

C 1.1. Papers indexed in ISI Proceedings

No.	Title	Authors	Proceedings	ISSN /ISBN	Pages	Year	Link
1	AN FPGA IMPLEMENTATION OF AN ALL DIGITAL PHASE LOCKED LOOP FOR CONTROL APPLICATIONS	ALECSA B., ONEA ALEXANDRU	PROCEEDINGS OF 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING	ISBN: 978-1-4244-5007-7	365-368	2009	http://cv.utcluj.ro/iccp2009/index.php/home.html
2	MODELING OF A PRESSURE REDUCING VALVE ACTUATOR FOR AUTOMOTIVE APPLICATIONS	BALAU A.E., CARUNTU C.F., PATRASCU D.I., LAZAR C., MATCOVSCHI M.H., PASTRAVANU O.	2009 IEEE CONTROL APPLICATIONS CCA & INTELLIGENT CONTROL (ISIC)	ISBN 978-1-4244-4602-5	1356-1361	2009	http://conf.physcon.ru/msc09/
3	OPTIMAL CONTROL OF A SERVO DRIVE SYSTEM WITH A PMSM	BOTAN C., RATOI M., OSTAFI F., HORGA V.	ISSCS 2009: PROCEEDINGS OF INTERNATIONAL SYMPOSIUM ON SIGNALS, CIRCUITS AND SYSTEMS, VOLS 1 AND 2	ISBN: 978-1-4244-3784-9	569-572	2009	http://scs.etc.tuiasi.ro/isscs2009/technical_program.html
4	POWER-AWARE FRAMEWORK FOR ENCRYPTED COMMUNICATIONS	BOTEZATU N., STAN A., PANDURU L.	ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM	ISSN: 1726-9679, ISBN: 978-3-901509-70-4	825-826	2009	http://www.daaam.org/daaam/Symposium/Symposium.htm
5	INTELLIGENT PID ROBUST CONTROL BASED ON INTEGRAL CRITERIA, CONTROL, MODELLING AND SIMULATION	CALISTRU C.N.	PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL, MODELLING AND SIMULATION - CONTROLLING, MODELLING AND SIMULATION	ISBN: 978-960-474-082-6	534-539	2009	http://www.wseas.org/conferences/2009/istanbul/acmos/
6	A QUANTUM RANDOM SAMPLE CONSENSUS ALGORITHM FOR POINT CLOUD SIMPLIFICATION	CARAIMAN S., MANTA V.	Proceedings of the First International Conference on Parallel, Distributed and Grid Computing for Engineering	ISSN: 1759-3433, ISBN: 978-1-905088-29-4	268-282	2009	http://www.civil-comp.com/conf/progp2009.pdf
7	NEW APPLICATIONS OF QUANTUM ALGORITHMS TO COMPUTER GRAPHICS: THE QUANTUM RANDOM SAMPLE CONSENSUS ALGORITHM	CARAIMAN S., MANTA V.	CF'09 Conference on Computing Frontiers & Workshops	ISBN: 978-1-60558-413-3	81-87	2009	http://www.pubzone.org/pages/publications/showVenue.do?show_max=10&from_position=11
8	RENORMALIZATION IN QUANTUM GAUGE THEORY USING ZETA-FUNCTION METHOD	CHIRITOIU V., ZET G.	Proceedings of the Physics Conference TIM-08		55-90	2009	http://www.springer.com/materials/book/978-0-7354-0668-1
9	E-health System for Monitoring of Chronic Diseases	Ciorap, R; Andritoi, D; Pomazan, V, Ungureanu, F, et al.	WORLD CONGRESS ON MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING	ISSN: 1680-0737 ISBN: 978-3-642-03903-4	259-262	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=OneClickSearch&qid=11&SID=2DNEeF3jaeMkH49@9J2&page=2&doc=11&colname=WOS
10	EXACT SOLUTION TO THE RELATIVE ORBITAL MOTION IN ECCENTRIC ORBITS	CONDURACHE, D; MARTINUSI, V.	SOLAR SYSTEM RESEARCH, PROC. OF Conference on Analytical Methods of Celestial Mechanics	ISSN: 0038-0946	41-52	2009	http://mecnica.unitbv.ro/COMEC2009/index.html
11	IMAGE MOMENTS BASED VISUAL CONTROL ALGORITHM FOR SERVOING SYSTEMS	COBOT C., BURLACU A., LAZAR C.	Proc. of 2009 IEEE 5TH International Conference on Intelligent Computer Communication and Processing	ISBN 978-1-4244-5007-7	157-160	2009	http://cv.utcluj.ro/iccp2009/index.php/home.html
12	CARPET WEAR CLASSIFICATION BASED ON SUPPORT VECTOR MACHINE PATTERN RECOGNITION APPROACH	COBOT C., SYAFIIE S., VARGAS S., DE KEYSER R., VAN LANGENHOVE L., LAZAR C.	Proc. of 2009 IEEE 5TH Int.Conf. on Intelligent Computer Communication and Processing	ISBN 978-1-4244-5007-7	161-164	2009	http://cv.utcluj.ro/iccp2009/index.php/home.html
13	FUZZY LOGIC CONTROLLER CVASI-PD IN AN OPTIMIZATION PROCESS	DOSOFTEI C.C., MASTACAN L.	Proceedings of the 11th WSEAS International Conference on Automatic Control ,Modelling and Simulation (ACMOS'09)	ISSN 1790-5117, ISBN 978-960-474-082-6	540-544	2009	http://www.wseas.org/conferences/2009/istanbul/acmos/
14	GRAPHICAL FUZZY INFERENCE METHOD IN SPARSE RULE BASE	Dosoftei, CC; Mastacan, L	ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM	ISSN: 1726-9679 ISBN: 978-3-901509-70-4	1269-1270	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=2DNEeF3jaeMkH49@9J2&page=1&doc=1&colname=WOS

15	MIGRATION-BASED MULTIOBJECTIVE GENETIC PROGRAMMING FOR NONLINEAR SYSTEM IDENTIFICATION	FERARIU L., PATELLI A.	SACI: 2009 5TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS	ISBN: 978-1-4244-4477-9	465-470	2009	http://www.ac.upt.ro/saci2009/
16	CONTRIBUTIONS TO SPINNING PROCESS MANAGEMENT BASED ON SPECIFIC ACTIVE CONTROL SYSTEMS	Hanganu, LC; Pantilimonescu, F; Peptanariu, M	MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 1	ISBN: 978-960-89832-7-4	641-644	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=203&SID=N2pJomMliiDLNofDIP@&page=1&doc=3&colname=WOS
17	INTELLIGENT ULTRASONIC GENERATOR AS ORGANIC FARM ENVIRONMENT PROTECTOR	Hanganu, LC; Peptanariu, M; Pantilimonescu, F	MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 1	ISBN: 978-960-89832-7-4	679-682	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=203&SID=N2pJomMliiDLNofDIP@&page=1&doc=5&colname=WOS
18	SIGNIFICANT TECHNOLOGICAL CHANGES IN TEXTILE INDUSTRIAL-PROCESSES AND THEIR SPECIFIC EQUIPMENT BASED ON EMBEDDED SYSTEMS AND MECHATRONICS DESIGN CONCEPTS	Hanganu, LC; Peptanariu, M; Pantilimonescu, F	MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 1	ISBN: 978-960-89832-7-4	645-648	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=203&SID=N2pJomMliiDLNofDIP@&page=1&doc=4&colname=WOS
19	VISUAL SERVOING OF ROBOT MANIPULATORS USING MODEL-BASED PREDICTIVE CONTROL	LAZAR C., BURLACU A.	2009 7th IEEE International Conference on Industrial Informatics	ISBN 978-1-4244-3760-3	690-695	2009	http://www.indin2009.com/
20	Performance Analysis of Algorithms for Protein Structure Classification	Leon, F; Aignatoaiei, BI; Zaharia, MH	PROCEEDINGS OF THE 20TH INTERNATIONAL WORKSHOP ON DATABASE AND EXPERT SYSTEMS APPLICATION	ISBN: 978-0-7695-3763-4, ISSN 1529-4188	203-207	2009	http://www.dexa.org/previous/dexa2009/dexa_cf_p.html
21	Distributed Application for Traffic Control Using Intelligent Agents	Leon, F; Zaharia, MH; Pal, C, et al.	PROCEEDINGS OF THE 9TH WSEAS INTERNATIONAL CONFERENCE ON APPLIED INFORMATICS AND COMMUNICATIONS - RECENT ADVANCES IN APPLIED INFORMAT AND COMMUNICATIONS	ISBN: 978-960-474-107-6	357-362	2009	http://www.wseas.org/conferences/2009/russia/aic/
22	COLLABORATIVE ROBOTIC SYSTEM OBTAINED BY COMBINING PLANNING AND HOLONIC ARCHITECTURE	PANESCU D., PASCAL C., SUTU M., VARVARA G.	AT-EQUAL 2009: 2009 ECSIS SYMPOSIUM ON ADVANCED TECHNOLOGIES FOR ENHANCED QUALITY OF LIFE: LAB-RS AND ARTIPED 2009	ISBN: 978-0-7695-3753-5	138-143	2009	http://www.atequal.info/atequal09.html
23	ON THE SENSORIAL INTEGRATION FOR A HOLONIC MANUFACTURING SYSTEM	PANESCU D., VARVARA G.	2009 THIRD UKSIM EUROPEAN SYMPOSIUM ON COMPUTER MODELING AND SIMULATION (EMS 2009)	ISBN: 978-1-4244-5345-0	367-372	2009	http://www.ems2009.org.uk/
24	ON THE DESIGN AND IMPLEMENTATION OF THE RESOURCE HOLON IN A PROSA BASED ARCHITECTURE	PANESCU D., VARVARA G., PASCAL C., SUTU M.,	2009 INTERNATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS	ISBN: 978-1-4244-4111-2	89-94	2009	http://www.ines-conf.org/ines-conf/2009.htm
25	EDUCATIONAL MWE M2M HIERARCHICAL GREEN SERVER	Pantilimonescu, F; Aignatoaiei, B; Peptanariu, M, et al	MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 1	ISBN: 978-960-89832-7-4	537-540	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=203&SID=N2pJomMliiDLNofDIP@&page=1&doc=2&colname=WOS
26	HOME LEARNING INTELLIGENT DUAL CORE EMBEDDED COMPUTER SYSTEM	Pantilimonescu, F; Aignatoaiei, B; Peptanariu, M, et al.	MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 2	ISBN: 978-960-89832-8-1	319-322	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=203&SID=N2pJomMliiDLNofDIP@&page=1&doc=6&colname=WOS
27	THE NON-SYMMETRICAL CASE OF INVARIANT-SET ANALYSIS WITH RESPECT TO LINEAR DYNAMICS	PASTRAVANU O., MATCOVSCHI M.H.	Proc. of ISSCS 2009: International Symposium on Signals, Circuits and Systems	DOI: 10.1109/ISSCS.2009.5206203, ISBN: 978-1-4244-3785-6	65-68	2009	http://scs.etc.tuiasi.ro/isscs2009/index.html
28	RESEARCHES ON WASTE WATER UNDER ULTRASONIC FIELD	Peptanariu, M; Hanganu, LC; Pantilimonescu, F	MANAGEMENT OF TECHNOLOGICAL CHANGES, VOL 2	ISBN: 978-960-89832-8-1	765-768	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=203&SID=N2pJomMliiDLNofDIP@&page=1&doc=7&colname=WOS
29	HYDRAULIC ANALYSIS OF A DISTRICT HEATING NETWORK	Popescu, D; Serban, E; Panaite, CE, et al.	PROCEEDINGS OF THE 9TH BIENNIAL CONFERENCE ON ENGINEERING SYSTEMS DESIGN AND ANALYSIS - 2008, VOL 4	ISBN: 978-0-7918-4838-8	133-137	2009	http://apps.isiknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=75&SID=N2pJomMliiDLNofDIP@&page=1&doc=5&colname=WOS

30	THE DESIGN OF A FINITE STATE MACHINE ENGINE WITH SAFE OPERATION USED IN EMBEDDED SYSTEMS DESIGN	STAN A., BOTEZATU N., VIERIU G.	ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM	ISSN: 1726-9679, ISBN: 978-3-901509-70-4	1507-1508	2009	http://www.daaam.org/daaam/Symposium/Symposium.htm
31	A VHDL-AMS BASED SPIKING NEURON MODEL	ȚIGĂERU L.	ISSCS 2009: PROCEEDINGS OF INTERNATIONAL SYMPOSIUM ON SIGNALS, CIRCUITS AND SYSTEMS, VOLS 1 AND 2	ISBN: 978-1-4244-3784-9	405-408	2009	http://scs.etc.tuiasi.ro/isscs2009/index.html
32	SOME CONTRIBUTIONS TO SYNTHESIS AND IMPLEMENTATION OF MULTIFUNCTIONAL REGISTERS	VALACHI A., TIMIS M., DANUBIANU M.	Proceedings of the 2nd WSEAS International Conference on Multivariate Analysis and its Application in Science and Engineering	ISSN 1790-5117, ISBN 978-960-474-083-3	146-149	2009	http://www.wseas.org/conferences/2009/istanbul/multi/index.html
33	Increasing Awareness o Disasters by Knowledge Management with Intelligent Agents	Zaharia, M; Leon, F; Atanasiu, G	PROCEEDINGS OF THE 10TH EUROPEAN CONFERENCE ON KNOWLEDGE MANAGEMENT	ISBN: 978-1-906638-39-9	906-914	2009	http://www.academic-conferences.org/eckm/eckm2010/eckm09-proceedings.htm
34	Agent-Based Simulation of Crowd Evacuation Behavior	Zaharia, MH; Leon, F; Pal, C, et al.	PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL, MODELLING AND SIMULATION - CONTROLLING, MODELLING AND SIMULATION	ISBN: 978-960-474-082-6	529-533	2009	http://www.wseas.org/conferences/2009/istanbul/acmos/