |
| 24448 | 11/10/11  | 2002_05_28_errata.pdf  | 176  |
| 24449 | 11/10/11  | 5V Short Circuit Withstand ECN.pdf                             | 26   |
| 24450 | 11/10/11  | Device Capacitance ECN.pdf                                     | 14   |
| 24451 | 11/10/11  | ECN for Core Spec TEST_MODE selector values.pdf                | 23   |
| 24452 | 11/10/11  | errata-092800-1207001.pdf                                      | 138  |
| 24453 | 11/10/11  | High Speed Inter-Chip_1_0 final.pdf                            | 158  |
| 24454 | 21/05/12  | HSIC_ECN_21May2012.pdf   | 89   |
| 24455 | 11/10/11  | Inter-Chip USB Supplement to the USB 2.0 Specification_1.0.pdf | 354  |
| 24456 | 11/10/11  | InterfaceAssociationDescriptor_ecn.pdf                         | 142  |
| 24457 | 11/10/11  | resistor_ecn.pdf   | 135  |
| 24458 | 11/10/11  | rnd_chmfr_ECNFINAL.pdf   | 62   |
| 24459 | 11/10/11  | Suspend Current ECN.pdf  | 71   |
| 24460 | 11/10/11  | UnicodeECN.pdf   | 86   |
| 24461 | 11/10/11  | USB 2 0 Material Change ECN.pdf                                | 16   |
| 24462 | 11/10/11  | USB 2.0 Connect Timing ECN.pdf                                 | 91   |

|       |  |   |      |
|-------|--|---|------|
| 24463 | 11/10/11   | USB 2.0 Phase-Locked SOFs ECN.pdf   | 14   |
| 24464 | 11/10/11   | USB 2_0 Adopters Agreement_final_021411.pdf                                 | 27   |
| 24465 | 11/02/13   | USB 20 Specification.pdf  | 3340 |
| 24466 | 10/07/12   | USB PD - USB 2.0 Amendment 20120709.pdf                                     | 69   |
| 24467 | 11/02/13   | USB Power Delivery Specification_2012.pdf                                   | 4695 |
| 24468 | 11/02/13   | USB20 mini-B_revD_2000.pdf  | 559  |
| 24469 | 11/10/11   | USB2-LPM-Errata-final.pdf   | 506  |
| 24470 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 2.0 spec\Micro-USB_final</b>                          |   |      |
| 24471 | 11/02/13   | Clarification on the Chamfer on USB 2 0 Micro Connectors ECN.pdf            | 140  |
| 24472 | 11/10/11   | Maximum Unmating Force Value Definition to USB 2 0 Micro Connectors ECN.pdf | 62   |
| 24473 | 11/10/11   | Micro-USB Cables and Connectors ADOPTERS AGREEMENT - Device Class Spec.pdf  | 27   |
| 24474 | 11/02/13   | Micro-USB Cables R1-01_2007.pdf   | 1103 |
| 24475 | 11/10/11   | Micro-USB ECN for Cable R3.pdf  | 40   |
| 24476 | 11/10/11   | MicroUSB ECN.pdf  | 45   |
| 24477 | 11/02/13   | XV-4687C ECN Proposal for Micro USB.pdf                                     | 409  |
| 24478 | 11/02/13   | XV-4687C_Supplement Quad cable R1.pdf                                       | 203  |
| 24479 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 2.0 spec\USB OTG and Embedded Host</b>                |   |      |
| 24480 | 11/02/13   | Embedded Host Supplement USB20 V1.pdf                                       | 659  |
| 24481 | 11/10/11   | USB OTG v2.0_Amendment final_052609.pdf                                     | 13   |
| 24482 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 2.0 spec\USB OTG and Embedded Host\Change History</b> |   |      |
| 24483 | 11/10/11   | ECN for OTG and EH Testability.pdf  | 40   |
| 24484 | 11/10/11   | OTGEH Errata 2011-07-14 - final.pdf   | 482  |
| 24485 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 3.0 spec</b>  |   |      |
| 24486 | 11/02/13   | Embedded Host Supplement 3.0_2012.pdf                                       | 405  |
| 24487 | 11/02/13   | SuperSpeed Inter-Chip Supplement_2012.pdf                                   | 424  |
| 24488 | 04/03/14   | SuperSpeed_Inter-Chip_Supplement_release_1_01__11Feb2013.pdf                | 519  |
| 24489 | 29/09/11   | USB 3_0 Adopters Agreement Final_020411.pdf                                 | 29   |
| 24490 | 04/03/14   | USB Power delivery V1.2_Final_13.pdf  | 5384 |
| 24491 | 11/02/13   | USB Power Delivery V1-0+Errata_2012.pdf                                     | 4695 |
| 24492 | 01/06/12   | USB_OTG_and_EH_3-0_release_1_1_10May2012.pdf                                | 606  |
| 24493 | 29/09/11   | USB3_r1.0_06_06_2011.pdf  | 4021 |
| 24494 | 11/02/13   | USB30 Spec_2011.pdf   | 3105 |
| 24495 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 3.0 spec\ECN &amp; Errata</b>                         |   |      |
| 24496 | 29/09/11   | ECN 001 (LDN120508).pdf   | 37   |
| 24497 | 29/09/11   | ECN 002_CabCon-1_.pdf   | 122  |

|       |  |   |       |
|-------|--|---|-------|
| 24498 | 04/03/14   | ECN 003 (Reset Propagation) Figure.pdf                      | 40    |
| 24499 | 29/09/11   | ECN 003 (Reset Propagation).pdf                             | 25    |
| 24500 | 29/09/11   | ECN 004 USB3 Micro Chamfer.pdf                              | 98    |
| 24501 | 29/09/11   | ECN 005_MicroUSB30_Unmating_V1 .pdf                         | 77    |
| 24502 | 29/09/11   | ECN 006 USB 3 (State Machines).pdf                          | 68    |
| 24503 | 29/09/11   | ECN 007 USB 3 (Efficient ISO and PINGs).pdf                 | 173   |
| 24504 | 29/09/11   | ECN 008 USB 3 (Contact Plating Thickness).pdf               | 55    |
| 24505 | 29/09/11   | ECN 009 USB 3 (Standard-B Connector Near End Crosstalk).pdf | 26    |
| 24506 | 29/09/11   | ECN 010 DSPORT State Machine.pdf                            | 208   |
| 24507 | 29/09/11   | ECN 011 USB3 Peripheral USPort.pdf                          | 73    |
| 24508 | 05/03/14   | ECN 012 USB3.0 Reference Equalizer.pdf                      | 184   |
| 24509 | 24/02/12   | ECN 013 USB3.0 Standard A receptacle.pdf                    | 43    |
| 24510 | 24/02/12   | ECN 014 USB3.0 Standard A Contact Height.pdf                | 115   |
| 24511 | 14/08/12   | ECN 015 USB3.0 Spread Spreadtrum Clock Range.pdf            | 103   |
| 24512 | 14/08/12   | ECN 016 USB3.0 Connector Crosstalk.pdf                      | 49    |
| 24513 | 20/12/12   | ECN 017 USB3.0 MicroAB Connector.pdf                        | 42    |
| 24514 | 18/02/13   | ECN 018 USB3.0 Radio Friendly Clock Unit.pdf                | 196   |
| 24515 | 05/03/14   | ECN 019 USB.0 MicroB Cable Loss Specification.pdf           | 183   |
| 24516 | 03/04/13   | ECN 020 USB3 0 Rx Detect Idle Time.pdf                      | 189   |
| 24517 | 29/09/11   | LTSSM Timeout Naming Errata.pdf                             | 172   |
| 24518 | 05/03/14   | Q1-09 USB3_Errata.pdf                                       | 253   |
| 24519 | 05/03/14   | USB3_Errata [June 2010].pdf                                 | 344   |
| 24520 | 29/09/11   | USB3_Errata [June 2011].pdf                                 | 185   |
| 24521 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 3.1 spec</b>                    |   |       |
| 24522 | 05/03/14   | SuperSpeed Inter-Chip Supplement_release_13.pdf             | 478   |
| 24523 | 31/07/13   | USB 3.1 Specification Welcome Message.pdf                   | 99    |
| 24524 | 29/09/11   | USB 3_0 Adopters Agreement Final_020411.pdf                 | 29    |
| 24525 | 05/03/14   | USB 3-1 Specification_13.pdf                                | 11529 |
| 24526 | 05/03/14   | USB On-The-Go & Embedded Host 3-0_12.pdf                    | 405   |
| 24527 | <b>Transmissions filaires\USB - Firewire - Thunderbolt\USB 3.1 spec\USB Power Delivery</b> |   |       |
| 24528 | 05/03/14   | ECN 001 Power Delivery Port Role bit.pdf                    | 59    |
| 24529 | 23/01/14   | ECN 004 PHY clarification.pdf                               | 16    |
| 24530 | 05/03/14   | ECN 006 Revision Number Behavior.pdf                        | 53    |
| 24531 | 23/01/14   | ECN 007 PHY Spectral Mask Relaxation.pdf                    | 19    |
| 24532 | 04/03/14   | USB Power delivery Final_13.pdf                             | 5384  |

24533

24534

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|----------------------------|--|--|
| <b>Validation de codes</b> |  |  |
|----------------------------|--|--|

24535

|       |          |   |      |
|-------|----------|---|------|
| 24536 | 08/09/05 | (IELF) method for CEM validation.pdf                            | 355  |
| 24537 | 26/10/08 | 2D Feature Selective Validation Method.pdf                      | 322  |
| 24538 | 08/09/05 | 2D Feature Selective Validation.pdf                             | 249  |
| 24539 | 04/12/04 | A compensation technique.pdf                                    | 251  |
| 24540 | 03/09/07 | Accuracy of FDTD.pdf  | 224  |
| 24541 | 14/11/04 | Accurate EMC Simulation Validation.pdf                          | 80   |
| 24542 | 22/02/11 | Applying Feature Selective Validation (FSV).pdf                 | 131  |
| 24543 | 14/08/14 | Challenges in Validation, Verification and Calibration.pdf      | 444  |
| 24544 | 10/09/05 | Circuit Extraction Procedure.pdf                                | 318  |
| 24545 | 08/09/05 | Comparing FSV & Human Responses.pdf                             | 113  |
| 24546 | 14/10/14 | Comparison between the FSV and the FS-NMI index.pdf             | 554  |
| 24547 | 04/03/13 | Comparison of Stochastic Methods.pdf                            | 189  |
| 24548 | 18/12/04 | Complex-Valued Simulations.pdf                                  | 168  |
| 24549 | 15/12/04 | Computational Benchmarking.pdf                                  | 1133 |
| 24550 | 19/11/13 | Confidence Histograms and Classification in Float FSV.pdf       | 660  |
| 24551 | 19/11/13 | Confidence Histograms and Classification in Fuzzy FSV.pdf       | 1237 |
| 24552 | 25/02/04 | Correlation simulations.pdf                                     | 97   |
| 24553 | 15/08/14 | Downsampled and Undersampled Datasets in FSV.pdf                | 683  |
| 24554 | 05/12/04 | E3 Software Verification.pdf                                    | 103  |
| 24555 | 29/09/13 | Evaluation Method of Proficiency Test.pdf                       | 334  |
| 24556 | 14/08/14 | Feature Selective Validation (FSV) Method.pdf                   | 629  |
| 24557 | 08/09/05 | Feature Selective Validation (FSV).pdf                          | 127  |
| 24558 | 20/08/09 | Feature Selective Validation Technique 1.pdf                    | 189  |
| 24559 | 20/08/09 | Feature Selective Validation Technique 2.pdf                    | 137  |
| 24560 | 26/05/08 | Feature-Selective Validation Method.pdf                         | 145  |
| 24561 | 04/02/15 | FSV as a Means of Formal Validation of Electromagnetic Data.pdf | 107  |
| 24562 | 27/03/15 | FSV Developments and difficulties.pdf                           | 646  |
| 24563 | 23/12/15 | FSV for SE of Slotted Enclosures.pdf                            | 1427 |
| 24564 | 14/08/14 | FSV Method to Pattern Recognition.pdf                           | 451  |
| 24565 | 07/10/12 | FSV versus Human Subjective Data Evaluation.pdf                 | 424  |
| 24566 | 19/06/15 | FSV-Based Comparison of Multiple Datasets.pdf                   | 268  |
| 24567 | 08/10/08 | Full-Wave F-Domain Modeling.pdf                                 | 182  |

|       |          |  |      |
|-------|----------|--|------|
| 24568 | 03/09/07 | Grid Representation of Metal Surfaces.pdf                  | 503  |
| 24569 | 12/01/08 | High-Speed PCB Modeling.pdf                                | 423  |
| 24570 | 13/08/10 | IEEE P1597.2 Validation of EMC Codes.pdf                   | 1415 |
| 24571 | 13/12/06 | Importance of Proper Model Validation.pdf                  | 1877 |
| 24572 | 03/09/07 | Interpretation of the Equal Area Rule.pdf                  | 197  |
| 24573 | 26/08/08 | Loaded Enclosures With Apertures.pdf                       | 178  |
| 24574 | 22/02/11 | Measured & Computed Fields of a Heatsink.pdf               | 282  |
| 24575 | 15/08/14 | Method of Manufactured Solutions.pdf                       | 401  |
| 24576 | 20/10/15 | Minimum Acceptable Mesh Refinement for EMC Simulations.pdf | 184  |
| 24577 | 14/11/04 | Modeling and Code Validation.pdf                           | 78   |
| 24578 | 31/12/06 | Model-to-Hardware Correlation.pdf                          | 184  |
| 24579 | 28/02/04 | MOM comparison.pdf   | 927  |
| 24580 | 22/02/11 | Multidimensional Feature Selective Validation.pdf          | 124  |
| 24581 | 24/02/11 | Multidimensional Selective Validation.pdf                  | 51   |
| 24582 | 07/10/12 | Near to Far-Field Transformation Robustness.pdf            | 779  |
| 24583 | 07/10/12 | Next Generation FSV Standards.pdf                          | 264  |
| 24584 | 30/08/07 | NWCS-FDTD versus ADI-FDTD.pdf                              | 185  |
| 24585 | 15/08/14 | Opportunities of the Feature Selective Validation.pdf      | 349  |
| 24586 | 03/02/15 | Overview and Update on IEEE Std 1597.1.pdf                 | 314  |
| 24587 | 27/10/08 | Proper Model Validation in EMI-EMC.pdf                     | 134  |
| 24588 | 12/01/08 | Proper Model Validation.pdf                                | 1039 |
| 24589 | 22/02/11 | Quantifying the Quality of Agreement.pdf                   | 256  |
| 24590 | 14/11/04 | Quantifying Validation Progress.pdf                        | 165  |
| 24591 | 18/12/04 | Quasi- Static & Full-Wave.pdf                              | 298  |
| 24592 | 27/03/15 | Review of IEEE Std 1597.1.pdf                              | 265  |
| 24593 | 24/09/13 | Selective Normalized Mutual Information Index.pdf          | 286  |
| 24594 | 28/02/11 | Simplification Process to a Useful Model.pdf               | 500  |
| 24595 | 25/02/04 | Simulation hidden errors.pdf                               | 289  |
| 24596 | 28/02/04 | Simulation vs measurements.pdf                             | 367  |
| 24597 | 20/02/02 | Solver transient accuracy.pdf                              | 94   |
| 24598 | 21/12/04 | Source & Validation Models.pdf                             | 100  |
| 24599 | 21/12/04 | Standards & Recommended Practices.pdf                      | 87   |
| 24600 | 25/02/04 | Time-F transformations.pdf                                 | 35   |
| 24601 | 07/02/11 | Transient FDTD Simulation Validation .pdf                  | 426  |
| 24602 | 30/03/10 | Uncertainty Analyses in FDTD Method.pdf                    | 199  |

|       |          |   |      |
|-------|----------|---|------|
| 24603 | 14/10/14 | Uncertainty Propagation through the FSV Method.pdf      | 443  |
| 24604 | 21/08/15 | Uncertainty Quantification Using ASGC & DGTD Method.pdf | 435  |
| 24605 | 07/10/12 | Use of Probability Density Functions.pdf                | 222  |
| 24606 | 27/03/15 | Using Feature Selective Validation Technique.pdf        | 148  |
| 24607 | 07/10/12 | Using FSV in High-Speed Channel.pdf                     | 539  |
| 24608 | 07/10/12 | Using FSV with Far-Field Patterns.pdf                   | 421  |
| 24609 | 11/12/06 | Validating Computational EM Techniques.pdf              | 412  |
| 24610 | 08/09/05 | Validating EM Modeling Techniques.pdf                   | 128  |
| 24611 | 21/12/04 | Validating EMC Antennas Codes.pdf                       | 289  |
| 24612 | 21/12/04 | Validating Full wave Simulations.pdf                    | 60   |
| 24613 | 22/02/11 | Validating the FSV Method Using a RC.pdf                | 165  |
| 24614 | 11/10/13 | Validation for All Levels of Modeling.pdf               | 549  |
| 24615 | 26/08/09 | Validation for All Modeling Problems.pdf                | 405  |
| 24616 | 15/08/14 | Validation of Commercial EM Field Solver Package.pdf    | 542  |
| 24617 | 12/01/08 | Validation of Computational Modeling.pdf                | 57   |
| 24618 | 21/12/04 | Validation of EM Modelling.pdf                          | 114  |
| 24619 | 02/09/07 | Validation of Modal-MoM in SE.pdf                       | 166  |
| 24620 | 14/11/04 | Validation of MoM Simulation.pdf                        | 1144 |
| 24621 | 24/11/13 | Validation of the Dipole-Moment Model for RE.pdf        | 1954 |
| 24622 | 22/01/07 | Validation of time domain codes.pdf                     | 224  |