

Anul calendaristic 2013

1. Monografii, tratate, cărți publicate în edituri recunoscute din străinătate/ISI				
Nr.	Autori	Titlul	Editura	Anul/Pagini
1	Florin-Marian BIRLEANU	Recurrence-Based Signal Processing: Applications in Ultrasonic Measurements	LAP LAMBERT Academic Publishing AG & Co. KG, Germany, ISBN: 978-3659337031	2013 / 168
2	N. Bizon, N. M. Tabatabaei and Hossein Shayeghi (Ed.),	Analysis, Control and Optimal Operations in Hybrid Power Systems, Advanced Techniques and Applications on Stability, Control and Optimal Operation of the Hybrid Power Systems	Springer Verlag London Limited, London, UK, 2013. 978-1-4471-5538-6, 978-1-4471-5537-9 http://www.springer.com/engineering/control/book/978-1-4471-5537-9	2013/294
3	N. Bizon and N. M. Tabatabaei (Ed.),	Advances in Energy Research: Energy and Power Engineering	Nova Science Publishers Inc., USA, 2013 978-1-62257-534-3 (hardcover), 978-1-62257-546-6 (ebook). 698 pp https://www.novapublishers.com/catalog/product_info.php?products_id=36315&osCsid=cce0dd5ced12df6ba9340d8c9d71142b	2013/698
4	N. Bizon, M. Răducu, M. Oproescu (book chapter)	Advances in Energy Reserch. Energy and Power Engineering, book chapter: PWM Cycloconverter – An Energy Efficient Topology For Fuel Cell Inverter Systems	Nova Science Publishers Inc., USA, 2013 978-1-62257-534-3 (hardcover), 978-1-62257-546-6 (ebook). 698 pp https://www.novapublishers.com/catalog/product_info.php?products_id=36315&osCsid=cce0dd5ced12df6ba9340d8c9d71142b	2013/24
3. Monografii, tratate, cărți publicate în edituri recunoscute de CNCSIS, Cursuri publicate în edituri rec. CNCSIS sau CNCS /nerc. CNCSIS și CNCS				
Nr.	Autori	Titlul	Editura	Anul/Pg
1	N. Bizon, L. Dascalescu, and N. M. Tabatabaei (Ed.),	Autonomous Hybrid Vehicles: Intelligent Transport Systems and Automotive Technologies,	Universitatea din Pitești	2013
2	Nicu Bizon, Marian Raducu, Mihai Oproescu, L.M. Constantinescu	Autonomous Hybrid Vehicles, Coordonatori: Nicu Bizon, Lucian Dascalescu, Naser M. Tabatabaei, ISBN 978-606-560-327-1, Cap.11, pg.211-240, Energy efficiency of the multiport power converters used in the hybrid power source of the plug-in fuel cell vehicles	Universitatea din Pitești	2013/40
3	R. Beloiu, M. Iorgulescu, C. Savulescu	Autonomous Hybrid Vehicles. Intelligent Transport Systems and Automotive Technologie, Ed. Upit, 2013. 978-606-560-327-1	Ed. Upit	2013/15
4	Rodica-Mihaela Teodorescu	Analiza și sinteza circuitelor cu medii de programare inginerești	Ed Univ. Pitesti	2013/115
5	Ene A.	100 de probleme rezolvate în limbajul C++	Ed. Universitatii din Pitesti	2013/124
6	Chiță, M.A.	Grafică asistată de calculator. Îndrumar de laborator	Universitatea din Pitești	2013/88 Pg
4. Articole în publicații cotate ISI (pentru revistele cotate ISI, Factorul de Impact – F.I – este publicat anual de către Thompson Reuters in Jurnal Citation Report)				
Nr.	Autori	Titlul	Revista	

	1	Bizon N	Energy harvesting from the PV Hybrid Power Source	Energy 52 (2013): 297–307, 1 April 2013, http://dx.doi.org/10.1016/j.energy.2013.02.006 WOS:000317941000031
	2	Bizon N	Energy harvesting from the FC stack that operates using the MPP tracking based on modified extremum seeking control	Applied Energy 104 (2013) 326-336. April 2013 http://dx.doi.org/10.1016/j.apenergy.2012.11.011 WOS:000316152700033
	3	Bizon N	FC energy harvesting using the MPP tracking based on advanced extremum seeking control	International Journal of Hydrogen Energy 38(4) (2013),1952-1966. 12 February 2013, WOS:000314860600023 http://dx.doi.org/10.1016/j.ijhydene.2012.10.112
	4	Bizon N	Energy efficiency for the multiport power converters architectures of series and parallel hybrid power source type used in plug-in/V2G fuel cell vehicles	Applied Energy 2013, 102, 726-734; February 2013, WOS:000314190800078 http://dx.doi.org/10.1016/j.apenergy.2012.08.021
	5	Anghelescu, Petre; Ionita Silviu; Iana, Vasile Gabriel	High-Speed Pca Encryption Algorithm Using Reconfigurable Computing ,	Cybernetics and Systems Volume: 44 Issue: 4 Pages: 285-304, DOI: 10.1080/01969722.2013.783375 Published: MAY 19 2013.
	6	G.A. Iordachescu, J. Jacquet	„Synthesis of Resonant Cavities having Continuum Spectra by Genetic Algorithm”, Optik - International Journal for Light and Electron Optics, Volume 125, Issue 18, Pages 5264–5267, September, 2014, doi: 10.1016/j.ijleo.2014.06.050	Optik - International Journal for Light and Electron Optics, ISI Impact Factor: 0,769
5.	Articole in publicatii cotate +B /B – CNCSIS			
	Nr.	Autori	Titlul	Revista
	1	Valeriu Manuel Ionescu, Ioan Lita, Daniel Visan, Bogdan Cioc	Optimizing parallel prefix adders for use in digital filters	University of Pitesti, Scientific Bulletin, Series: Electronics and Computers, Vol 2, ISSN: 1453-1119
	2	Rodica-Mihaela TEODORESCU, Ioan LIȚĂ, Ion Bogdan CIOC	SIGNAL VISUALISATION AND MEASUREMENT USING VIRTUAL INSTRUMENTATION	Scientific Bulletin of Electrical Engineering Faculty – 2013, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, pag. 25-28, CNCSIS B+, Index COPERNICUS
	3	Rodica-Mihaela Teodorescu, Florentina Magda Enescu	VIRTUAL INSTRUMENT FOR TIME DISPLAY IN ANY COUNTRY OF THE GLOBE	Scientific Bulletin of Electrical Engineering Faculty – 2013, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, pag. 35-39, CNCSIS B+, Index COPERNICUS
	4	Gabriel Vasile IANA, Georgeta Raluca IONESCU	DSP SYSTEM FOR ROTARY INVERTED PENDULUM CONTROL	, Scientific Bulletin, Series “Electronics and Computers Science”, vol. 13, Issue 1/2013, pp.11-14, pISSN: 2344 – 2158, eISSN: 2344 – 2166
	5	Ene Al., Știrbu, C.	A C language application for obtaining an increased fault tolerance for MLP neural networks	University of Pitesti Scientific Bulletin, Series: Electronics and Computers Science, 2013: Vol 13, Issue 2, pp 13-16
	6	Cazacu D., Enescu F. M.	Numerical Problems In 3D FEM Simulation Of Harmonic Magnetic fields, ECAI Pitesti 27-29.iun 2013	ECAI 2013, Vol.5, No.1/2013, ISSN-1843-2115
6.	Articole incluse in baze de date indexate cu recunoastere ISI - reviste din strainatate indexate BDI sau in reviste categoria B+ (CNCSIS)			
	Nr.	Autori	Titlul	Baza date
	1	N. Bizon, M. Oproescu, M. Raducu, L.M. Constantinescu	On the search speed for the extremum seeking control 2D-schemes. Part I – signal processing using orthogonal dither signals	Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'13, No. 1, pp. 81-88, Pitești, ISSN 1843–2115 (IEEEXplore)

2	N. Bizon, M. Raducu, M. Oproescu, L.M. Constantinescu	On the search speed for the extremum seeking control 2D-schemes. Part II – performances estimation	Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'13, No. 1, pp. 89-96, Pitești, ISSN 1843–2115 (IEEE Xplore)
3	Rodica-Mihaela Teodorescu, Florentina Magda Enescu	<i>VIRTUAL INSTRUMENT FOR TIME DISPLAY IN ANY COUNTRY OF THE GLOBE</i>	Scientific Bulletin of Electrical Engineering Faculty – 2013, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, CNCSIS B+
4	Săvulescu Corina	A recognition system of components from a production line using neuronal networks	(ATEE), 2013 8th International Symposium on Digital Object Identifier: 10.1109/ATEE.2013.6563523
5	Ion Bogdan Cioc, Cornel Talpalariu, Jeni Talpalariu, Corina Matei, Ioan Lita, Daniel Alexandru Visan	Implementation of Charge Sensitive Amplifier/Discriminator for PIN Diode Radiation Detectors	http://ieeexplore.ieee.org
6	Ioan Lita, Daniel Alexandru Visan, Ion Bogdan Cioc, Rodica Mihaela Teodorescu, Valeriu Manuel Ionescu	Data Acquisition System for Collision Tests in Automotive Industry	http://ieeexplore.ieee.org
7	Valeriu Ionescu, Ioan Lita, Daniel Visan, Bogdan Cioc	Architecture for Adders in Digital Filters Operating in Mixed Power Modes	http://ieeexplore.ieee.org
8	Daniel Alexandru Visan, Ioan Lita, Ion Bogdan Cioc, Valeriu Manuel Ionescu	Design of Digital Communication Module for Remote Measurement Systems	http://ieeexplore.ieee.org
9	Ioan LITA, Daniel Alexandru VISAN	Microcontroller Based Control System for Rotating Display with Multiplexed LED Array	http://ieeexplore.ieee.org
10	Mariana IORGULESCU, Corina SAVULESCU	Aspects of learning techniques in power system	ECAI 2013, Vol.5, No.1/2013, ISSN-1843-2115, pg. 81-88, IEEE Xplore
11	Corina SAVULESCU	Recognition System of Components from a Production Line Using Neuronal Networks	ATEE 2013; Print ISBN:978-1-4673-5979-5; Digital Object Identifier 10.1109/ATEE.2013.6563523 IEEE Xplore
12	Ene Al., Știrbu, C.	Weights set selection method for feed forward neural networks	ECAI 2013 , 27 June -29 June, 2013, Pitești, ROMÂNIA, pag. 45-48, ISSN 1843 – 2115, IEEE Xplore.
13	Alexandru Serbanescu, Florin-Marian Birleanu, Angela Digulescu	Overview of our recent results in signal analysis using recurrence plots	Proceedings of the ECAI 2013 (27 June - 29 June, 2013, Pitesti, Romania)
14	Daniel-Constantin Anghel, Alexandru Ene, Nadia Belu	A Matlab neural network application for the study of working conditions	Applied Mechanics and Materials
7.	Articole incluse in baze de date indexate cu recunoaștere în domeniu		
Nr.	Autori	Titlul	Baza date
1	C. Anton, L. Ionescu, I. Tutanescu, A. Mazare, G. Serban	Detecting errors in digital communication with CRC codes implemented with FPGA	Scopus
2	Petre Angheliescu	Programmable Cellular Automata Encryption Algorithm Implemented in Reconfigurable Hardware	The International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems, IJATES2, ISSN: 1805-5443, Volume 2, No. 2, pag. 73-78. Google Scholar.
3	Petre Angheliescu, Ionut Serbanescu, Silviu Ionita	Surveillance system using IP camera and face-detection algorithm	The 5 th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2013, Vol. 5, ISSN – 1843 – 2115, pp. 47 – 52. IEEE Xplore, Scopus.

4	Alexandru Ene, Daniel Anghel	A Neural Networks Application in Ergonomics	ECAI 2013, vol. 5 – No5/2013 ISSN -1843-2115, pag. 107-110, IEEE Xplore.
5	Alexandru SERBANESCU, Florin-Marian BIRLEANU, Angela DIGULESCU	Overview of our recent results in signal analysis using recurrence plots	Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE ECAI-2013, June 27 - June 29, 2013, vol. 5, no. 4/2013, pp. 7-12, ISSN - 1843 - 2115
6	Valeriu IONESCU, Florin SMARANDA, Ion SIMA, Adrian-Viorel DIACONU,	"Current status of the wireless local area networks in Romania", Proceedings of the RoEduNet International Conference 11th Edition, January 17-19, 2013, Sinaia, pg 166-169, ISSN-L 2068-1038, DOI : 10.1109/RoEduNet.2013.6511752	http://ieeexplore.ieee
7	Diaconu, Adrian-Viorel ; Ionescu, Valeriu	"Simple, XOR based, image edge detection", ECAI 2013, 27-29 June 2013, Page(s):1 - 4, Print ISBN:978-1-4673-4935-2, IEEEExplore DOI:10.1109/ECAI.2013.6636163	http://ieeexplore.ieee
8	Valeriu Manuel Ionescu, Florin Smaranda, Adrian-Viorel Diaconu	"Control System For Video Advertising Based On Raspberry Pi", Proceedings 12th RoEduNet Conference: Networking in Education and Research, 26-28 september 2013, Constanta, IEEEExplore DOI :10.1109/RoEduNet.2013.6714204	http://ieeexplore.ieee
9	Rodica-Mihaela TEODORESCU, Ioan LIȚĂ, Ion Bogdan CIOC	SIGNAL VISUALISATION AND MEASUREMENT USING VIRTUAL INSTRUMENTATION, Scientific Bulletin of Electrical Engineering Faculty – 2013, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, pag. 25-28, CNCSIS B ⁺ ,	Index COPERNICUS
10	Rodica-Mihaela Teodorescu, Florentina Magda Enescu	VIRTUAL INSTRUMENT FOR TIME DISPLAY IN ANY COUNTRY OF THE GLOBE, Scientific Bulletin of Electrical Engineering Faculty – 2013, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, pag. 35-39, CNCSIS B ⁺ ,	Index COPERNICUS
11	Alin Mazare, Laurentiu Ionescu, Dumitru Cazacu	Intelligent control of greenhouse environment	WSEAS
12	Ionescu, Laurentiu; Ionita, Silviu; Mazare, Alin	Embedded System for 3-Axis Acceleration Measuring and Local Computing of Related Speeds and Positions	IFAC
13	Barbu V. ,Ionescu L. ,Mazare A., Serban G.	Evolvable Hardware Used in Heliostatic Field Tracker System Control	SCOPUS
14	Alexandru Ene, Daniel Anghel	A Neural Networks Application in Ergonomics	Proceedings of the International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2013, vol. 5 – No5/2013 ISSN -1843-2115, pag. 107-110 IEEE Xplore.
8.	Articole publicate în alte reviste din strainatate / Academii		

	Nr.	Autori	Titlul	Revista	
	1	N. Bizon, M. Oproescu, M. Raducu, L.M. Constantinescu	THE EXTREMUM SEEKING CONTROL BASED ON BAND PASS FILTER FOR THE DITHER SIGNAL PROCESSED IN THE CONTROL LOOP	International Journal on "Technical and Physical Problems of Engineering" (IJTPE), IJTPE - Issue 16, Volume 5, Number 3, September 2013 (ISSN 0016-0503-0913), 133-143. 20-IJTPE-Issue16-Vol5-No3-Sep2013-pp133-141.pdf	
9.	Articole publicate in vol. unor manifestări științifice internaționale cu ISBN/ISSN organizate in străinătate de o entitatea științifică internațională				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea stiintifica organizatoare
	1	Nicu Bizon, Mihai Oproescu, Marian Raducu, Luminita Mirela Constantinescu	On the search speed for the extremum seeking control scheme based on band pass filter. Part I – signal processing in the control loop	9th International Conference on "Technical and Physical Problems of Electrical Engineering" 9-11 September 2013, Proceedings: ISSN 2309-0545	Isik University & Istanbul Technical University Istanbul, Turkey
	2	Nicu Bizon, Mihai Oproescu, Marian Raducu, Luminita Mirela Constantinescu	On the search speed for the extremum seeking control scheme based on band pass filter. Part II – performances estimation	9th International Conference on "Technical and Physical Problems of Electrical Engineering" 9-11 September 2013, Proceedings: ISSN 2309-0545	Isik University & Istanbul Technical University Istanbul, Turkey
	3	Chiță, M.A..	Some aspects concerning to the architecture of multisensorials measurement system	The 37nd Annual Congress of the American Romanian Academy of Arts and Sciences (ARA), 4th-9th June Chisinau, Moldova., Proceedings, Section Engineering, ISBN 978-2-553-01424-X, pp. 447-450.	American Romanian Academy of Arts and Sciences (ARA)
	4	Chiță, M.A..	Some aspects concerning a measurement system of the temperature using an Intel 8051FX microcontroller	The 37nd Annual Congress of the American Romanian Academy of Arts and Sciences (ARA), 4th-9th June Chisinau, Moldova, 2013, Proceedings, Section Engineering, ISBN 978-2-553-01424-X., pp. 484-487.	American Romanian Academy of Arts and Sciences (ARA)
10.	Articole publicate in vol. unor manifestări științifice internaționale cu ISBN/ISSN organizate in țară sub tutela unei entități științifice internaționale				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea stiintifica organizatoare
	1	I. Liță, D.A. Vișan, I.B. Cioc, I. Valeriu, R.M. Teodorescu	Data Acquisition System for Collision Tests in Automotive Industry	36th International Spring Seminar on Electronics Technology, Automotive Electronics, May, 8-12, 2013, ISSE 2013, Alba Iulia.	ISSE
11.	Articole publicate in volume/reviste ale unor manifestari stiintifice/periodice din strainatate/tara				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea stiintifica organizatoare

	1	Ionita Silviu	SOLUTII AVANSATE PENTRU MENTENANTA SISTEMELOR DE PRODUCTIE AUTOMATIZATE	Mentenanata si Distributie Industrială- MSDI (ISSN 2069-7163) Anul III, Nr.6(18), Oct-Nov 2013	
	2	Ionita Silviu	INFORMAȚIA ÎN TIMP REAL: CHEIA PENTRU PRODUCȚIA PERFORMANTĂ	Mentenanata si Distributie Industrială- MSDI (ISSN 2069-7163) Anul III, Nr.7(19), Dec. 2013	
	3	Teodorescu Rodica-Mihaela	Instrument virtual pentru afișarea orei în orice țară de pe glob, având ca reper țara utilizatorului	Simpozionul Internațional „DISPONIBILITATI CREATIVE IN LUME” – Ediția a IV-a din 23 februarie 2013, Iași, Premiul I, ISBN 978-606-576-684-6,	Universitatea “Al. I. Cuza” Iași
12.	Director/responsabil de contract/proiect/grant de cercetare științifică (inclusiv în granturile cu parteneri multipli), cu valoarea unitară care revine Universității din Pitești				
	Nr.	Denumire contract	Nume Director	Finanțator	Valoare (lei)
	1	Criptosistem bazat pe dinamica haotică implementat cu automate celulare pentru protecția informației în rețelele de comunicații, Proiect de cercetare postdoctorala, PD 369, Contract Nr. 10/02.08.2010.	Petre Angheliescu	UEFISCDI	
14.	Brevet de invenție				
	Nr.	Autori	Titlul	Anul	
	1				
	Citări în reviste cotate ISI (fără autocitări – din ISI Web of Knowledge)				
15.		Lucrarea citată + revista	Lucrarea care citează + revista		
	1				