

Lista lucrărilor științifice publicate de către Ciprian Ovidiu Miron DUGHIR

I. Lucrări reprezentative

1. C. Dughir, V. Groza, A. Vârtosu, G. Proștean, Quality Monitoring of Electrical Power Distribution Network Using a Low-power Microcontroller, Electrical Power & Energy Conference, Montreal, 2009, pp 1-4, ISBN 978-142444508-0
2. C. Dughir, Electrical power network disturbance detection and monitoring system, ISETc 2010, 9th International Symposium on Electronics and Telecommunications, IEEE Explore, 2010, pp 1-4, ISBN 978-1-4244-8457-7
3. D. Belega, C. Dughir, "Acquisition signals from electromagnetic field-meters using digital multimeters with event logging mode", in XIX IMEKO World Congress, Fundamental and Applied Metrology, Lisbon, Portugal, 2009, ISBN 978-963-884190-0-1
4. M. Paulescu, C. Dughir, E. Tulcan-Paulescu, M. Lascu, P. Gravila, T. Jurca, Solar Radiation Modeling and Measurements in Timisoara, Romania: Data and Model Quality, Environmental Engineering and Management Journal, 2010, pp 1089-1095, ISSN: 15829596
5. C. Dughir, G. Găspăresc, "Preconditioning Circuit for Electrical Power System Disturbances Measurement", ETc, pp., 2006.
6. C. Dughir, "Detecting Symmetrical Disturbances in the Electrical Power Systems", Doctor ETc, pp. 26-30, 2004.
7. C. Dughir, G. Găspăresc, "Three Channels Analysis System for Electrical Power System Disturbances Measurement", Buletinul Științific al Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, 2006.
8. C. Dughir, A. Ignea, G. Găspăresc, A. Vârtosu, "Nonlinear voltage divider", 15th IMEKO TC4 International Symposium 2007, Iași, ISBN 978-973-667-260-6, p. 443-448
9. A. Ignea, C. Dughir, G. Găspăresc, "Calibration Method For Nonlinear Voltage Divider Used as a Preconditioning Circuit in the Electrical Power Network Disturbances Monitoring System", Sicem, 2006.
10. C. Dughir, "Visual C++ Complex Mathematical Signal Generator", Proceedings of the IMEKO Conference, Florence, Italy, 2008, pp. 635-638, ISBN 978-88-903149-3-3

II. Teza de doctorat

Ciprian Dughir, *Contribuții la monitorizarea calității energiei electrice*, Editura Politehnica, Timisoara, 2010

III. Lista completă a lucrărilor științifice

1. E. Nica, D. Stoiciu, P. Brad, C. Dughir, "Sistem de achiziție și prelucrare de date pentru studiul unei acționări cu motor asincron", in „Energetica” Oradea 1999.
2. "Tehnici moderne de interconectare în electronica", simpozion studentesc ETc, 1999
3. E. Nica, D. Stoiciu, P. Brad, C. Dughir, "Modeling and simulation study of induction motors in unstable states", in IASTED Pittsburgh, USA, 2000, pp. p. 129-135.
4. E. Nica, D. Stoiciu, P. Brad, C. Dughir, "Computational procedure to analyze the parameters change on rotor speed estimation of the induction motor", in Proceedings of the International Conference on Electrical Machines, Espoo, Finland, pp. 208-212, 2000

5. A. Ignea, C. Dughir, Self- Reciprocity Antenna Calibration, Proceedings of the Symposium on Electronics and Telecommunications „Etc.2002”, Timisoara, Oct., 2002, Vol. II
6. D. Stoiciu, C. Dughir, “A web-based teaching tool for laboratory classes”, Buletinul științific al Universității “Politehnica” din Timișoara, octombrie 2004, Timișoara, Tom 49(63), Fascicola 2, 2004, ISSN 1583-3380
7. C. Dughir, "Detecting Symmetrical Disturbances in the Electrical Power Systems", Doctor ETc, pp. 26-30, 2004.
8. C. Dughir, T. Jurca, "Detectarea apariției perturbațiilor în rețeaua de distribuție a energiei electrice", in Energetica, 2004.
9. C. Dughir, G. Gășpăresc, "Preconditioning Circuit for Electrical Power System Disturbances Measurement", ETc, pp., 2006.
10. C. Dughir, G. Gășpăresc, "Three Channels Analysis System for Electrical Power System Disturbances Measurement", Buletinul Științific al Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, 2006.
11. G. Gășpăresc, C. Dughir, "Electromagnetic Disturbances Generator with Graphical User Interface Bild in MATLAB", Buletinul Științific al Institutului Politehnic Iași, Tomul LII (LVI), Fasc. 5, 2006.
12. G. Gășpăresc, C. Dughir, A. Ignea, "Studierea Perturbațiilor Electromagnetice Folosind un Generator de Perturbații cu GUI", Sicem, 2006.
13. A. Ignea, C. Dughir, G. Gășpăresc, "Calibration Method For Nonlinear Voltage Divider Used as a Preconditioning Circuit in the Electrical Power Network Disturbances Monitoring System", Sicem, 2006.
14. C. Dughir, G. Gășpăresc, L. Stoica, Remote Surveillance System Using Smartcat BL2100 Single Board Computer, Lucrările științifice ale simpozionului internațional multidisciplinar “Universitaria Simpro” 2006, Editura Universitas, Petroșani, 13-14 octombrie 2006, ISSN 1842-4449, p. 114-118
15. G. Gășpăresc, C. Dughir, L. Stoica, "Signal Generator for Usual Waveforms and Electromagnetic Disturbances with Graphical User Interface ", Lucrările științifice ale simpozionului internațional multidisciplinar “Universitaria Simpro” 2006, Editura Universitas, Petroșani, 13-14 octombrie 2006, ISSN 1842-4449, p. 118-122.
16. C. Dughir, A. Ignea, G. Gășpăresc, A. Vârtosu, "Nonlinear voltage divider 15th IMEKO TC4 International Symposium 2007”, Iași, ISBN 978-973-667-260-6, p. 443-448
17. G. Gășpăresc, C. Dughir, Algorithm for signal reconstruction after dynamic compression in a power quality monitoring system, Lucrările științifice ale conferinței internaționale “15th IMEKO TC4 International Symposium 2007”, Iași, ISBN 978-973-667-260-6, p. 439-442;
18. Mățiu-Iovan Liliana, Dughir Ciprian, Decreasing the Side Errors by Extending the Coefficients String in the B-Spline Interpolation IXth International Symposium “Young people and Multidisciplinary research”, Timișoara, 2007
19. Mățiu-Iovan Liliana, Dughir Ciprian, Gășpăresc Gabriel, The First Derivative Algorithm for Calculating the B-Spline Coefficients Applied on Discontinuous Signals, Proceedings of the First International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, Lozenec, Bulgaria, 2007
20. C. Dughir, Data Acquisition System for RF Disturbances Measurement, Doctor ETc 2007, Timișoara, 2007
21. C. Dughir, "Visual C++ Complex Mathematical Signal Generator", Proceedings of the IMEKO Conference, Florence, Italy, 2008, pag. 635-638, ISBN 978-88-903149-3-3.
22. D. Belega, C. Dughir, A. Ignea, "A system for electric field measurement", 2nd IMEKO TC19 Conference on Environmental Measurements, Budapest, Hungary, 2008
23. A. Vârtosu, C. Dughir, The Electric Properties for Biological Structures in the case of Mobile Telephony, Annals of the University of Craiova, 2008

24. D. Belega, C. Dughir, "Acquisition signals from electromagnetic field-meters using digital multimeters with event logging mode", in XIX IMEKO World Congress, Fundamental and Applied Metrology, Lisbon, Portugal, 2009, ISBN 978-963-884190-0-1
25. C. Dughir, V. Groza, A. Vârtosu, G. Proștean, Quality Monitoring of Electrical Power Distribution Network Using a Low-power Microcontroller, Electrical Power & Energy Conference, Montreal, 2009, pp 1-4, ISBN 978-142444508-0
26. T. Jurca, M. Paulescu, A. De Sabata, I. Luminosu, C. Dughir, M. Lascu, E. Paulescu, C. De Sabata, Recent measurements on solar radiation in Timisoara, Romania, Unconventional Energies in the Carpathian and Danubian Area, Arad, Romania, 27-28 November 2009, "Technical and Economical Ecology Issues and the Medical and Social Aspects"
27. M. Paulescu, C. Dughir, E. Tulcan-Paulescu, M. Lascu, P. Gravila, T. Jurca, Solar Radiation Modeling and Measurements in Timisoara, Romania: Data and Model Quality, Environmental Engineering and Management Journal, 2010, pp 1089-1095, ISSN: 15829596
28. C. Dughir, Electrical power network disturbance detection and monitoring system, ISETc 2010, 9th International Symposium on Electronics and Telecommunications, IEEE Explore, 2010, pp 1-4, ISBN 978-1-4244-8457-7
29. Traian Jurca, Eugenia Tulcan-Paulescu, Ciprian Dughir, Mihaela Lascu, Paul Gravila, Aldo De Sabata, Ioan Luminosu, Coleta De Sabata, Marius Paulescu, Global Solar Irradiation Modeling and Measurements in Timisoara, Physics Conference TIM-10, Timisoara, 25-27 noiembrie 2010, Abstract Book of the Physics Conference TIM-10, pag. 137, ISBN 978-973-125-323-7

20.07.2011

Ciprian Ovidiu Miron Dughir