C1.2. Articles in journals indexed in international databases - 2013

No.	Authors	Title	Journal	Volume	Pages
1	Mihai Grigore Timis, Alexandru Valachi, Alexandru Barleanu, Andrei Stan	Logical Function Decomposition Method for Synthesis of Digital Logical System Implemented with Programmable Logic Devices (PLD)	Scientific Research - Circcuits and Systems, ISSN 2153-1293	4 (7)	472-477
2	Mihai Grigore Timis, Alexandru Valachi, Alexandru Barleanu, Andrei Stan	Two Analytical Methods for Detection and Elimination of the Static Hazard in Combinational Logic Circuits	Scientific Research - Circcuits and Systems, ISSN 2153-1293	4 (7)	466-471
3	Radu Olaru, Camelia Petrescu, Alexandru Arcire	Maximizing the magnetic force generated by an actuator with non-magnetic body in a ferrofluid pre-magnetized by permanent magnets	International Review of Electrical Engineering (I.R.E.E.), ISSN 1827-6660	8	904-911
4	Caruntu Constantin	Real-time simulation of a network-controlled vehicle drivetrain based on model predictive control	Buletinul Institutului Politehnic din Iasi, Secția Automatică și Calculatoare, ISSN 1220-2169	Tome LIX (LXIII)	43-58
5	Corneliu Botan, Florin Ostafi	Fixed end point optimal control of a voltage controlled electrical drive system with variable torque	Buletinul AGIR, ISSN-L 1224-7928, Online: ISSN 2247-3548	3	147-152
6	Corneliu Botan, Dumitru Cuciureanu, Florin Tiberiu Pal, Florin Ostafi	Electromechanical energy conversion and storage systems	Buletinul AGIR, ISSN-L 1224-7928, Online: ISSN 2247-3548	3	157-162
7	IOAN Corina Anamaria, LUCA Florin-Alexandru, SASU Constantin	Social Networks – Challenge and Opportunity in the Development of Personal Brand Marketing Strategies in the Virtual Environment	Annals of Ovidius University of Constanta, Economic Sciences Series	XIII	800-806
8	IOAN Corina Anamaria, LUCA Florin-Alexandru, SASU Constantin	Brandul personal. De la teorie la practica in societatea contemporana	Management intercultural	XV, 3(29)	165-170
9	Camelia Petrescu	Improvement of zone control induction heating applicator used for processing circular semiconductor discs	Buletinul Institutului Politehnic din Iasi, sectia Electrotehnica, Electronica, Energetica, 1223-8139	Tome LIX (LXIII)	pp.9-18
10	Breniuc Liviu, Haba Cristian Gyozo	GPS and GSM System for the Development of Car Tracking Application	Buletinul Institutului Politehnic din Iasi, sectia Electrotehnica, Electronica, Energetica, 1223-8139	59	71-82
11	Iulian Petrila, Vasile Manta	Representations of the Qubit States	Buletinul Institutului Politehnic din Iaşi, Automatic Control and Computer Science Section, ISSN 1220 - 2169	Tome LIX (LXIII)	57-68
12	Robert Lupu, Florina Ungureanu	A survey of eye tracking methods and applications	Buletinul institutului Politehnic din Iasi, Sectia Automatica si Calculatoare, ISSN 1220-2169	Tome LVIII(LXII)	71-86
13	Alexandru Valachi, Mihai Grigore Timis, Alexandru Barleanu, Andrei Stan	Synthesis of digital systems implemented with programmable logic devices, using decomposition algorithms	Buletinul Institutului Politehnic din Iaşi, 2013, Secția Automatică și Calculatoare, ISSN 1220-2169	Tome LIX (LXIII)	81-91

14	Alexandru Valachi, Mihai Grigore Timis, Alexandru Barleanu, Andrei Stan	Improvement of fsm synthesis using the transition matrix representation	Buletinul Institutului Politehnic din Iaşi, Secţia Automatică şi Calculatoare, ISSN 1220-2169	Tome LIX (LXIII)	29-41
15	Adrian Alexandrescu	The Efficiency of Using Genetic Algorithms to Map Tasks with Priorities, Deadlines and Dependencies	Buletinul Institutului Politehnic din Iasi, Secţia Automatică şi Calculatoare, ISSN 1220-2169	Tome LIX (LXIII)	9-22
16	Cristian Rotariu, Robert Lupu, George-Emil Vieriu	Low Power Wearable Device for Sleep Disorders Monitoring	Buletinul Ştiinţific al Universităţii "Politehnica" din Timişoara, Seria Automatică şi Calculatoare, ISSN 1224-600X	58 (72)	77-82
17	George-Emil Vieriu	The Precision of Remaining Operating Time Estimates for Devices Powered by Li-Ion Batteries using bq27541 Fuel Gauge	Buletinul Institului Politehnic din Iasi, Secţia Automatică şi Calculatoare, ISSN 1220-2169	Tome LIX (LXIII)	93-102
18	ANDRIESEI CRISTIAN	Filtering low noise amplifiers for SAW-less CMOS receivers	Buletinul Institutului Politehnic din Iasi, sectia Electrotehnica, Electronica, Energetica, 1223-8139	TOM LVIII (LXIII)	9-20
19	Constantina Raluca Mihalache, Bogdan Apostol	A Study on Classifiers Accuracy for Hand Pose Recognition	Buletinul Institutului Politehnic din Iaşi, Secţia Automatică şi Calculatoare, ISSN 1220-2169	Tome LIX (LXIII)	69-80