

SISTEME INTEGRATE DE CONVERSIE A ENERGIEI ȘI CONDUCERE AVANSATĂ A PROCESELOR COMPLEXE (SICECAPC)

ANEXA 1

Lucrări publicate în reviste cotate ISI.

Nr. crt.	Titlu articol*	Nume, prenume autor(i) articol	Revista/Volum ISI Proceedings	Tip**	ISSN	Cod DOI (Digital Object Identifier) / WOS
1	Multiprocesor visual servoing system for mobile robots servicing mechatronic lines	Petrea George Nicolau Viorel Andrei Mihaela	IEEE 23rd Int. Symposium for Design and Technology in Electronic Packaging (SIITME),	3	978-1-5386-1626-0	DOI:10.1109/SIITME.2017.8259869
2	Solar cooling - comparative study between thermal and electrical use in industrial buildings	N Badea, G V Badea, A Epureanu, G Frumușanu	IOP Conference Series: Materials Science and Engineering	1	ISSN: 1757-8981	DOI: 10.1088/1757-899X/145/2/022027/WOS:000396437600027
3	Energy-optimal programming and scheduling of the manufacturing	N Badea, A Epureanu, G Frumușanu	IOP Conference Series: Materials Science and Engineering	1	ISSN: 1757-8981	DOI: 10.1088 /1757-899X/145/2/022028/WOS:000396437600028
4	ECONOMIC EFFICIENCY COMPUTING FOR FAILURE - TOLERANT TECHNICAL SYSTEMS USING ARTIFICIAL INTELLIGENCE	Dumitrescu Mariana	Proceedings of the 16th International Conference on INFORMATICS in ECONOMY (IE 2017) Education, Research & Business Technologies	3	ISSN: 2247 - 1480	WOS:000418463600076

5	Urban Cycle Simulator for Electric Vehicles Applications	Gaiceanu, Marian; Buhosu, Razvan; Statescu, Sorin	3RD INTERNATIONAL CONGRESS ON ENERGY EFFICIENCY AND ENERGY RELATED MATERIALS (ENEFM2015) Book Series: Springer Proceedings in Energy	3	ISSN: 2352-2534	DOI: 10.1007/978-3-319-45677-5_6/WOS:000405208700006
6	Optimal Control of the DC Motors with Feedforward Compensation of the Load Torque	Gaiceanu, Marian	3RD INTERNATIONAL CONGRESS ON ENERGY EFFICIENCY AND ENERGY RELATED MATERIALS (ENEFM2015) Book Series: Springer Proceedings in Energy	3	ISSN: 2352-2534	DOI: 10.1007/978-3-319-45677-5_4/WOS:000405208700004
7	Photovoltaic Power Conversion System as a Reserve Power Source to a Modern Elevator	Gaiceanu, Marian; Nichita, Cristian; Statescu, Sorin	3RD INTERNATIONAL CONGRESS ON ENERGY EFFICIENCY AND ENERGY RELATED MATERIALS (ENEFM2015) Book Series: Springer Proceedings in Energy	3	ISSN: 2352-2534	DOI: 10.1007/978-3-319-45677-5_5/WOS:000405208700005
8	Experimental prototype of an electric elevator	Găiceanu Marian, Epure Silviu, Ciuta Ștefan	IOP Conference Series: Materials Science and Engineering	1	ISSN: 1757-8981	DOI: 10.1088/1757-899X/145/4/042027, WOS:000396437600079, IDS Number: BH0TA
	<i>* (1) Revista cotate WOS; (2) Revista indexata WOS; (3) ISI Proceedings</i>					

8.1.2 Factor de impact cumulat al lucrărilor cotate ISI

1. Vlad Ciprian, Barbu Marian, Vilanova Ramon, Intelligent control of a distributed energy generation system based on renewable sources, Sustainability Journal, ISSN: 2071-1050, 2016, Factor impact: 1.343 raportat in 2016 - Factor impact real in 2016 : 1.789 → diferența de factor de impact = 0.446
<http://www.mdpi.com/journal/sustainability/stats>

8.1.4 Lucrări științifice/tehnice in reviste indexate în baze de date internaționale

Nr. crt.	Titlu lucrare	Nume, prenume autor(i) lucrare	Denumire volum conferință cotate ISI	Link-ul la site-ul conferinței*
1	Machine Learning Techniques for Image Recognition Applications	G. Ciubucciu, R. Solea, A. Filipescu	The Annals of "Dunarea de Jos" University of Galati, Fascicle III, Vol. 40, No. 2, ISSN 2344-4738; Electrotechnics, Electronics, Automatic Control, Informatics DOAJ	https://doaj.org/toc/1221-454X
2	LOW-POWER AC LOADS AND ELECTRICAL POWER QUALITY	EPURE S., VLAD C., MUNTEANU T	JOURNAL OF SUSTAINABLE ENERGY VOL. 7 Index Copernicus	https://journals.indexcopernicus.com/search/journal/issue?issuelid=all&journalJmld=9317
3	Real Time Compensation of the Load Torque for DC Drive System	Gaiceanu, Marian; Buhosu, Razvan; Epure, Silviu; Solea, Razvan; Dache, Cristinel	Analele Universitatii 'Eftimie Murgu' . 2017, Vol. 24 Issue 1, p141-148 Index Copernicus	https://journals.indexcopernicus.com/search/details?jmlid=1307&org=Analele%20Universitatii%20%Eftimie%20Murquandquot%20Resita%20Fascicula%20de%20Inginerie.p1307.3.html

4	Prototype of an Electric Drive Elevator	M. Gaiceanu, / S. Epure/ C. R. Dache, / S. Ciuta	The Scientific Bulletin of Electrical Engineering Faculty 17 (1), 1-5 Degruyter	https://www.degruyter.com/view/j/sbeef.ahead-of-print/sbeef-2016-0024/sbeef-2016-0024.xml
5	Parameters Identification of the Three-Phase Squirrel-Cage Induction Motor	Marian Gaiceanu, Razvan Buhosu	Acta Materialia Turcica, 2017, Volume: 1 Issue: 1 Dergipark	http://dergipark.gov.tr/actamat/issue/33510/358644
6	Parameters Identification of the Three-Phase Wound-Rotor Induction Machine	Marian Gaiceanu, Bogdan Codres, Razvan Buhosu	Acta Materialia Turcica, 1 (1) Dergipark	http://dergipark.gov.tr/actamat/issue/33510/358633
7.	Gain Scheduling Controller Design for Wind Systems Using a Data Driven Algorithm,	Adriana Burlibaşa, Marian Barbu, Emil Ceangă	Renewable Energy	2017 Elsevier,
8.	Evaluarea robusteții structurilor de control ale sistemelor eoliene la rafale extreme de vânt.	Adriana Burlibasa, Marian Barbu, Emil Ceanga	ZASTR 2017	http://univ-ovidius.ro/zastr2017/docs/Programul%20ZASTR%202017.pdf , Editura AGIR PROCEEDINGS „Zilele Academice ale ASTR”, ediția a XII-a 2017, ISSN 2066-6586, https://www.astr.ro/activitati-si-evenimente/zilele-academice-ale-academiei-de-stiin%C8%9Be-tehnice-din-rom%C3%A2nia

8.1.5 Comunicări științifice prezentate la conferințe internaționale

1.	1. George Ciubucciu, Razvan Solea, Adrian Filipescu, Adriana Filipescu, "Visual Servoing and Obstacle Avoidance Method based Control Autonomous Robotic Systems Servicing a Mechatronics Manufacturing Line", Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS) 21-23, Sep, 2017 Bucharest Vol. 2, pp. 874- 879, 20EEE Catalog number: CFP17803-USB, ISBN 978-1-5386-0697-1/17/\$31.00 ©2017 IEEE.
2.	2. Filipescu Adrian, Minca Eugenia, Cernega Daniela, Filipescu Adriana, Solea Razvan, SHPN Models Based Simulation and Control of Mobile Robotic Systems Integrated into A/DML Proceedings of the 21th IEEE, International Conference on System Theory, Control and Computing, ICSTCC2017 19-21, Oct. Sinaia, 2017, pp. 320-325, ISBN: 978-1-5386-3841-5.
3.	3. Filipescu Adrian, Solea Razvan, Petrea George, Cernega Daniela, Filipescu Adriana, Ciubucciu George, SHPN Modelling, Visual Servoing and Control of WMR with RM Integrated into P/RML, Proceedings of the 21th IEEE, International Conference on System Theory, Control and Computing, ICSTCC2017 19-21, Oct. Sinaia, 2017, pp. 230-235 ISBN: 978-1-5386-3841-5.
4.	1. Silviu Epure, Ciprian Vlad, Romeo Păduraru, Marian Barbu, INTELSIS–Photovoltaic Test Bench. First Experimental Results, 22nd IEEE International Conference on Emerging Technologies And Factory Automation - ETFA 2017, WIP 5: Industrial Control, 12-15 September, Limassol, Cyprus, 2017
5.	2. Ciprian Vlad, Romeo Păduraru, Silviu Epure, Marian Barbu, Cristinel Dache, Cristian Victor Lungu, PV emulation under commercially available programmable DC voltage source, The 5th International Symposium On Electrical And Electronics Engineering – ISEEE 2017, 20-22 October, Galati, Romania, 2017
6.	3. Silviu Epure, Ciprian Vlad, Romeo Păduraru, Hardware configuration of DC-DC converter for renewable energies conversion, The 5th International Symposium On Electrical And Electronics Engineering – ISEEE 2017, Special session 3 – Power Electronics and Renewable Energy, 20-22 October, Galati, Romania, 2017
7.	4. Ciprian Vlad, Emil Ceangă, Marian Barbu, Ramon Vilanova, Prediction Techniques in Control of Energy Micro-Systems Based on Renewable Sources, 21st International Conference on System Theory, Control and Computing (ICSTCC), October 19 – 21, Sinaia, Romania, 2017
8.	1. Trends for intelligent power system technical evolution – Autori: Mariana Dumitrescu; Gelu Gurguiatu; Toader Munteanu; Daniel Balanuta, 2017 5th International Symposium on Electrical and Electronics Engineering (ISEEE)
9.	Ion Voncilă, Ion Paraschiv, Mădălin Costin, Mihai Lucian Voncilă - Behavior of switched reluctance motors with saturated cores during load operation. Fractal analysis – 2017 5th International Symposium on Electrical and Electronics Engineering (ISEEE 2017), 20-22 October 2017, Galați, Romania, http://ieeexplore.ieee.org/document/8170643/ DOI: 10.1109/ISEEE.2017.8170643, INSPEC Accession Number: 17417568
10.	S. Ivas, M. Costin, Analytic modeling of electrothermal interaction of surface progressive heating by electromagnetic induction, Published in: Electrical and Electronics Engineering (ISEEE), 2017 5th International Symposium on, 20-22 Oct. 2017, Conference Location: Galati, Romania. http://www.iseee.ugal.ro/2017/
11.	1. Frumusanu, G. ; Afteni, C Badea, N. Epureanu, A. Method for energy-efficient planning of the industrial processes - Innovative Manufacturing Engineering & Energy 24-27 May Iasi Romania
12.	2. G V Badea, . N Badea, A Epureanu, G Frumușanu Energy efficiency regulation for industrial products and manufacturing.-Innovative Manufacturing Engineering & Energy 24-27 May Iasi Romania
13.	3. Frumusanu, G. ; Afteni, C Badea, N. Epureanu, A. Energy-efficiency based classification of the manufacturing workstation- Modern Technologies in Industrial Engineering (Motech 2017) 14-17 iunie 2017 Sibiu

14.	<p>2. Micro-Networks Technical Approaches - AC versus DC Supply - Consumers Testing Mariana Dumitrescu, Electrical and Electronics Engineering (ISEEE), 2017 5th International Symposium on, Date of Conference: 20-22 Oct. 2017, Date Added to IEEE <i>Xplore</i>: 11 December 2017, DOI: 10.1109/ISEEE.2017.8170698 , Publisher: IEEE http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8125502 http://ieeexplore.ieee.org/document/8170702/</p>
15.	<p>3.ECONOMIC EFFICIENCY COMPUTING FOR FAILURE - TOLERANT TECHNICAL SYSTEMS USING ARTIFICIAL INTELLIGENCE Mariana DUMITRESCU The 16th International Conference on Informatics in Economy , Bucharest, May 2017, Proceedings of the 16th International Conference on INFORMATICS in ECONOMY (IE 2017) Education, Research & Business Technologies, ISSN: 2247 – 1480, pag 483- 489 http://apps.webofknowledge.com/Search.do?product=WOS&SID=F47mF48K2SjNdhgprfn&search_mode=GeneralSearch&prID=d734e9c2-5a6d-45c8-b418-07fcd78204c3</p>
16.	<p>1. Laboratory power inverter platform for variable speed drive M Gaiceanu, S Epure, CR Dache, R Buhosu, I Ghenea, C Vidan 2017 5th International Symposium on Electrical and Electronics Engineering ... Electronic ISBN: 978-1-5386-2059-5 USB ISBN: 978-1-5386-2058-8 Print on Demand(PoD) ISBN: 978-1-5386-2060-1 INSPEC Accession Number: 17417531 DOI: 10.1109/ISEEE.2017.8170689 Publisher: IEEE</p>
17.	<p>2. Complete regenerative distributed drive system M Gaiceanu, R Buhosu, I Ghenea, C Vidan 2017 5th International Symposium on Electrical and Electronics Engineering ... Electronic ISBN: 978-1-5386-2059-5 USB ISBN: 978-1-5386-2058-8 Print on Demand(PoD) ISBN: 978-1-5386-2060-1 INSPEC Accession Number: 17417504 DOI: 10.1109/ISEEE.2017.8170687 Publisher: IEEE</p>

Cărți / capitole de cărți publicate în edituri naționale 2017

Nr. crt.	Tipul*	Titlu**	Autori	Editura	Număr de pagini
1	1	Materiale electrotehnice – note de curs	Gurguiatu Gelu, Munteanu Toader, Bălănuță Daniel Ciprian, Dușa Alexandru	Galați University Press	177
2	1	Teoria circuitelor electrice. Probleme	Ivas Sergiu, Costin Mădălin	Editura Fundației Universitare "Dunărea de Jos", Galați	203
3	1	Contribuții la sinteza optimă a mașinilor electrice de curent alternativ	Mădălin Costin, Ion Voncilă	Editura Fundației Universitare "Dunărea de Jos", Galați	120
4	1	Managementul eficient al instalațiilor de tratare a apelor uzate	Vlad Ciprian	Galați University Press	106
5	1	ÎNTREBĂRI ȘI RĂSPUNSURI PENTRU AUTORIZARE ELECTRICIENI GRADELE IIIA ȘI IVA	Bălănuță Ciprian Daniel, Bălănuță Elena, Gurguiatu Gelu, Dușa Alexandru	Galați University Press	208
6	1	Elemente de Inginerie Electrică	Mădălin Costin, M. Oancă	Editura Fundației Universitare "Dunărea de Jos", Galați	200

7	1	Sisteme de conversie electrotermică. Îndrumar de laborator	Mădălin Costin, I. Dobrotă	Editura Fundației Universitare "Dunărea de Jos", Galați	150
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** (1) carte; (2) capitol*

*** Pentru capitole se va nominaliza titlul cartii în care a aparut capitolul și editorii*

Cărți / capitole de cărți publicate în edituri internaționale 2017

Nr. crt.	Tipul*	Titlu**	Autori	Editura	Număr de pagini
1	2	Design, Control and Applications of Mechatronic Systems in Engineering, Editor Prof. Sahin Yildirim , Capitol: Marian Gaiceanu, Embedded Control of the DC Drive System for Education	Gaiceanu Marian	InTech, DOI: 10.5772/67461	26
2	2	Recent Developments on Power Inverters, Editor: Dr. Ali Saghafinia , Capitol: Marian Gaiceanu (2017). Real-Time Implementation of the Advanced Control of the Three-Phase Induction Machine Based on Power Inverters	Gaiceanu Marian	InTech, DOI: 10.5772/intechopen.68217	21

** (1) carte; (2) capitol*

*** Pentru capitole se va nominaliza titlul cartii în care a aparut capitolul și editorii*

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