

### C 1.2. Papers in journals indexed in international databases

No.	Title	Authors	2009	Database	Vol(issue)	Pages	Year
1	A FPGA Implementation of a Phase Locked Loop for DC Motor Control	ALECSA B., ONEA A.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2200	ZENTRALBLATT MATH	FASC 1	9-22	2009
2	Low-Power Embedded Device Used in Healthcare Systems	BOTEZATU N.A., STAN A.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2202	ZENTRALBLATT MATH	FASC 1	37 - 50	2009
3	OSEK Based Embedded Control System Using Schedule Feasibility Selftesting	Brăescu C., Ferariu L.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2206	ZENTRALBLATT MATH	FASC 2	29 - 38	2009
4	Application of Neuro-Predictive Approach for Disturbance Rejection in a Steam Drum Boiler	Budaciu C.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2215	ZENTRALBLATT MATH	FASC 4	9-20	2009
5	Object Recognition in Video Sequences Using Interest Point Detection	Carata L., Manta V.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2219	ZENTRALBLATT MATH	FASC 4	71 - 85	2009
6	Modelling of An Electromagnetic Valve Actuator	Căruntu C.F., Matcovski M.H., Bălau A.E., Pătrașcu D.I., Lazăr C., Păstrăvanu O.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2205	ZENTRALBLATT MATH	FASC 2	9-28	2009
7	Automatic Carpet Wear Classification Based on Support Vector Machine and Haralick Descriptors	Copot C., Robin De Keyser, Syam Syafie, Sergio Vargas, Lieva Van Langenhove and Corneliu Lazăr	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2216	ZENTRALBLATT MATH	FASC 4	21 - 34	2009
8	Proportion Based Protocols for Load Balancing and Lifetime Maximization in Wireless Sensor Networks	Dumbravă A., Rahim Kacimi, Riadh Dhaou and André-Luc Beylot	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2218	ZENTRALBLATT MATH	FASC 4	47 - 70	2009
9	Post-Rendering Enhancement of Volumes	GAVRILESCU M., MANTA V.I., PURGATHOFER W.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2211	ZENTRALBLATT MATH	FASC 3	43 - 55	2009
10	A Fault Primitive Based Model for All Static Neighbourhood Pattern-Sensitive Faults in Random Access Memories	HUZUM C., CAȘCAVAL P.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2213	ZENTRALBLATT MATH	FASC 3	67 - 79	2009
11	On the Design Of Stabilising Conditions for Linear MPC	LAZĂR M.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2210	ZENTRALBLATT MATH	FASC 2	9-24	2009

12	Manufacturing Systems Analysis and Design. Qualitative Versus Quantitative Techniques in a Petri Net Setting	Mahulea C., Asaței T., Matcovschi M.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2217	ZENTRALBLATT MATH	FASC 4	35 - 46	2009
13	Functional Approximation Using Neuro-Genetic Hybrid Systems	Mihalache C.R., Leon F.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2220	ZENTRALBLATT MATH	FASC 4	87 - 102	2009
14	Multiple Genetic Programming Based Techniques for Nonlinear Systems Identification	PATELLI A., FERARIU L.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2201	ZENTRALBLATT MATH	FASC 1	23 - 36	2009
15	Determination of the total complex impedance of plane electromagnetic waves impinging normally on a lossy dielectric layer	Petrescu C.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, SECȚIA: ELECTROTEHNICĂ, ENERGETICĂ, ELECTRONICĂ	ULRICH'S	LV, Fasc 1		2009
16	Recognition of Handwritten Digits Using Multilayer Perceptrons	Sandu V., Leon F.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2221	ZENTRALBLATT MATH	FASC 4	103 - 114	2009
17	A Finite State Machine Model Used in Embedded Systems Software Development	Stan A., Botezatu N., Panduru L., Lupu R.G.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2208	ZENTRALBLATT MATH	FASC 2	51 - 64	2009
18	An Algorithm for Hierarchical Network Topology Optimization	ȘERBAN E., PANAITE C.E.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2204	ZENTRALBLATT MATH	FASC 1	61 - 70	2009
19	Finite Difference Method for a Velocity Estimator and a Sliding Mode Control Algorithm. Application to a Shaking Table Control System	ȘERBAN E., PANAITE C.E.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2214	ZENTRALBLATT MATH	FASC 3	81 - 95	2009
20	Using a Spatial Database in a Location-Based Search Application	TABARCEA A., PASI FRĂNTI and VASILE MANTA	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2212	ZENTRALBLATT MATH	FASC 3	57 - 65	2009
21	Some Considerations on the Synthesis of Sequential Logic Systems Using Set-Reset Flip-Flops	Valachi A., Aignătoaiei B., Timiș M., Baban A.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2209	ZENTRALBLATT MATH	FASC 2	65 - 78	2009
22	Modern Microcontrollers as Virtual Devices for Old Microprocessor Systems	Vasilii V., Ioan A.D.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2207	ZENTRALBLATT MATH	FASC 2	39 - 50	2009
23	Distributed Differential Cryptanalysis of FEAL - 8	ZAHARIA M.H., CAZACU E.	BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, ISSN 1220 - 2203	ZENTRALBLATT MATH	FASC 1	51 - 60	2009