

Anul calendaristic 2012

1. Monografiile, tratate, cărți publicate în edituri recunoscute din străinătate/ISI				
Nr.	Autori	Titlul	Editura	Anul/Pagini
1	N. Bizon (Ed.)	<i>Distributed Generation systems integrating Renewable Energy Resources</i> , https://www.novapublishers.com/catalog/product_info.php?products_id=22516	Nova Science Publishers Inc., USA, 978-1-61209-991-0 (hardcover), 978-1-61209-991-2 (ebook).	2012/692 pp
2	Laurentiu Ionescu, Alin Mazare, Gheorghe Serban	Intrinsic Evolvable Hardware Used for Fault Tolerance Systems, Vol. 2, Chapter 2 of International Journal of Organizational and Collective Intelligence	IGI Global	2012/33
3	Alexandru Serbanescu, Florin-Marian Birleanu	"New Approaches in Nonlinear Dynamics Analysis of Complex Systems and Processes", chapter in "Advances in Energy Research: Distributed Generations Systems Integrating Renewable Energy Resources" (ISBN: 978-1-61209-991-0)	NOVA Science Publishers, Inc. (Hauppauge, New York)	2012/38
3. Monografiile, tratate, cărți publicate în edituri recunoscute de CNCSIS, Cursuri publicate în edituri rec. CNCSIS sau CNCS /necr. CNCSIS și CNCS				
Nr.	Autori	Titlul	Editura	Anul/Pg
1	N. Bizon, M. Oproescu, ch. 8, Techniques to Mitigate the Fuel Cell Current Ripple, pp. 249-281. N. Bizon, M. Oproescu, ch. 12.3, Multi-Stage Inverter Topologies for Energy Generation Systems, pp. 381-389 N. Bizon, M. Oproescu, Compilation of References, About the Contributors, Index, pp. 521-543.	N. Bizon (Ed.), Advanced in Energy Research Distributed Generation System: Integrating Renewable Energy Resources	Nova Science Publishers, ISBN 978-606-560-128-4 (hardcover), ISBN 978—1-61209-991-0	2012, pp. 32/2+8/2+22/2=31
2	Teodorescu Rodica-Mihaela, Liță Ioan, Cioc Ion Bogdan, Vișan Daniel Alexandru, Radu Dragoș-Gheorghe	Tehnici pentru generarea și vizualizarea virtuală a semnalelor	Editura Universității din Pitești	2012/142
3	Petre Angheliescu	AUTOMATE CELULARE – fundamente și abordări practice cu aplicații în criptare	MATRIX ROM	2012/237
4. Articole în publicații cotate ISI (pentru revistele cotate ISI, Factorul de Impact – F.I – este publicat anual de către Thompson Reuters în Jurnal Citation Report)				
Nr.	Autori	Titlul	Revista	

	1	Nicu Bizon	Energy Efficiency of Multiport Power Converters used in Plug-In/V2G Fuel Cell Vehicles, Applied Energy 2012, 96, 431-443. http://dx.doi.org/10.1016/j.apenergy.2012.02.075	Applied Energy, ISSN: 0306-2619
	2	Gheorghe Șerban, Laurențiu Ionescu, Alin Mazăre	The possibility of optimisation for power supply consumption using evolvable power regulator	Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique
5.	Articole in publicatii cotate +B /B – CNCSIS			
	Nr.	Autori	Titlul	Revista
	1	Alexandru Ene	Educational software application for the study of the C programming language	University of Pitesti, Scientific Bulletin, Series Electronics and Computers Science, Vol 12 /issue 1/2012, ISSN 1453-1119
	2	Alexandru Ene, Daniel Anghel	JAVA NEURAL NETWORK APPLICATION FOR THE ESTIMATION OF A WORKPLACE RANKING	University of Pitesti, Scientific Bulletin, Series Electronics and Computers Science, Vol 12 /issue 2/2012, ISSN 1453-1119
	3	Daniel Anghel, Alexandru Ene	Ergonomic workstation characterization using neural networks	Scientific Bulletin, AUTOMOTIVE series, Year XVIII, No. 22, Volume B ISSN: 1453-1100 University of PITESTI, 2012
6.	Articole incluse in baze de date indexate cu recunoaștere ISI - reviste din strainatate indexate BDI sau in reviste categoria B+ (CNCSIS)			
	Nr.	Autori	Titlul	Baza date
	1	Nicu Bizon, Mihai Oproescu, Marian Raducu	On the Dither Persistence in the Extremum Seeking control. Part I: ESC loop based on Band-Pass Filter	IEEE Xplore
	2	Nicu Bizon, Mihai Oproescu, Marian Raducu	On the Dither Persistence in the Extremum Seeking control. Part II: Signal harmonics' persistence for large filtering pass band	IEEE Xplore
	3	N. Bizon, M. Stork, M. Oproescu	Fuel Cell Hybrid Power Source for Pulsed Current Loads	IEEE Xplore
	4	N. Bizon	Fuel Cell Hybrid Power Source that Operates Efficiently under Dynamic Loads	IEEE Xplore
	5	Daniel Alexandru Visan, Ioan Lita, Marian Raducu	FSK Transmission Circuit for Remote Sensors Integration in Distributed Measurement Systems	IEEE Xplore
	6	Cristian Iulian Rincu, Vasile-Gabriel Iana	A Modified External-Key Cryptosystem for Digital Implementation	IEEE Xplore
	7	Vasile-Gabriel Iana, Petre Anghel (corresponding author), Gheorghe Șerban, Cristian-Iulian Rincu	SHA-1 Cryptographic Algorithm Implemented on FPGA	Scientific Bulletin, Series: Electronics and Computers Science, Revista categoria B+ CNCSIS, Vol. 1/2012 ISSN – 1453 – 1119.
	8	Rodica-Mihaela Teodorescu, I. Liță, D.A. Vișan, B.I. Cioc	Virtual instrumentation applied in texts encryption and decryption	Scientific Bulletin of Electrical Engineering Faculty – 2012, No.1, ISSN 1843-6188, CNCSIS B+
	9	Romeo Badea, Corina Savulescu	Approximation of Current-Voltage Curve from Experimental Data, Using Bézier Functions	IEEE Xplore

10	Ene Alexandru, Anghel Daniel	Java Neural Network Application For The Estimation Of A Workplace Ranking	University of Pitesti, Scientific Bulletin, Series Electronics and Computers Science, Vol 12 /issue 2/2012, ISSN 1453-1119
11	Valeriu IONESCU , Ion SIMA, Adrian Viorel DIACONU, Valentin STAN,	„Security Communications Interoperability Protocol Implementation”, 9th International Conference on Communications COMM 2012, , București, România, 21÷23 June, 2012, pp. 327÷331.	(IEEEExplore – D.O.I.:10.1109/ICComm.2012.6262534, INSPEC A.N.:12932552, ISI Proc.: 74753).
12	Adrian-Viorel DIACONU, Elif Tuba ÇELIK, Ion SIMA, Valeriu IONESCU, Constantin BĂLAN	„HARDWARE IMPLEMENTATION, ON A FPGA, OF GOLAY (23.12.7) ERROR-CORRECTING CODE – FOR USAGE WITHIN WSNs”,	University of Pitesti Scientific Bulletin, Series: Electronics and computers science Vol. 1 / 2012, pg. 25-34, ISSN: 1453-1119
13	Ene Alexandru	Educational software application for the study of the C programming language,	University of Pitesti, Scientific Bulletin, Series Electronics and Computers Science, Vol 12 /issue 1/2012, ISSN 1453-1119
14	Petre Angheliescu	Hardware Implementation of Programmable Cellular Automata Encryption Algorithm	35th International Conference on Telecommunications and Signal Processing, TSP 2012, Praga, Cehia, ISBN: 978–1–4673–1116–8, IEEE Catalog Number: CFP1288P-CDR.
15	G.A. Iordachescu, X.Q. Wu, J. Jacquet	Broad-band laser emission and optical mode-locking of a Fabry-Perot laser formed between two Linearly Chirped Fiber Bragg Gratings, Proceedings of the SPIE 8257, Optical Components and Materials IX, 82570E, San Francisco (California), February, 2012, doi: 10.1117/12.906793	ISI Web of Knowledge, SPIE Digital Library
16	G.A. Iordachescu, J. Jacquet	Design of Bragg gratings having negative group time delay for continuum generation, Proceedings of the SPIE 8255, Physics and Simulation of Optoelectronic Devices XX, 82550U, San Francisco (California), 28 February, 2012, doi: 10.1117/12.909194	ISI Web of Knowledge, SPIE Digital Library
17	Ionescu, L., Anton, C., Tutănescu, I., Mazăre, A., Șerban, G.	Error correction and detection system based on Hopfield networks	Web of Science, Web of Knowledge
18	Anghel Daniel, Ene Alexandru	Ergonomic workstation characterization using neural networks	Scientific Bulletin, AUTOMOTIVE series, Year XVIII, No. 22, Volume B ISSN: 1453-1100 University of PITESTI, 2012
7.	Articole incluse in baze de date indexate cu recunoaștere în domeniul		
Nr.	Autori	Titlul	Baza de date
1	Tutănescu, I., Anton, C., Ionescu, L., Șerban, G., Mazăre, A.	Hybrid error detecting and correcting system using hardware associative memories	SCOPUS
2	Petre Angheliescu	Encryption of Multimedia Medical Content using Programmable Cellular Automata	World Congress on Internet Security, WorldCIS-2012, Ontario, Canada, Print ISBN: 978–1–4673–1108–3, IEEE INSPEC Accession Number: 12948857
3	Șerban, G., Anton, C., Ionescu, L.M., Tutănescu, I., Mazăre, A.	H-ARQ system for real time error detection and correction based on hardware associative memories	SCOPUS

	4	Anton, C., Ionescu, L., Tutanescu, I., Mazare, A., Serban, G.	Using associative memories in coding theory for communication channels	SCOPUS	
	5	Petre Angheliescu	Parallel Algorithms for Matrix Multiplication	2 nd International Conference on Future Computers in Education, ICFCE 2012, Lecture Notes in Information Technology, Vols. 23-24, Shanghai, China, ISBN: 978-1-61275-014-9, ISSN: 2070-1918.	
	6	Anton Constantin, Ionescu Laurentiu, Tutanescu Ion, Mazare Alin, Serban Gheorghe, Oprea Adriana	An Error Detection and Correction System based on Associative Memories	Scopus	
	7	Tutănescu, I., Anton, C., Ionescu, L., Caragață, D.	Elliptic Curves Cryptosystems approaches	SCOPUS	
	8	Rodica-Mihaela TEODORESCU, Ioan LIȚĂ, Daniel Alexandru VIȘAN, Bogdan Ion CIOC	VIRTUAL INSTRUMENTATION APPLIED IN TEXTS ENCRYPTION AND DECRYPTION , Scientific Bulletin of Electrical Engineering Faculty – 2012, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, pag. 6-11, CNCSIS B*,	Index COPERNICUS	
8.	Articole publicate în alte reviste din strainatate / Academie				
	Nr.	Autori	Titlul	Revista	
	1	Petre Angheliescu	Security of Telemedical Applications over the Internet using Programmable Cellular Automata	International Journal of Intelligent Computing Research, IJICR, Volume 3, ISSN: 2042-4655, pag. 245-251	
	2	Constantin Anton, Laurentiu Mihai Ionescu, Ion Tutanescu, Alin Mazare, Gheorghe Serban	Implementation and Analysis of an Error Detection and Correction System on FPGA	International Journal of Intelligent Computing Research (IJICR), Volume 3, Issues 3/4	
	3	Bossoufi, B., Karim, M., Ionita, S., Lagrioui, A.	Nonlinear non adaptive backstepping with sliding-mode torque control approach for PMSM motor,	Journal of Electrical Systems, 8 (2), (2012), pp.236-248.	
9.	Articole publicate in vol. unor manifestări științifice internaționale cu ISBN/ISSN organizate in străinătate de o entitate științifică internațională				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea stiintifica organizatoare
	1	Florin-Marian Birleanu, Ion Candel, Cornel Ioana, Cedric Gervaise, Alexandru Serbanescu, Gheorghe Serban	A vector approach to transient signal processing	Proceedings of the 11th International Conference on Information Science, Signal Processing and their Applications (ISSPA 2012) (ISBN: 978-1-4673-0381-1)	University of Quebec, École de technologie supérieure
	2	M.A. Chiță	Some Aspects Concerning the Experimental Methods Study of the Screen Efficiency in the Domain 1-9 GHz	ICTPE Conferences	Osfold University College, Norway

	3	M.A. Chiță	Electronics System for the Revolutions per Minutes Control of a Continuous Current Motor through PWM in Function of Temperature	ICTPE Conferences	Osfold University College, Norway
	4	Daniel Alexandru Visan, Ioan Lita	Communication circuit with pulse modulation for transmission of signals from sensors	Proceeding , ISSN: 2161-2528, Print ISBN: 978-1-4673-2241-6	ISSE 2012, "Power Electronics", pp. 416 - 419, Digital Object Identifier: 10.1109/ISSE.2012.6273172, http://ieeexplore.ieee.org/ , Department of Applied Electronic Materials (AEM), Institute of Sensor and Actuator Systems, Vienna University of Technology, Bad Aussee, Austria, May 9-13, 2012.
	5	Ioan Lita, Daniel Alexandru Visan	Power Line Communication Module for Distributed Control Systems	Proceeding , ISSN: 2161-2528, Print ISBN: 978-1-4673-2241-6	ISSE 2012, "Power Electronics", pp. 420 - 423, Digital Object Identifier: 10.1109/ISSE.2012.6273172, http://ieeexplore.ieee.org/ .
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	Teodorescu Rodica-Mihaela, Liță Ioan, Radu Dragoș-Gheorghe	Osciloscopul virtual	Volumul simpozionului, ISSN 2285-8407, Editura PIM	Simpozionul Internațional "Universul Științelor"- Ediția a III-a, 8 septembrie 2012, Iași
	2	Teodorescu Rodica-Mihaela	Instrument virtual pentru criptarea și decriptarea unui text	Volumul simpozionului, ISSN 2285-8407, Editura PIM	Simpozionul Internațional "Universul Științelor"- Ediția a III-a, 8 septembrie 2012, Iași
	3	Ioan Lita, Daniel Alexandru Visan	Spherical coordinates control system for accurate orientation of directional antennas	Proceeding, ISBN: 978-1-4673-4757-0	SIITME 2012, pp.237-240, Digital Object Identifier: 10.1109/SIITME.2012.6384383,
	4	Daniel Alexandru Visan, Ioan Lita, Marian Raducu	FSK Transmission Circuit for Remote Sensors Integration in Distributed Measurement Systems	Proceeding, ISBN: 978-1-4673-4757-0	SIITME 2012, pp.237-240, Digital Object Identifier: 10.1109/SIITME.2012.6384383,
	5	Chiță, M.A..	Electronics system for the revolution per minutes control of a continuous current motor through PWM in function of temperature	The International Conference Education and Creativity for Knowledge-based Society, Computer Science, 6 th Edition, Osterlichts Rumanischer Acamedischer Verein, 2012, ISBN 978-3-9501345-5-7, pp. 25-29	Osterlichts Rumanischer Acamedischer Verein
11.	Articole publicate in volume/reviste ale unor manifestari stiintifice/periodice din strainatate/tara				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea stiintifica organizatoare
	1	M.A. Chiță	Intelligent Sensor of Temperature with function of programmable thermostat	Revista EEA	Institutul de Cercetare și Proiectare în Electronică

	2	M.A. Chiță	Unele aspecte cu privire la modalitățile de evaluare și exprimare a incertitudinii de măsurare	Revista de Metrologie	Institutul Național de Metrologie
	3	M.A. Chiță	Unele aspecte cu privire la modalitățile de evaluare și exprimare a incertitudinii de măsurare	Revista de Metrologie	Institutul Național de Metrologie
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 Anghelescu	UEFISCDI	
14.	Brevet de invenție				
	Nr.	Autori	Titlul	Anul	
	1	Ionita Silviu	Circuit electronic și metodă pentru generarea funcțiilor de apartenență în sistemele fuzzy	2012	
15.	Citări în reviste cotate ISI (fără autocitări – din ISI Web of Knowledge)				
		Lucrarea citată + revista	Lucrarea care citează + revista		
	1	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2010.04.007 On tracking robustness in adaptive extremum seeking control of the fuel cell power plants, Applied Energy 87 (2010) 3115–3130	Title: Fuel cell Plug-in Hybrid Electric Vehicle anticipatory and real-time blended-mode energy management for battery life preservation Author(s): Kelouwani, Sousso; Agbossou, Kodjo; Dube, Yves; et al. Source: JOURNAL OF POWER SOURCES Volume: 221 Pages: 406-418 DOI: 10.1016/j.jpowsour.2012.08.016 Published: JAN 1 2013		
	2	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2010.04.007 On tracking robustness in adaptive extremum seeking control of the fuel cell power plants, Applied Energy 87 (2010) 3115–3130	Title: Two-Layer Energy-Management Architecture for a Fuel Cell HEV Using Road Trip Information Author(s): Kelouwani, Sousso; Henao, Nilson; Agbossou, Kodjo; et al. Source: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY Volume: 61 Issue: 9 Pages: 3851-3864 DOI: 10.1109/TVT.2012.2214411 Published: NOV 2012		
	3	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2010.04.007 On tracking robustness in adaptive extremum seeking control of the fuel cell power plants, Applied Energy 87 (2010) 3115–3130	Title: Power management based on sliding control applied to fuel cell systems: A further step towards the hybrid control concept Author(s): Segura, Francisca; Manuel Andujar, Jose Source: APPLIED ENERGY Volume: 99 Pages: 213-225 DOI: 10.1016/j.apenergy.2012.04.047 Published: NOV 2012		
	4	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2010.04.007 On tracking robustness in adaptive extremum seeking control of the fuel cell power plants, Applied Energy 87 (2010) 3115–3130	Title: Online System Identification and Adaptive Control for PEM Fuel Cell Maximum Efficiency Tracking Author(s): Kelouwani, Sousso; Adegnon, Kokou; Agbossou, Kodjo; et al. Source: IEEE TRANSACTIONS ON ENERGY CONVERSION Volume: 27 Issue: 3 Pages: 580-592 DOI: 10.1109/TEC.2012.2194496 Published: SEP 2012		

5	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2010.04.007 On tracking robustness in adaptive extremum seeking control of the fuel cell power plants, Applied Energy 87 (2010) 3115–3130	Title: A Novel Approach for Robust Maximum Power Point Tracking of PEM Fuel Cell Generator Using Sliding Mode Control Approach Author(s): Abdi, Sh.; Afshar, K.; Bigdeli, N.; et al. Source: INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE Volume: 7 Issue: 5 Pages: 4192-4209 Published: MAY 2012
6	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2010.04.007 On tracking robustness in adaptive extremum seeking control of the fuel cell power plants, Applied Energy 87 (2010) 3115–3130	Title: Experimental performance assessment of an online energy management strategy for varying renewable power production suppression Author(s): Erdinc, O.; Elma, O.; Uzunoglu, M.; et al. Source: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: 37 Issue: 6 Pages: 4737-4748 DOI: 10.1016/j.ijhydene.2011.12.042 Published: MAR 2012
7	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2011.01.044 Nonlinear control of fuel cell hybrid power sources: Part II - Current control , APPLIED ENERGY Volume: 88 Issue: 7 Pages: 2574-2591 DOI: 10.1016/j.apenergy.2011.01.044 Published: JUL 2011	Title: Power management based on sliding control applied to fuel cell systems: A further step towards the hybrid control concept Author(s): Segura, Francisca; Manuel Andujar, Jose Source: APPLIED ENERGY Volume: 99 Pages: 213-225 DOI: 10.1016/j.apenergy.2012.04.047 Published: NOV 2012
8	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2011.01.044 Nonlinear control of fuel cell hybrid power sources: Part II - Current control, APPLIED ENERGY Volume: 88 Issue: 7 Pages: 2574-2591 DOI: 10.1016/j.apenergy.2011.01.044 Published: JUL 2011	Title: A new control strategy for hybrid fuel cell-battery power systems with improved efficiency Author(s): Chao, Chung-Hsing; Shieh, Jenn-Jong Source: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: 37 Issue: 17 Pages: 13141-13146 DOI: 10.1016/j.ijhydene.2012.03.143 Published: SEP 2012
9	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2011.01.030 Nonlinear control of fuel cell hybrid power sources: Part I –Voltage control, Applied Energy 88 (2011) 2559–2573	Title: A new control strategy for hybrid fuel cell-battery power systems with improved efficiency Author(s): Chao, Chung-Hsing; Shieh, Jenn-Jong Source: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: 37 Issue: 17 Pages: 13141-13146 DOI: 10.1016/j.ijhydene.2012.03.143 Published: SEP 2012
10	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2011.01.030 Nonlinear control of fuel cell hybrid power sources: Part I –Voltage control, Applied Energy 88 (2011) 2559–2573	Title: Power management based on sliding control applied to fuel cell systems: A further step towards the hybrid control concept Author(s): Segura, Francisca; Manuel Andujar, Jose Source: APPLIED ENERGY Volume: 99 Pages: 213-225 DOI: 10.1016/j.apenergy.2012.04.047 Published: NOV 2012
11	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2011.01.030 Nonlinear control of fuel cell hybrid power sources: Part I –Voltage control, Applied Energy 88 (2011) 2559–2573	O. Erdinc, O. Elma, M. Uzunoglu, U.S. Selamogullari, B. Vural, E. Ugur, A.R. Boynuegri, S. Dusmez, Experimental performance assessment of an online energy management strategy for varying renewable power production suppression, International Journal of Hydrogen Energy 37 (6), pp. 4737–4748, http://dx.doi.org/10.1016/j.ijhydene.2011.12.042 ,
12	Nicu Bizon, http://dx.doi.org/10.1016/j.apenergy.2011.01.030 Nonlinear control of fuel cell hybrid power sources: Part I –Voltage control, Applied Energy 88 (2011) 2559–2573	Fernando A. Inthamoussou, Ricardo J. Mantz, Hernán De Battista, Flexible power control of fuel cells using sliding mode techniques, J Power Source 205, 1 May 2012, pp 281–289 http://dx.doi.org/10.1016/j.jpowsour.2012.01.012 ,

13	Nicu Bizon, http://dx.doi.org/10.1016/j.jpowsour.2010.11.049 N. Bizon, A new Topology of Fuel Cell Hybrid Power Source for Efficient Operation and High Reliability, Journal of Power Sources 196(6) (2011) 3260–3270	O. Erdinc, O. Elma, M. Uzunoglu, U.S. Selamogullari, B. Vural, E. Ugur, A.R. Boynuegri, S. Dusmez, Experimental performance assessment of an online energy management strategy for varying renewable power production suppression, International Journal of Hydrogen Energy 37 (6), pp. 4737–4748, http://dx.doi.org/10.1016/j.ijhydene.2011.12.042 ,
14	Nicu Bizon, http://dx.doi.org/10.1016/j.jpowsour.2010.11.049 N. Bizon, A new Topology of Fuel Cell Hybrid Power Source for Efficient Operation and High Reliability, Journal of Power Sources 196(6) (2011) 3260–3270	A. Tascikaraoglu, M. Uzunoglu, B. Vural, The assessment of the contribution of short-term wind power predictions to the efficiency of stand-alone hybrid systems, Applied Energy 94, pp 156–165, http://dx.doi.org/10.1016/j.apenergy.2012.01.017
15	Nicu Bizon, http://dx.doi.org/10.1016/j.jpowsour.2010.11.049 N. Bizon, A new Topology of Fuel Cell Hybrid Power Source for Efficient Operation and High Reliability, Journal of Power Sources 196(6) (2011) 3260–3270	Thounthong, P.; Control of a Three-Level Boost Converter Based on a Differential Flatness Approach for Fuel Cell Vehicle Applications , IEEE Transactions on Vehicular Technology , 99, pp. 1-10, Doi: 10.1109/TVT.2012.2183628
16	Gabriel V. Iana, Gheorghe Serban, Petre Angheliescu, Laurentiu Ionescu, "Optimization of Sigma-Delta Modulator Based on Artificial Immune Algorithms", 12 th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010, ISBN: 978-1-4244-7020-4, pag. 1010 – 1015, Brasov, 20-22 May 2010.	Bruckner, T., Lorenz, M., Zorn, C., Becker, J., Mathis, W., Ortmanns, M., <i>Hardware-Accelerated Simulation Environment for CT Sigma-Delta Modulators Using an FPGA</i> , Circuits and Systems II: Express Briefs, IEEE Transactions on, Volume 59, Issue 8, pp 471-475, August 2012. (citare ISI)
17	Petre Angheliescu, Silviu Ionita, Emil Sofron, „Block Encryption Using Hybrid Additive Cellular Automata”, The 7 th International Conference on Hybrid Intelligent Systems, HIS 2007, IEEE Computer Society Press, Library of Congress Number 2007936727, Product Number E2946, ISBN 0-7695-2946-1, Kaiserslautern – Germania, 17–19 septembrie 2007, pp. 132-137, 2007.	V MNSSVKR GUPTA, K.V.S. MURTHY, D.R.A. YESU BABU, R SHIVA SHANKAR, <i>AN EFFICIENT IMPLEMENTATION OF LRCA SCHEME FOR ENCRYPTION/DECRYPTION</i> , Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622 Vol. 2, Issue 2, pp. 001-013, Mar-Apr 2012. (citare Google Scholar)
18	Petre Angheliescu, Silviu Ionita, Emil Sofron, „Block Encryption Using Hybrid Additive Cellular Automata”, The 7 th International Conference on Hybrid Intelligent Systems, HIS 2007, ISBN 0-7695-2946-1, Kaiserslautern – Germania, 17–19 septembrie 2007, pp. 132-137, 2007.	Surendra Kumar Nanda, Pranati Rautaray & Santosh Kumar Mohapatra, <i>A RCA Approach to Design Cryptographic Algorithm</i> , International Journal on Advanced Computer Theory and Engineering (IJACTE), ISSN (Print): 2319 – 2526, Volume-1, Issue-1, pp 23-28, 2012. (citare Google Scholar)
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