UNIVERSITATEA "DUNĂREA DE JOS" DIN GALAŢI

Facultatea Automatică, Calculatoare, Inginerie Electrică și Electronică

Departamentul Automatică și Inginerie Electrică

Candidat pentru abilitare conducere de doctorat

Domeniul fundamental: Științe Inginerești

Domeniul de doctorat: Inginerie Electrică

Punctaj Găiceanu Marian conform cerințelor Anexei nr. 3 – Comisia Inginerie Electrică la Ordinul nr. 4204/2013 publicată în Monitorul Oficial al României, partea I, nr. 440/18.VII.2013

FIŞA DE VERIFICARE
A ÎNDEPLINIRII STANDARDELOR MINIMALE
pentru obţinerea atestatului de abilitare, conform criteriilor CNATDCU pentru domeniul Inginerie Electrică

I. DATE DESPRE PERSONAL DIDACTIC

NUME: **Găiceanu**
PRENUME **Marian**
CNP: **1680721170342**
Postul pentru care candidează: Abilitare c**onducere doctorat**
Departamentul: **Automatică și Inginerie Electrică**
Facultatea: **Facultatea Automatică, Calculatoare, Inginerie Electrică și Electronică**

II. DATE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE

1.DOCTORAT
Doctor **în domeniul de doctorat Științe Inginerești/ Inginerie electrica** Confirmat prin O.M.E.C. **4198 din 29.07.2002**

(1) Condiţii minimale:

A1. Activitatea didactică / profesională. Minim prevăzut:	**80 pct.**	Realizat: **486.09 pct.**
A2. Activitatea de cercetare. Minim prevăzut:	**300 pct.**	Realizat: **1341.99pct.**
A3. Recunoaşterea impactului activităţii. Minim prevăzut:	**60 pct.**	Realizat: **2200.25 pct.**
Total (A). Minim prevăzut:	**440 pct.**	Realizat: **4028.33 pct.**

(2) Condiţii minimale obligatorii pe subcategorii

A1.1.1 Cărți și capitole în cărți de specialitate. Minim prevăzut:	**4**	Realizat: **5.**
A1.1.2 Cărţi/capitole de cărţi ca editor/coordonator. Minim prevăzut:	**-**	Realizat: **16.**
A1.2.1 Suport de curs inclusiv electronic. Minim prevăzut:	**2**	Realizat: **4.**
A1.2.2 Lucrări didactice. Minim prevăzut:	**2**	Realizat: **6.**
A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings. Minim prevăzut:	**8**	Realizat: **33.**

A2.2 Articole în reviste și manifestări științifice idexate în BDI. Minim prevăzut: **16.** Realizat: **71.**

A2.3.1 Granturi/proiecte câștigate prin competiție (Director/responsabil). Minim prevăzut: **2**
Realizat: **6.**

31.08.2016 Prof.univ.dr.ing. Marian Găiceanu

Universitatea "Dunărea de Jos" din Galaţi

Domeniul fundamental: Ştiinţe Inginereşti

Comisia CNATDCU: Inginerie Electrică

Fişa de calcul şi de susţinere a îndeplinirii standardelor minimale specifice domeniului

[Profesor - OMEN 4204 / 2013, MO, PI, 440 / 18.VII.2013]

Prof. dr. ing. Marian Găiceanu

Condiţii minimale (A)				
Nr. crt.	**Domeniul de activitate**	**Minim prevăzut**	**Realizat**	**Criteriu**
A1	Activitatea didactică / profesională (A1)	80 puncte	486.09	Îndeplinit
A2	Activitatea de cercetare (A2)	300 puncte	1341.99	Îndeplinit
A3	Recunoaşterea impactului activităţii (A3)	60 puncte	2200.35	Îndeplinit
TOTAL (A)		**Minimum 440 puncte**	4028.33	Îndeplinit

Condiţii minimale obligatorii pe subcategorii			
Nr. crt.	**Domeniul de activitate**	**Minim prevăzut**	**Realizat**
A1.1.1	Cărţi cu ISBN/capitole ca autor didactice sau monografii	4	5
A1.1.2	Cărţi/capitole de cărţi ca editor/coordonator	-	16
A1.2.1	Suport de curs inclusiv electronic	2	4
A1.2.2	Îndrumare de laborator/aplicaţii Lucrări didactice	2	6
A1.3	Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS etc.)	-	20
A2.1	Articole in extenso în reviste cotate şi în volume proceedings indexate ISI Thomson-Reuters	8	33
A2.2	Articole în reviste și manifestări științifice indexate în BDI	16	71
A2.3.1	Granturi/proiecte câstigate prin competiție (Director/responsabil)	2	6
A2.4	Contracte de cercetare/consultanţă (valoare echivalentă de minimum 2 000 euro)	-	-

Candidat,

Prof. dr. ing. Marian Găiceanu

Tabel privind structura activității

Candidat: Prof.dr.ing. Marian Găiceanu

Domeniu	Categorie	Subcategorie	Realizare	Nr. puncte
A1 **(minim 80 puncte)**	Carti/ capitole cărti speciali-tate cu ISBN **(minim 4)**	A1.1.1 **(minim 4)**	A1.1.1.1	
			1. Marian Gaiceanu (2014). Tool of the Complete Optimal Control for Variable Speed Electrical Drives, MATLAB Applications for the Practical Engineer, Mr Kelly Bennett (Ed.), ISBN: 978-953-51-1719-3, InTech, DOI: 10.5772/57521. Available from: http://www.intechopen.com/books/matlab-applications-for-the-practical-engineer/tool-of-the-complete-optimal-control-for-variable-speed-electrical-drives, pp339-374 (36 pag) **Tool of the Complete Optimal Control for Variable Speed Electrical Drives** by Marian Gaiceanu Downloadable archival material Language: English Publisher: InTech 2014-09-08 Database: WorldCat	36/(2*1)= 18

			Marian Gaiceanu, Chapter Details Chapter Title: **Optimal Control of the DC Motors with Feedforward Compensation of the Load Torque**, , Series Title : Springer Proceed. in Energy, © Springer Book Title : 3rd International Congress on Energy Efficiency and Energy Related Materials (ENEFM2015) Book Subtitle : Proceedings, Oludeniz, Fethiye/Mugla, Turkey, October 19-23, 2015 ISBN : Chapter DOI	12/(2*1)= 0
			Marian Gaiceanu, Cristian Nichita, Sorin Statescu, Chapter Details Chapter Title **Photovoltaic Power Conversion System as a Reserve Power Source to a Modern Elevator**, Series Title : Springer Proceed. in Energy, © Springer Book Title : 3rd International Congress on Energy Efficiency and Energy Related Materials (ENEFM2015) Book Subtitle : Proceedings, Oludeniz, Fethiye/Mugla, Turkey, October 19-23, 2015 ISBN : Chapter DOI	12/(3*1)= 0
			2. M.Gaiceanu, **MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration**, capitol in MATLAB - A Fundamental Tool for Scientific Computing and Engineering Applications - Volume 3, Edited by Vasilios N. Katsikis, ISBN 978-953-51-0752-1, Hard cover, 484 pages, Publisher: InTech, DOI: 10.5772/3339, pp (32pag) **MATLAB** by Marian Gaiceanu Book : Document Computer File Language: English Publisher: INTECH Open Access Publisher, 2012. Database: WorldCat **MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration** by Marian Gaiceanu Downloadable archival material Language: English Publisher: InTech 2012-09-26 Database: WorldCat • View Now	32/(2*1)= 16
			A1.1.1.2 3. **Marian GĂICEANU,.** Optimizarea sistemelor de acţionare electrică / conf. dr. ing. Găiceanu Marian., - Galaţi : Galaţi University Press, 2009, ISBN 978-606-8008-45-5, CIP 2010-00196, nr. Pagini 198	198/(5*1) =39.6

			4. **Marian GAICEANU**, *Reglarea optimala a sistemelor electromecanice*, Editura Didactica si Pedagogica, Bucuresti, CIP 519.863.681.587.72 (075.8), ISBN 973-30-1877-5, 244 pg., 2004;	244/(5*1) =48.8
			5. Mina Emil Rosu, Ion Bivol, Cristian Nichita, **Marian Gaiceanu**, *Optimizarea energetica a sistemelor de conversie electromecanica*, Editura Tehnica, Bucuresti, CZU 62-83, Coli de tipar:18, ISBN 973-31-1329-8, 276 pg.,1999 (65 pagini contributie proprie). **Optimizarea energetica a sistemelor de conversie electromecanica** by Mina Emil Rosu; Ion Bivol; Cristian Nichita; Marian Găiceanu; book_printbook Language: Romanian Publisher: Bucuresti : Editura Tehnica, 1999. Database: WorldCat	276/(5*4) =13.8
		A1.1.2	1. 2013 ISEEE, IEEEXplore Electrical and Electronics Engineering (ISEEE), 2013 4th International Symposium on, **IEEE Catalog Number: CFP1393K-POD ISBN: 978-1-4799-2443-1,** http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6662537, Editor sef, indexata ISI **ISEEE-2013 : 2013 4th International Symposium on Electrical and Electronics Engineering (ISEEE) October 11-13, 2013, Galaţi, Romania** by Marian Găiceanu; Universitatea Dunărea de Jos Galaţi. Facultatea de Automatică, Calculatoare, Inginerie Electrică şi Electronică,; eBook : Document : Conference publication Language: English Publisher: Piscataway, NJ : IEEE, [2013] ©2013 Database: WorldCat	332/(3*178)=0.62
			2. The Annals of Dunarea de Jos University of Galati, vol 39, no1-2016:, ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 30 pagini	30/(3*10) =1
			3. The Annals of Dunarea de Jos University of Galati, vol 38, no1-2015:, ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 33 pagini	33/(3*10) =1,1
			4. The Annals of Dunarea de Jos University of Galati, vol 37, no1-2014:, ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 33 pagini	33/(3*11) =1
			5. The Annals of Dunarea de Jos University of Galati, vol 36, no1-2013:, ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 49 pagini	49/(3*16) =1.02
			6. The Annals of Dunarea de Jos University of Galati, vol 36, no2-2013: ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 42 pagini	42/(3*16) =0.875
			7. The Annals of Dunarea de Jos University of Galati, vol 35, no1-2012: ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 49 pagini	49/(3*12) =1.36

			8. The Annals of Dunarea de Jos University of Galati, vol 35, no2-2012: ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 61 pagini	61/(3*15) =1.35
			9. ISEEE 2010-IEEE, *(2010) Proceedings - 3rd International Symposium on Electrical and Electronics Engineering, ISEEE 2010, IEEE Catalog Number CFP1093K-PRT, ISBN 978-1-4244-8407-2, 361 pagini* *http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?asf_arn=null&asf_iid=null&asf_pun=5610912&asf_in=null&asf_rpp=null&asf_iv=null&asf_sp=null&asf_pn=8* , *EDITOR* **ISEEE-2010 : the 3rd International Symposium on Electrical and Electronics Engineering : September 16-18, 2010, Galaţi, Romania** by Marian Găiceanu; eBook : Document : Conference publication Language: English Publisher: [Piscataway, N.J.] : IEEE, ©2010. Database: WorldCat	361/(3*10 6)=1.13
			10 The Annals of Dunarea de Jos University of Galati, vol 33, no1-2010: ISSN 1221-454X, editor si coordonator http://www.ann.ugal.ro/eeai/ 68 pagini	68/(3*21) =1.07
			11 The Annals of Dunarea de Jos University of Galati, vol 33, no2-2010: ISSN 1221-454X, coordonator http://www.ann.ugal.ro/eeai/ 126 pagini	126/(3*45)/2=0.46
			12 The Annals of Dunarea de Jos University of Galati, vol 32, no1-2009: ISSN 1221-454X, editor si coordonator http://www.ann.ugal.ro/eeai/ 65 pagini	65/(3*25) =0.86
			13 The Annals of Dunarea de Jos University of Galati, vol 32, no2-2009: ISSN 1221-454X, editor si coordonator http://www.ann.ugal.ro/eeai/ 76 pagin	76/(3*35) =0.72
			14. The Annals of Dunarea de Jos University of Galati, vol 31, no1-2008: ISSN 1221-454X, editor si coordonator http://www.ann.ugal.ro/eeai/ 82 pagini	82/(3*35) =0.78
			15. The Annals of Dunarea de Jos University of Galati, vol 31, no2-2008: ISSN 1221-454X, editor si coordonator http://www.ann.ugal.ro/eeai/ 42 pagini	42/(3*10) =1.4
			16. ISEEE 2008, *Proceedings – 2nd International Symposium on Electrical and Electronics Engineering,ISSN 1844-8054, Editor, 542 pagini* **The 2nd International Symposium on Electrical and Electronics Engineering : ISEEE 2008 : September 12-13, Galati România : proceedings** by Dorel Aiordăchioaie; Marian Găiceanu; Book Language: English Publisher: Galaţi : Galati University Press, 2008. Database: WorldCat	542/(3*35 8)=0.5
	Suport didactic	A1.2.1 **(minim**	1. **Marian GĂICEANU**, *Sisteme optimale de actionare electrica: curs practic*, Editura Didactica si Pedagogica, Bucuresti, CIP 519.863:62-83, ISBN 973-30-1889-9, 104 pg., 2004	104/(20*1)=5.2

	(minim 1+1)	**2)**	2. **Marian GĂICEANU,** Conceperea şi implementarea structurilor de control pentru sistemele convertor-maşină, 170 pag., suport de curs în format electronic pentru studenții din anul II, Master, specializarea UEESR si EPSAC, Facultatea de Atomatică, Calculatoarea, Inginerie Electrică și Electronică	170/(10*1)=17
			3. Marian GĂICEANU, Acționări electrice., 116 pag., suport de curs în format electronic pentru studenții din anul III, specializarea Electromecanică si EPAE, Facultatea de Atomatică, Calculatoarea, Inginerie Electrică și Electronică	116/(10*1)=11.6
			4. **Marian GĂICEANU,** Acționări electrice reglabile., 90 pag., suport de curs în format electronic pentru studenții din anul IV, specializarea Electronică Aplicată, Facultatea de Automatică, Calculatoarea, Inginerie Electrică și Electronică	90/10/1 =9
		A1.2.2 **(minim 2)**	1. **Marian GĂICEANU**, Conceperea şi implementarea structurilor de control pentru sistemele convertor-maşină. Aplicații., Editura Universităţii „Dunărea de Jos” din Galaţi,ISBN 978-606-696-012-0 , Galaţi 2014; pp. 195, Galati University Press, Cod CNCSIS 281	100/(20*1)=5
			2. **Marian GĂICEANU**, Acționări electrice. Aplicații., Editura Universităţii „Dunărea de Jos” din Galaţi ISBN 978-686-696-013-7, 2014, pp210, Galati University Press, Cod CNCSIS 281	166/20=8. 33
			3. Marian GĂICEANU, Optimizarea sistemelor electromecanice. Indrumar de laborator, Universitatea „Dunărea de Jos” din Galaţi, 50 pp, 2015	50/20/1=2 .5
			4. Marian Gaiceanu, Acționări electrice. Proiectare. 30 pagini	30/20=1.5
			5. Marian Gaiceanu, Comanda numerica a convertoarelor statice de putere. Indrumar de laborator. Universitatea „Dunărea de Jos” din Galaţi, 30 pp, 2014	30/20=1.5
			6. Marian GĂICEANU, Actionari electrice reglabile. Indrumar de laborator, specializarea IETC, Facultatea de Atomatică, Calculatoare, Inginerie Electrică și Electronică, 60pp, 2015	60/20=3

	Coordonare program de studii		1. Program Electronica de putere si acţionări electrice, învăţământ de licenţă din 12.09.2013 2. Program Electronică de putere şi sisteme avansate de conducere, masterat, din 2011 3. Universite du Havre F LE-HAVR11, Electrical Eng 4. Polytech'Clermont-Ferrand-FR, Université Blaise Pascal-F CLERMON02 (France), Electrical Engineering 522 5. Polytech'Clermont-Ferrand-FR, Université Blaise Pascal-F CLERMON02 (France), - Electronics and Automation ,523 6. RO GALATI01-PL GLIWICE01 Gliwice, El. Eng, POLONIA 7. Instituto Politecnico de Setubal (Portugal)-P SETUBAL01, Electrical Engineering 522 8. Instituto Politecnico de Setubal (Portugal)-P SETUBAL01, Electronics and Automation 523 9. University of Ghent (Belgia), Control Eng. 52 10. Pamukkale Universitesi, TR DENIZLI01, Electrical Engineering, Electronics 11.Afyon Koncatepe University, TR AFYON01 Electrical Engineering 522 12. Politecnico di Torino-I TORINO02 (Italy), Electronics and Automation, coordinator ERASMUS 13. Politecnico di Torino-I TORINO02 (Italy), Electrical/Energy Engineering, coordinator ERASMUS 14. University of Patras (Panepistimio Patron) G PATRA01, 061 Information andCommunication 15. **Istanbul Medipol University**, **School of Engineering and Natural Sciences,** TR STANBU36 16. Erzincan University TR ERZİNCA01, 0713 Electricity and energy 17. Erzincan University TR ERZİNCA01 (Automatic) 18. Ecole des Mines de Douai F DOUAI02, Franta 19. AGH University of Science and Technology PL KRAKOW02, 523 Telecommunications, Electronics 20. Riga Technical University LV RIGA02 21. Grant individual de mobilitate/studiu/formare, cu finanțare națională: Olanda 2011 22. Grant de mobilitate cadru didactic în cadrul programului comunitar Erasmus- Pamukkale University 2013 +2015, http://www.pau.edu.tr/pau/tr/etkinlik/universitatea-dunarea-de-jos-din-galati-ogretim-gorevlisi-assoc-prof-dr-marian-gaiceanu%E2%80%99nin-erasmus-sunusu 23. Grant de mobilitate cadru didactic în cadrul programului comunitar Erasmus-Le Havre 2011 24. Grant de mobilitate cadru didactic în cadrul programului comunitar Erasmus- Pamukkale University 2014, Turcia, Pammukale University, 13-19 aprilie 2014 25. Grant individual de mobilitate/studiu/formare, cu finanțare internațională. Leonardo da Vinci nr. RO/98/2/06466 DISNOTECH, ELWE Lehrsysteme GmbH, Cremlingen, Germania, 25 nov-10 dec 2000, specializare in **Electronică de putere, acţionări electrice şi sisteme de comandă cu logică programabilă** 26. Grant individual (sau bursa) de mobilitate/studiu/formare, cu finanțare internațională. **TEMPUS**: JEP **12043-97**, Southampton Institute, Systems Engineering Department, Marea Britanie, sept-oct 1999, specializare in **Microcontrolere şi procesoare digitale de semnal**	10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10
			TOTAL PUNCTAJ CRITERIU A1	**486.09**
A2 **(minim 150 puncte)**	Articole în extenso în reviste cotate şi în volume proceedings indexate ISI	A2.1	1.Nonlinear Sliding-Mode Control for Permanent Magnet Synchronous Machine By: Solea, R (Solea, Razvan)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Codres, B (Codres, Bogdan)[1]; Eni, C (Eni, Cristinel), Book Group Author(s): IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22-24, 2014 Sponsor(s): IEEE Ind Elect Soc; IEEE Ind Applicat Soc; IEEE Power Elect Soc; Transilvania Univ Brasov 2014 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) Pages: 312-317 Published: 2014 View Abstract	(25+20x0) /4=6.25

	Thomson-Reuters, brevete de invenție **(minim 8)**		2.Efficient DC Drive System by using Adaptive Control By: Gaiceanu, M (Gaiceanu, Marian)[1]; Solea, R (Solea, Razvan)[1]; Codres, B (Codres, Bogdan)[1]; Eni, C (Eni, Cristinel), Book Group Author(s): IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22-24, 2014 Sponsor(s): IEEE Ind Elect Soc; IEEE Ind Applicat Soc; IEEE Power Elect Soc; Transilvania Univ Brasov 2014 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) Pages: 381-388 Published: 2014 View Abstract	(25+20x0) /4=6.25
			3. Model Predictive Speed Control of Permanent Magnet Synchronous Motor By: Codres, B (Codres, Bogdan)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Solea, R (Solea, Razvan)[1]; Eni, C (Eni, Cristinel), Book Group Author(s): IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22-24, 2014 Sponsor(s): IEEE Ind Elect Soc; IEEE Ind Applicat Soc; IEEE Power Elect Soc; Transilvania Univ Brasov 2014 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) Pages: 477-482 Published: 2014 View Abstract	(25+20x0) /4=6.25
			4. Solution for Connecting Regenerative Electric Drive Systems to the Grid By: Gaiceanu, Marian Edited by: Li, D; Zheng, D; Shi, J Conference: International Conference on Advanced Material and Manufacturing Science (ICAMMS 2012) Location: Beijing, PEOPLES R CHINA Date: DEC 20-21, 2012 Sponsor(s): Int Res Assoc Informat & Comp Sci; Sci Technol Press; Beijing Xinyongshun Acad Exchange LTD MATERIALS RESEARCH AND APPLICATIONS, PTS 1-3 Book Series: Advanced Materials Research Volume: 875-877 Pages: 1003-1008 Published: 2014 View Abstract	(25+20x0) /1=25
			5. The Model Reference Adaptive Control of the DC Electric Drive System By: Gaiceanu, M (Gaiceanu, Marian)[1]; Eni, C (Eni, Cristian); Coman, M (Coman, Mihaita); Paduraru, R (Paduraru, Romeo)[1]Edited by: Li, D; Zheng, D; Shi, J Conference: International Conference on Advanced Material and Manufacturing Science (ICAMMS 2012) Location: Beijing, PEOPLES R CHINA Date: DEC 20-21, 2012 Sponsor(s): Int Res Assoc Informat & Comp Sci; Sci Technol Press; Beijing Xinyongshun Acad Exchange LTD MATERIALS RESEARCH AND APPLICATIONS, PTS 1-3 Book Series: Advanced Materials Research Volume: 875-877 Pages: 2030-2035 Published: 2014 View Abstract	(25+20x0) /4=6.25

			6. Second Order Load Torque Estimator of the Vector-Controlled Synchronous Drive By: Dache, C (Dache, Cristinel)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Rosu, E (Rosu, Emil)[1]; Solea, R (Solea, Razvan)[1]; Nicolau, V (Nicolau, Viorel)[1]; Buhosu, R (Buhosu, Razvan)[1] Edited by: Gaiceanu, M, Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+20x0) /6=4.17
			7. Vector-Controlled Optimal Drive System for the Induction Motor By: Gaiceanu, M (Gaiceanu, Marian)[1]; Rosu, E (Rosu, Emil)[1]; Paduraru, R (Paduraru, Romeo)[1]; Munteanu, T (Munteanu, Traian)[1] Edited by: Gaiceanu, M Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+20x0) /4=6.25
			8. Regenerative DC Drive System By: Gaiceanu, Marian, Edited by: Gaiceanu, M Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+20x0) /1=25

			9. Energy savings generated by installing active power filters in water pumping stations By: Gurguiatu, G (Gurguiatu, Gelu)[1]; Balanuta, CD (Balanuta, Ciprian Daniel)[1]; Munteanu, T (Munteanu, Toader)[1]; Gaiceanu, M (Gaiceanu, Marian)[1] Edited by: Gaiceanu, M Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+20x0) /4=6.25
			10. Field Weakening Optimal Control of DC Motor Drive Systems By: Paduraru, R (Paduraru, Romeo)[1]; Munteanu, T (Munteanu, Traian)[1]; Dache, C (Dache, Cristinel)[1]; Rosu, E (Rosu, Emil)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Dumitriu, T (Dumitriu, Teodor)[1] Edited by: Gaiceanu, M Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+20x0) /6=4.17
			11. Sliding Mode Controller for Induction Motor By: Solea, Razvan; Gaiceanu, Marian; Nicolau, Viorel Edited by: Gaiceanu, M Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+20x0) /3=8.33

			12. Optimal Control Implementation of the Three-Phase Induction Machine based on Adaptive Drive System By: Gaiceanu, M (Gaiceanu, Marian)[1]; Dache, C (Dache, Cristi)[1]; Nicolau, V (Nicolau, Viorel)[1]; Buhosu, R (Buhosu, Razvan)[1]; Paraschiv, I (Paraschiv, Ion)[1] Book Group Author(s): IEEE Conference: 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE) Location: Bucharest, ROMANIA Date: MAY 23-25, 2013 2013 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Published: 2013 View Abstract	(25+20x0) /5=5
			13. Modeling and Monitoring Aspects of MOP-Type Drive Mechanisms of High-Voltage Circuit Breakers By: Nicolau, V (Nicolau, Viorel)[1]; Badea, N (Badea, Nicolae); Gaiceanu, M (Gaiceanu, Marian); Andrei, M (Andrei, Mihaela)[1]; Paraschiv, I (Paraschiv, Ion). Book Group Author(s): IEEE Conference: 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE) Location: Bucharest, ROMANIA Date: MAY 23-25, 2013 2013 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Published: 2013 View Abstract	(25+20x0) /5=5
			14. Theoretical and Experimental Research on the Methodology of Designing a System of Trigeneration with Renewable Energy By: Paraschiv, I (Paraschiv, Ion)[1]; Badea, N (Badea, Nicolae)[1]; Voncila, I (Voncila, Ion)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Nicolau, V (Nicolau, Viorel)[1] Book Group Author(s): IEEE Conference: 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE) Location: Bucharest, ROMANIA Date: MAY 23-25, 2013 2013 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Published: 2013 View Abstract	(25+20x0) /5=5
			15. IMPROVING THE ENVIRONMENTAL IMPACT OF WIND TURBINES By: Costin, M.; Gaiceanu, M. JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 14 Issue: 2 Pages: 592-600 Published: 2013 View Abstract Factor Impact: 0.338	(25+0.338x20)/2=15.88
			16. Advanced State Feedback Control of Grid-Power Inverter By: Gaiceanu, Marian, Edited by: Zeng, D Conference: 2nd International Conference on Advances in Energy Engineering (ICAEE) Location: Bangkok, THAILAND Date: DEC 27-28, 2011 Sponsor(s): Asia Pacific Human-Comp Interact Res Ctr 2011 2ND INTERNATIONAL CONFERENCE ON ADVANCES IN ENERGY ENGINEERING (ICAEE) Book Series: Energy Procedia Volume: 14 Pages: 1464-1470 Published: 2012 View Abstract, Times Cited: 1 http://www.sciencedirect.com/science/article/pii/S1876610211045383	(25+0*20) /1=25

			17. Real time implementation of suboptimal control position drive system with induction machine By: Munteanu, T (Munteanu, Tr)[1]; Rosu, E (Rosu, E.)[1]; Paduraru, R (Paduraru, R.)[1]; Dumitriu, T (Dumitriu, T.)[1]; Gaiceanu, M (Gaiceanu, M.)[1]; Culea, M (Culea, M.)[1]; Dache, C (Dache, C.)[1] Book Group Author(s): IEEE Conference: 14th European Conference on Power Electronics and Applications (EPE)/ECCE Europe Conference on Power Electronics and Adjustable Speed Drives - Towards the 20-20-20 Target Location: Birmingham, ENGLAND Date: AUG 30-SEP 01, 2011 Sponsor(s): IEEE; IEEE Power Elect Soc (PELS); Alstom; Mitsubishi Elect Europ; Star Alliance; PPM Power; Plexim; CITCEA; Dynex; TRW Conekt; MDL Technol; Chroma; United Technol Res Ctr; Converteam; Australian Comm Power Engn (ACPE); Assoc Ingenieurs Electriciens Inst Montefiore (AIM); Czech Electrotech Soc (CES); European Ctr Power Elect (ECPE); IEEE Ind Applicat Soc (IAS); IEEE Ind Elect Soc (IES); Inst Engn & Technol (IET); Korean Inst Power Elect (KIPE); Koninklijk Inst Ingenieurs (KIVI-NIRIA); Leonardo Energy; Norsk Elektroteknisk Forening (NEF); NMI; Osterreichischer Verband Elektrotechnik (OVE); Soc Elect, Elect & Technol Informat & Commun (SEE); Assoc Polish Elect Engineers; Svenska Elektro Dataingenjorers Riksforening (SER); Soc Royale Belge Electriciens - Koninklijke Belgische Vereniging Elektrotechnici (SRBE-KBVE); Technol Inst - Koninklijke Vlaamse Ingenieursvereniging (TI-KVIV); Assoc Elect, Elect & Informat Technol PROCEEDINGS OF THE 2011-14TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS (EPE 2011) Published: 2011 View Abstract	(25+0*20) /7=3.57
			18. Energy Saving Control for DC Motor Drive Systems By: Munteanu, T (Munteanu, Traian)[1]; Paduraru, R (Paduraru, Romeo)[1]; Rosu, E (Rosu, Emil)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Dumitriu, T (Dumitriu, Teodor)[1]; Dache, C (Dache, Cristian)[1] PRZEGLAD ELEKTROTECHNICZNY Volume: 87 Issue: 12A Pages: 57-65 Published: 2011 View Abstract	(25+0*20) /7=3.57
			19. OPTIMAL CONTROL USING ENERGY CRITERIA FOR DC POSITIONING DRIVE By: Rosu, E (Rosu, Emil)[1]; Munteanu, T (Munteanu, Traian)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Paduraru, R (Paduraru, Romeo)[1] REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE Volume: 56 Issue: 1 Pages: 58-68 Published: JAN-MAR 2011 View Abstract Times Cited: 2 Factor impact: 0.136	(25+0.136 *20)/7=3. 96

			20. Optimal Control using Energetic Criteria for Electric Drive Systems By: Rosu, E (Rosu, Emil)[1]; Munteanu, T (Munteanu, Traian)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Dumitriu, T (Dumitriu, Teodor)[1]; Paduraru, R Edited by: Gaiceanu, M Conference: 3rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: SEP 16-18, 2010 Sponsor(s): IEEE; Minister Educ, Res, Youth & Sports Romania; Fac Elect & Elect Engn; IEEE Reg8; IEEE United Kingdom & Republ Ireland Sect, Communicat Chapter (IEEE UKRI); IEEE Romania Sect 2010 3RD INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Pages: IV-XV Published: 2010 View Abstract	(25+0*20) /5=5
			21. Optimal Control of Permanent Magnet Synchronous Machines for Cold Rolling Mills By: Gaiceanu, Marian; Minzararu, Adrian Edited by: Gaiceanu, M Conference: 3rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: SEP 16-18, 2010 Sponsor(s): IEEE; Minister Educ, Res, Youth & Sports Romania; Fac Elect & Elect Engn; IEEE Reg8; IEEE United Kingdom & Republ Ireland Sect, Communicat Chapter (IEEE UKRI); IEEE Romania Sect 2010 3RD INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Pages: 105-111 Published: 2010 View Abstract Times Cited: 1	(25+0*20) /2=12.5
			22. Motion Control of a Single-Beam Gantry Crane Trolley By: Gaiceanu, Marian; Stan, Florin Edited by: Gaiceanu, M Conference: 3rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: SEP 16-18, 2010 Sponsor(s): IEEE; Minister Educ, Res, Youth & Sports Romania; Fac Elect & Elect Engn; IEEE Reg8; IEEE United Kingdom & Republ Ireland Sect, Communicat Chapter (IEEE UKRI); IEEE Romania Sect 2010 3RD INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Pages: 149-152 Published: 2010 View Abstract	(25+0*20) /2=12.5

			23. Linear Control of DC Motor Drive with Field Weakening By: Paduraru, R (Paduraru, Romeo)[1]; Rosu, E (Rosu, Emil); Gaiceanu, M (Gaiceanu, Marian); Munteanu, T (Munteanu, Traian); Dumitriu, T (Dumitriu, Teodor); Dache, C (Dache, Cristinel) Edited by: Gaiceanu, M, Conference: 3rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: SEP 16-18, 2010 Sponsor(s): IEEE; Minister Educ, Res, Youth & Sports Romania; Fac Elect & Elect Engn; IEEE Reg8; IEEE United Kingdom & Republ Ireland Sect, Communicat Chapter (IEEE UKRI); IEEE Romania Sect 2010 3RD INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Pages: 153-158 Published: 2010 View Abstract	(25+0*20) /6=4.17
			24. Mathematical Modelling of Color Mixing Process and PLC Control Implementation by Using Human Machine Interface By: Schiop, Laurentiu; Gaiceanu, Marian Edited by: Gaiceanu, M Conference: 3rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: SEP 16-18, 2010 Sponsor(s): IEEE; Minister Educ, Res, Youth & Sports Romania; Fac Elect & Elect Engn; IEEE Reg8; IEEE United Kingdom & Republ Ireland Sect, Communicat Chapter (IEEE UKRI); IEEE Romania Sect 2010 3RD INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Pages: 165-170 Published: 2010 View Abstract	(25+0*20) /2=12.5
			25. Quasi-Direct PWM AC-AC Converter Solution for AC Drives By: Gaiceanu, Marian PRZEGLAD ELEKTROTECHNICZNY Volume: 86 Issue: 3 Pages: 225-229 Published: 2010 View Abstract	(25+0*20) /1=25
			26. Optimal Control for AC Drive with Quadratic Criteria By: Gaiceanu, M (Gaiceanu, Marian)[1]; Rosu, E (Rosu, Emil)[1]; Munteanu, T (Munteanu, Traian)[1]; Dumitriu, T (Dumitriu, Teodor)[1]; Paduraru, R (Paduraru, Romeo)[1]; Dache, C (Dache, Cristinel)[1] Book Group Author(s): IEEE Conference: 13th European Conference on Power Electronics and Applications (EPE 2009) Location: Barcelona, SPAIN Date: SEP 08-10, 2009 EPE: 2009 13TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, VOLS 1-9 Pages: 1922-1931 Published: 2009 View Abstract	(25+0*20) /6=4.17

			27. The optimal control for position drive system with induction machine By: Munteanu, T (Munteanu, Tr.)[1]; Rosu, E (Rosu, E.)[1]; Gaiceanu, M (Gaiceanu, M.)[1]; Paduraru, R (Paduraru, R.)[1]; Dumitriu, T (Dumitriu, T.)[1]; Culea, M (Culea, M.)[1]; Dache, C (Dache, C.)[1] Book Group Author(s): IEEE Conference: 13th European Conference on Power Electronics and Applications (EPE 2009) Location: Barcelona, SPAIN Date: SEP 08-10, 2009 EPE: 2009 13TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, VOLS 1-9 Pages: 3380-3387 Published: 2009 View Abstract	(25+0*20) /7=3.57
			28. Inverter control for three-phase grid connected fuel cell power system By: Gaiceanu, Marian, Book Group Author(s): IEEE Conference: 5th International Conference and Workshop on Compatibility in Power Electronics Location: Gdansk, POLAND Date: MAY 29-JUN 01, 2007 Sponsor(s): IEEE; Gdynia Maritime Univ 2007 COMPATIBILITY IN POWER ELECTRONICS Pages: 95-100 Published: 2007 View Abstract	(25+0*20) /1=25
			29. A new load power estimator for a quasi-sinusoidal ac-ac converter system By: Gaiceanu, Marian Edited by: Margineanu, I; Nicolaide, A; Cernat, M Conference: 9th International Conference on Optimization of Electrical and Electronic Equipment Location: Brasov, ROMANIA Date: MAY 20-22, 2004 Sponsor(s): IEEE OPTIM 04: PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL II: POWER ELECTRONICS, ELECTRICAL MACHINES AND DRIVES Pages: 189-194 Published: 2004 View Abstract	(25+0*20) /1=25
			30. Implementation techniques for the matrix Riccati differential equation solution for energetic optimization of the AC drives By: Gaiceanu, M Book Group Author(s): IEEE; IEEE Conference: IEEE International Conference on Control Applications Location: Mexico City, MEXICO Date: SEP 05-07, 2001 Sponsor(s): IEEE Control Syst Soc; Amer Soc Mech Engineers; European Union Control Assoc; Soc Instrument & Control Engineers PROCEEDINGS OF THE 2001 IEEE INTERNATIONAL CONFERENCE ON CONTROL APPLICATIONS (CCA'01) Pages: 577-582 Published: 2001 View Abstract	(25+0*20) /1=25

			31. Neuro-optimal controller for three-phase induction motor based on Levenberg-Marquardt training algorithm By: Gaiceanu, M; Rosu, E; Tataru, AM Edited by: Wong, KP; Su, Q; Stewart, B; et al. Conference: International Conference on Power System Technology (POWERCON 2000) Location: UNIV WESTERN AUSTRALIA, PERTH, AUSTRALIA Date: DEC 04-07, 2000 Sponsor(s): IEEE Power Engn Soc; IEEE; Chinese Soc Electr Engineers; IEEE, Western Australia Sect; IEE; Univ Western Australia; Inst Engineers Australia; Inst Electr Engineers Japan; Western Power Corp; Siemens; Hitachi; Energex 2000 INTERNATIONAL CONFERENCE ON POWER SYSTEM TECHNOLOGY, VOLS I-III, PROCEEDINGS Pages: 97-102 Published: 2000 View Abstract Source: Scopus Print (39 January 2012)	(25+0*20) /3=8.33
			32. On Fuzzy Predictive Diagnosis of Pump-Motor Group of Oleo-Pneumatic Drive Mechanisms By:Viorel, N (Viorel, Nicolau)[1]; Mihaela, A (Mihaela, Andrei)[1]; Razvan, S (Razvan, Solea); Marian, G (Marian, Gaiceanu), Edited by: Gaiceanu, M Conference: 4th International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Dunarea de Jos Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 Sponsor(s): Dunarea de Jos Univ Galati, Fac Automat, Comp Sci, Elect & Elect Engn; IEEE; Minist Natl Educ; IEEE Reg8; IEEE Romania Sect; IEEE Power Elect Romania Chapter; IEEE Instrumentat & Measurement Romania Chapter 2013 4TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE) Published: 2013 View Abstract	(25+0*20) /4=6.25

			33. Regenerative AC Drive System with the Three-phase Induction Machine By: Gaiceanu, Marian; Nichita, Cristian Book Group Author(s): IEEE Conference: International Conference on Applied and Theoretical Electricity (ICATE) Location: Craiova, ROMANIA Date: OCT 23-25, 2014 Sponsor(s): Univ Craiova, Fac Elect Engn; Inst Elect & Elect Engineers; IEEE Romania Sect; IEEE Romanian Chapter EMB Soc; IEEE Romanian Chapter EMC Soc; IEEE Romanian Chapter MAG Soc; IEEE Romanian Chapter PE Soc; Minist Natl Educ; Assoc Support Engn Educ 2014 INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE) Book Series: International Conference on Applied and Theoretical Electricity Published: 2014 View Abstract Publisher IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA Research Areas:Engineering Web of Science Categories:Engineering, Electrical & Electronic Document Type:Proceedings Paper Language:English Accession Number: WOS:000352737400053 ISBN:978-1-4799-4161-2 ISSN: 2376-4163 Other Information IDS Number: BC4MW Marian Gaiceanu, and Cristian Nichita, **Regenerative AC Drive System with the Three-phase Induction Machine**, Applied and Theoretical Electricity (ICATE), 2014 International Conference on, INSPEC Accession Number: 14791563, Conference Location : Craiova, DOI: 10.1109/ICATE.2014.6972641, Publisher: IEEE **Regenerative AC drive system with the three-phase induction machine** Gaiceanu, M. ; Nichita, C. Applied and Theoretical Electricity (ICATE), 2014 International Conference on DOI: 10.1109/ICATE.2014.6972641 Publication Year: 2014 , Page(s): 1 - 6 IEEE Conference Publications | © | Quick Abstract | PDF (277 KB) | HTML Indexat Scopus, IEEE	25/2=12.5

			A2.1 **Factor de impact cumulat: 0.338+.136=0.474**	**352.64**
	Articole reviste și conferinte BDI **(minim 16)**	A2.2	1. Bogdan Codres, Marian Gaiceanu, Stefan Ciuta, SPEED CONTROL FOR THREE PHASE INDUCTION MOTOR USING ADALINE NEURAL NETWORKS, The Annals of University "Dunarea de Jos" of Galati, Fascicle III Electrotechnics, Electronics, Automatic Control and Informatics, ISSN 1221-454X, pp. 5-10, 2015 *Articol indexat Google Scholar*	20/3=6.66
			2. Marian Gaiceanu, Razvan Buhosu Chapter Details Chapter Title Hybrid Power System Supply for Electric Vehicle Series Title : Springer Proceed. in Energy, © Springer Book Title : 2nd International Congress on Energy Efficiency and Energy Related Materials (ENEFM2014) Book Subtitle : Proceedings, Oludeniz, Fethiye/Mugla, Turkey, October 16-19, 2014, pp.23-30 ISBN : 978-3-319-16900-2 Chapter DOI 10.1007/978-3-319-16901-9_4	20/2=10
			3. Marian Gaiceanu, Cristian Nichita Chapter Details Chapter Title Regenerative AC Drive System Based on the Three Phase Permanent Magnet Synchronous Machine Series Title : Springer Proceed. in Energy, © Springer Book Title : 2nd International Congress on Energy Efficiency and Energy Related Materials (ENEFM2014) Book Subtitle : Proceedings, Oludeniz, Fethiye/Mugla, Turkey, October 16-19, 2014, pp.163-170 ISBN : 978-3-319-16900-2 Chapter DOI 10.1007/978-3-319-16901-9_20	20/2=10
			4. CodresB., Gaiceanu M.,Solea R., Eni C., Model predictive speed control for three-phase induction motor, THE ANNALS OF"DUNAREA DE JOS" UNIVERSITY OF GALATI, Fascicle III, ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS, 2013, ISSN 1221-454X *Articol indexat Google Scholar http://scholar.google.ro/scholar?q=Model+predictive+speed+control+for+three-phase+induction+motor&btnG=&hl=ro&as_sdt=0%2C5*	20/4=5
			5. Solea R., Gaiceanu M., CodresB., Eni C., PERFORMANCE COMPARISON OF SLIDING MODE CONTROLLER AND CONVENTIONAL PID CONTROLLER FOR DC MOTOR, THE ANNALS OF"DUNAREA DE JOS" UNIVERSITY OF GALATI, Fascicle III, ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS, 2013, ISSN 1221-454X *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=PERFORMANCE+COMPARISON+OF+SLIDING+MODE+CONTROLLER+AND+CONVENTIONAL+PID+CONTROLLER+FOR+DC+MOTOR&btnG=&hl=ro&as_sdt=0%2C5*	20/4=5

			6. Marian Gaiceanu, Razvan Buhosu, Gelu Gurguiatu, Ciprian Daniel Balanuta, Current Control of the Single-Phase Full-Bridge Power Inverter, ANALELE UNIVERSITĂŢII "EFTIMIE MURGU" REŞIŢA, ANUL XXI, NR. 2, 2014, ISSN 1453 – 7397, pp.37-48, , ISSN 1221-454X, CNCSIS indexat B+, ProQuest Indexat • **Current Control of the Single-Phase Full-Bridge Power Inverter** anale-ing.uem.ro/2014/303.pdf	20/4=5
			7. Marian Gaiceanu, Cristian Nichita, dSPACE Implementation of the Third Harmonic Insertion based Modulation on the Three Phase Power Inverter, ANALELE UNIVERSITĂŢII "EFTIMIE MURGU" REŞIŢA, ANUL XXI, NR. 2, 2014, ISSN 1453 – 7397,pp.295-304. ProQuest *anale-ing.uem.ro/2014/228.pdf*	20/2=10
			8. Marian Gaiceanu, Razvan Solea, Bogdan Codres, Cristinel Eni, On-line Identification of the DC motor Parameters by using Least Mean Square Recursive Method, ANALELE UNIVERSITĂŢII "EFTIMIE MURGU" REŞIŢA, ANUL XXI, NR. 2, 2014, ISSN 1453 – 7397, pp.85-96, ProQuest *anale-ing.uem.ro/2014/308.pdf*	20/4=5
			9. Marian Gaiceanu, and Cristian Nichita , Modern AC Drive System with Induction Machine, Annals of the University of Craiova – Electrical Engineering series , pp.128-133, vol. 38, 2014, ISSN 1842-4805 *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=Modern+AC+Drive+System+with+Induction+Machine&btnG=&hl=ro&as_sdt=0%2C5* *Index Copernicus* *http://jml2012.indexcopernicus.com/issue.php?id=2823&id_issue=876872*	20/2=10
			10. Marian Gaiceanu, Emil Rosu, *A Complete Optimal Control Solution for Permanent Magnet Synchronous Motors*, ID198, APEESD 2012, 2012 Asian Pacific Conference on Energy, Environment and Sustainable Development (APEESD 2012) November 12-13, 2012, Kuala Lumpur, Malaysia with the publisher of Applied Mechanics and Materials, (ISSN: 1660-9336), http://www.scientific.net/AMM.260-261.449 *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=A+Complete+Optimal+Control+Solution+for+Permanent+Magnet+Synchronous+Motors&btnG=&hl=ro&as_sdt=0%2C5* *Indexat WolrdCat* **A Complete Optimal Control Solution for Permanent Magnet Synchronous Motors** by M Gaiceanu; E Rosu Article Language: English Publication: APPLIED MECHANICS AND MATERIALS, 260/261, (2013): 449 Database: British Library Serials	20/2=10

			11. Marian Gaiceanu, Adriana Burlibasa, Cristian Eni, Mihaita Coman, *State Feedback Current Control of the Three-phase Grid Connected Power Inverter for the Regenerative Loads*, International Conference on Biomaterial and Bioengineering (ICBB 2012), December 19-20, 2012, Hong Kong, published on international journal *Advanced Materials Research Vol. 647(2013), pp.935-938*, **(ISSN: 1022-6680)** http://www.scientific.net/AMR.647.935. *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=State+Feedback+Current+Control+of+the+Three-phase+Grid+Connected+Power+Inverter+for+the+Regenerative+Loads&btnG=&hl=ro&as_sdt=0%2C5* **State feedback current control of the three-phase grid connected power inverter for the regenerative loads** by ICBB 2012 2012 International Conference on Biomaterial and Bioengineering (2012 12 19 - 2012 12 20); Gaiceanu M.; Burlibasa A.; Eni C.; Coman M. Article Language: English Publication: Advanced Materials Research, v647 (2013 02 04): 935-938 Database: Copyright 2015 Elsevier B.V. All rights reserved	20/4=5
			12. Marian Gaiceanu, Emil Rosu, *Analysis of the Nonrecursive Advanced Optimal Control of Permanent Magnet Synchronous Motor Drive*, 2012 International Conference on Material Science and Engineering Technology (ICMSET 2012) Wuhan, China, October 20-21, 2012, ICMSET 2012 *Articol indexat WorldCat* *https://www.worldcat.org/search?q=Analysis+of+the+Nonrecursive+Advanced+Optimal+Control+of+Permanent+Magnet+Synchronous+Motor+Drive&qt=results_page* *Scientific net* http://www.scientific.net/AMM.367.194 **Analysis of the Nonrecursive Advanced Optimal Control of the Permanent Magnet Synchronous Motor Drive** by M Gaiceanu; E Rosu Article Language: English Publication: APPLIED MECHANICS AND MATERIALS, 367, (2013): 194 Database: British Library Serials, Scopus	20/2=10

			13. **Marian Gaiceanu**, Emil Rosu, *Optimal Space Vector Control for Permanent Magnet Synchronous Motor based on Nonrecursive Riccati Equation*, ICECECE 2012 : International Conference on Electrical, Computer, Electronics and Communication Engineering, Dubai, UAE October 8-9, 2012, http://www.waset.org/journals/waset/v70/v70-27.pdf, World Academy of Science, Engineering and Technology 10/2012; 70(2012):148. DOI:E-ISSN : 2010-3778, pp148-152. *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?hl=ro&q=Optimal+Space+Vector+Control+for+Permanent+Magnet+Synchronous+Motor+based+on+Nonrecursive+Riccati+Equation&btnG=* *EBSCO* http://connection.ebscohost.com/c/articles/88935598/optimal-space-vector-control-permanent-magnet-synchronous-motor-based-nonrecursive-riccati-equation	20/2=10
			14. 11. **Marian Gaiceanu**, *Linear Quadratic Regulator for the Three-Phase Grid Connected Power Converter*, 2013 2nd International Conference on Micro Nano Devices, Structure and Computing Systems, January 23-24, 2013,Shenzhen,China. MNDSCS 2010 has been indexed by EI Compendex *Articol indexat WorldCat,* *https://www.worldcat.org/search?qt=worldcat_org_all&q=Linear+Quadratic+Regulator+for+the+Three-Phase+Grid+Connected+Power+Converter* *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=Linear+Quadratic+Regulator+for+the+Three-Phase+Grid+Connected+Power+Converter&btnG=&hl=ro&as_sdt=0%2C5	20/1=20
			15. **Marian Gaiceanu**, Cristian Eni, and Mihaita Coman,*Adaptive control with supraunitary relative degree for the DC electrical machine*, 2013 2nd International Conference on Micro Nano Devices, Structure and Computing Systems, January 23-24, 2013,Shenzhen,China. MNDSCS 2010 has been indexed by EI Compendex *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?hl=ro&q=http%3A%2F%2Fwww.scientific.net%2FAMR.677.480&btnG=* http://www.scientific.net/AMR.677.480 British Library Serials **Adaptive control with supraunitary relative degree for the DC electrical machine** by Structure and Computing Systems MNDSCS 2013 2013 2nd International Conference on Micro Nano Devices (CHN Shenzhen 2013 01 23 - 2013 01 24); Gaiceanu M.; Eni C.; Coman M. Article Language: English Publication: Advanced Materials Research, v677 (2013 04 15): 480-484 Database: Copyright 2015 Elsevier B.V. All rights reserved	20/3=6.67

			16. **Marian Gaiceanu**, INTEGRAL STATE FEEDBACK CONTROL OF GRID POWER INVERTER, Buletinul AGIR nr. 3/2012, iunie-august, pp.321-326, http://www.agir.ro/buletine/1402.pdf ISSN-L 1224-7928, 4 numere pe an BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED Online: ISSN 2247-3548	20/1=20
			17. ***MARIAN GAICEANU**, ELENA VONCILA, RAZVAN BUHOSU**:** Optimal Control for Electric Vehicle Stabilization **(pp. 73-81),** **BDI,** The Annals of University "Dunarea de Jos" of Galati, Fascicle III Electrotechnics, Electronics, Automatic Control and Informatics, ISSN 1221-454X, Vol 33, No.2, 2010 *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=Optimal+Control+for+Electric+Vehicle+Stabilization&btnG=&hl=ro&as_sdt=0%2C5	20/3=6.67
			18. ***MARIAN GAICEANU, MADALIN COSTIN:** DC Link Current Estimation in Wind-Double Feed Induction Generator Power Conditioning System **(pp.20-26),** **BDI,** The Annals of University "Dunarea de Jos" of Galati, Fascicle III Electrotechnics, Electronics, Automatic Control and Informatics, ISSN 1221-454X, Vol 33, No.2, 2010 *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=DC+Link+Current+Estimation+in+Wind-Double+Feed+Induction+Generator+Power+Conditioning+System+&btnG=&hl=ro&as_sdt=0%2C5	20/2=10
			19. ***Marian GAICEANU**: Speed Estimation Method for AC Drives, pp58-63,* **BDI,** The Annals of University "Dunarea de Jos" of Galati, Fascicle III Electrotechnics, Electronics, Automatic Control and Informatics, ISSN 1221-454X, Vol 32, No.2;2009 *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=Speed+Estimation+Method+for+AC+Drives&btnG=&hl=ro&as_sdt=0%2C5* *Indexat DOAJ*	20/1=20
			20. **Marian Gaiceanu**, Emil Rosu, Romeo Paduraru, Cristinel Dache, **OPTIMAL CONTROL DEVELOPMENT SYSTEM FOR ELECTRICAL DRIVES,** The Annals of Dunarea de Jos University of Galati, Fascicle III, Vol.31, No.1, ISSN 1221-*454X*, 2008, pp.5-10, DOI: E008442 (indexata DOAJ), http://www.ann.ugal.ro/eeai/archives/2008/Lucrare-01-Gaiceanu.pdf *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=OPTIMAL+CONTROL+DEVELOPMENT+SYSTEM+FOR+ELECTRICAL+DRIVES&btnG=&hl=ro&as_sdt=0%2C5*	20/4=5

			21. **MARIAN GAICEANU**, GIANMICHELE ORSELLO, **Load-Following Model of the Solid Oxide Fuel Cell Power Conditioning System,** 2nd International Conference on Modern Power System, IEEE-PES, MPS 2008, November 12-14, 2008, Acta Electrotehnica, Volume 48, pag. 146-151, ISSN 1841-3323, (VINITI, DOAJ) *Articol indexat Google Scholar http://scholar.google.ro/scholar?q=Load-Following+Model+of+the+Solid+Oxide+Fuel+Cell+Power+Conditioning+System&btnG=&hl=ro&as_sdt=0%2C5* **[PDF] Load-Following Model of the Solid Oxide Fuel Cell Power Conditioning System** M Gaiceanu, G Orsello - … on Modern Power System, IEEE-PES, …, 2008 - researchgate.net Abstract—The main objective of this paper is to develop a **load-following model** predicted from steady state data of the CHP 100kWe **Solid Oxide Fuel Cell** (SOFC) **Power System**. The **system** was built by Siemens-Westinghouse **Power** Corporation and is located at **Gas ...** Citat de 1 ori Articole cu conţinut similar Import în BibTeX Salvat Mai multe http://scholar.google.ro/scholar?q=Load-Following+Model+of+the+Solid+Oxide+Fuel+Cell+Power+Conditioning+System&hl=ro&as_sdt=0&as_vis=1&oi=scholart&sa=X&ei=VkoDVfznCMasPODMgPgF&ved=0CB0QgQMwAA	20/2=10
			22. **M. Gaiceanu,** SIZING OF A STAND-ALONE PEM FUEL CELL POWER SYSTEM PART I: Load data analysis, Design Specifications and Fuel Cell Design, Modelling and Optimization in the Machines Building Field, University of Bacau, Romanian Technical Sciences Academy, Vol.1, MOCM-14, pp.83-88, ISSN 1224-7480, 2008 *Articol indexat CSA, VINITI* *Indexat WorldCat* https://www.worldcat.org/title/mocm-modelling-and-optimization-in-the-machines-building-field/oclc/646605540&referer=brief_results Indexat Google Scholar http://scholar.google.ro/scholar?q=SIZING+OF+A+STAND-ALONE+PEM+FUEL+CELL+POWER+SYSTEM+Gaiceanu&btnG=&hl=ro&as_sdt=0%2C5	20/1=20

			23. **M. Gaiceanu,** SIZING OF A STAND-ALONE PEM FUEL CELL POWER SYSTEM PART II: The Battery Pack and Half-Bridge Power Converter Design, Modelling and Optimization in the Machines Building Field, University of Bacau, Romanian Technical Sciences Academy, Vol.1, MOCM-14, pp89-95, ISSN 1224-7480, 2008 *Articol indexat CSA, VINITI* Indexat Google Scholar http://scholar.google.ro/scholar?q=SIZING+OF+A+STAND-ALONE+PEM+FUEL+CELL+POWER+SYSTEM+Gaiceanu&btnG=&hl=ro&as_sdt=0%2C5 *Indexat WorldCat* https://www.worldcat.org/title/mocm-modelling-and-optimization-in-the-machines-building-field/oclc/646605540&referer=brief_results	20/1=20
			24. **M. Gaiceanu,** SIZING OF A STAND-ALONE PEM FUEL CELL POWER SYSTEM PART III: Design of the Push-Pull Converter and the Single-Phase Inverter, Modelling and Optimization in the Machines Building Field, University of Bacau, Romanian Technical Sciences Academy, Vol.1, MOCM-14, pp96-102, ISSN 1224-7480, 2008 *Articol indexat CSA, VINITI* Indexat Google Scholar http://scholar.google.ro/scholar?q=SIZING+OF+A+STAND-ALONE+PEM+FUEL+CELL+POWER+SYSTEM+Gaiceanu&btnG=&hl=ro&as_sdt=0%2C5 *Indexat WorldCat* https://www.worldcat.org/title/mocm-modelling-and-optimization-in-the-machines-building-field/oclc/646605540&referer=brief_results	20/1=20
			25. B.D. Guzun, C. Mucichescu, M. Barglazan, M. Grigoriu, **M.Gaiceanu,** Optimal High Power-Pumped-Storage System, Energetica, nr.11/2006, ISSN 1453-2360, Bucuresti, pp.487-491 *Articol indexat Google Scholar http://scholar.google.ro/scholar?q=Optimal+High+Power-Pumped-Storage+System&btnG=&hl=ro&as_sdt=0%2C5* *Articol indexat Scopus*	20/5=4

			26. **M.Gaiceanu**, *Power Conditioning System Topology for Grid Integration of Wind and Fuel Cell Energy*, The Annals of Dunarea de Jos University of Galati, Fascicle III, ISSN 1221-*454X*, 2006, pp.110-115,, DOI: E008442 *Articol indexat Google Scholar* http://scholar.google.ro/scholar?hl=ro&q=POWER+CONDITIONING+SYSTEM+TOPOLOGY+FOR+GRID+INTEGRATION+OF+WIND+AND+FUEL+CELL+ENERGY&btnG= Articol indexat Microsoft Academic Search http://65.54.113.26/Publication/6279760/power-conditioning-system-topology-for-grid-integration-of-wind-and-fuel-cell-energy Articol indexat citeseerx http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.132.9590	20/1=20
			27. **M. Gaiceanu**, *AC-AC Converter for Induction Motor Application*, Modelling and Optimization in the Machines Building Field, University of Bacau, Romanian Technical Sciences Academy, Vol.4, MOCM-11, pp.63-68, ISSN 1224-7480, 2005 *Articol indexat Google Scholar* *http://scholar.google.ro/scholar?q=AC-AC+Converter+for+Induction+Motor+Application&btnG=&hl=ro&as_sdt=0%2C5*	20/1=20
			28. **M. Gaiceanu**, *Parallel Active Power Filter Based on Synchronous Reference Frame Algorithm*, Modelling and Optimization in the Machines Building Field, University of Bacau, Romanian Technical Sciences Academy, Vol.4, MOCM-11, pp.69-74, ISSN 1224-7480, 2005 *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=Parallel+Active+Power+Filter+Based+on+Synchronous+Reference+Frame+Algorithm%2C&btnG=&hl=ro&as_sdt=0%2C5	20/1=20
			29. **M. Gaiceanu,** *Active Power Compensator of Current Harmonics Based on the Instantaneous Power Theory*, The Annals of Dunarea de Jos University of Galati, Fascicle III, ISSN 1221-454X, pp.23-29, 2005, DOI: E008442 *Articol indexat DOAJ* http://doaj.org/search?source={%22query%22:{%22filtered%22:{%22query%22:{%22query_string%22:{%22query%22:%22Active%20Power%20Compensator%20of%20Current%20Harmonics%20Based%20on%20the%20Instantaneous%20Power%20Theory%22,%22default_operator%22:%22AND%22}},%22filter%22:{%22bool%22:{%22must%22:[{%22term%22:{%22index.country.exact%22:%22Romania%22}}]}}}},%22sort%22:[{%22id%22:{%22order%22:%22asc%22}}]}#.VPy9SI5nAg4 Articol indexat Scopus	20/1=20

			30. **GAICEANU M.** (2004). AC-AC converter system for AC drives. Journal title IEE CONFERENCE PUBLICATION. NUMB 498, vol. 2, pp. v2-724-v2-730 Publisher London; Institution of Electrical Engineers, ISSN: 0537-9989, DOI: E079763 *Articol indexat Google Scholar* http://scholar.google.ro/scholar?hl=ro&q=AC-AC+converter+system+for+AC+drives&btnG= Indexat WorldCat+ British Library Serials **AC-AC converter system for AC drives** by M Gaiceanu Article Language: English Publication: IEE CONFERENCE PUBLICATION, 2, no. 498, (2004): 724-729 Database: British Library Serials, Scopus Ac-Ac converter system for ac drives	20/1=20

			31. M. Gaiceanu, E. Rosu, *A simple load power estimator for quasi sinusoidal ac-ac converter*, ANALELE UNIVERSITATII DUNAREA DE JOS GALATI, Fascicula III, Electrotehnica, Electronica, Automatica, Informatica, pp.49-54, 2003, ISSN 1221-454X *Articol indexat Google* http://www.researchgate.net/publication/45087889_A_Simple_Load_Power_Estimator_For_Quasi-Direct_AC-AC_Converter_System Articol indexat DOAJ **Authors**: Marian GAICEANU, Emil ROSU **Publisher**: Universitatea Dunarea de Jos **Date of publication**: 2003 December **Published in**: Annals of Dunarea de Jos, Vol 2003, Iss 1, Pp 51-56 (2003) **ISSN(s)**: 1221-454X **Keywords**: current estimator, PWM ac-ac converter, power balance, load feed-forward, digital control, synchronous current controller, rotor field oriented control **Full text**: http://www.ann.ugal.ro/eeai/archives/2003/Lucrarea%207%20-%20Marian%20Gaiceanu%20-%20Anale%202003.pdf **Journal Language(s)**: English **Journal License**: (cc) BY **Country of publisher**: Romania **Abstract**: (expand) SHARE http://www.yasni.info/ext.php?url=http%3A%2F%2Fvufind.uniovi.es%2FRecord%2F1186909%2FDetails&name=Marian+Gaiceanu&showads=1&lc=en-us&lg=en&rg=us&rip=ro Indexat DOAJ A Simple Load Power Estimator For Quasi-Direct AC-AC Converter System **Authors**: Marian GAICEANU, Emil ROSU **Publisher**: Universitatea Dunarea de Jos **Date of publication**: 2003 December **Published in**: Annals of Dunarea de Jos, Vol 2003, Iss 1, Pp 51-56 (2003) **ISSN(s)**: 1221-454X **Keywords**: current estimator, PWM ac-ac converter, power balance, load feed-forward, digital control, synchronous current controller, rotor field oriented control **Full text**: http://www.ann.ugal.ro/eeai/archives/2003/Lucrarea%207%20-%20Marian%20Gaiceanu%20-%20Anale%202003.pdf **Journal Language(s)**: English **Journal License**: (cc) BY **Country of publisher**: Romania **Abstract**: (expand) SHARE http://www.yasni.info/ext.php?url=http%3A%2F%2Fvufind.uniovi.es%2FRecord%2F1186909%2FDetails&name=Marian+Gaiceanu&showads=1&lc=en-us&lg=en&rg=us&rip=ro	20/2=10

			32. Emil Rosu, Marian Gaiceanu, Ion Bivol, Dumitru Calueanu, *Energetic Optimal Control of Adjustable Drive Systems*, ANALELE UNIVERSITATII DUNAREA DE JOS GALATI, Fascicula III, Electrotehnica, Electronica, Automatica, Informatica, pp.61-70, 2003, ISSN 1221-454X *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=Energetic+Optimal+Control+of+Adjustable+Drive+Systems&btnG=&hl=ro&as_sdt=0%2C5&sciodt=0%2C5&cites=7631939083886000305&scipsc= Indexat DOAJ **Authors**: Ion BIVOL, Marian GAICEANU, Emil ROSU, Dumitru CALUEANU **Publisher**: Universitatea Dunarea de Jos **Date of publication**: 2002 December **Published in**: Annals of Dunarea de Jos, Vol 2002, Iss 1, Pp 61-70 (2002) **ISSN(s)**: 1221-454X **Keywords**: optimal control, adjustable drive systems **Full text**: http://www.ann.ugal.ro/eeai/archives/2002/10%20-%20Energetic%20optimal%20control%20-%20Emil%20ROSU.pdf **Journal Language(s)**: English **Journal License**: (cc) BY **Country of publisher**: Romania **Abstract**: (expand) SHARE	20/4=5
			33. Gaiceanu, M. Implementation of neuro-optimal controller based on recursive Gauss-Newton training algorithm (2004) EPE 2001. *Articol indexat Scopus* Source: Scopus Print (39 January 2012) **Ninth European Conference on Power Electronics and Applications (http://www.epe-association.org/epe/documents.search.php), IEEE EPE-Graz (Austria) 27-29 August 2001, Topic 06j: Energy Efficient Drive, Dialogue Session, ISBN 90-75815-06-9, PP01037** Implementation of neuro-optimal controller based on recursive Gauss-Ne *By M. Gaiceanu* **Articol indexat EPE**	20/1=20
			34. M. Culea, D. Aiordachioaie, M. Gaiceanu, *On the Harmonics Reduction Using Wavelet Based Signal Processing*, ANALELE UNIVERSITATII DUNAREA DE JOS GALATI, Fascicula III, Electrotehnica, Electronica, Automatica, Informatica, pp.12-16, 2000, ISSN 1221-454X *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=On+the+Harmonics+Reduction+Using+Wavelet+Based+Signal+Processing%2C&btnG=&hl=ro&as_sdt=0%2C5	20/3=6.67

			35. Gaiceanu, M., Fetecau, G., Grid Connected Wind Turbine-Fuel Cell Power System Having Power Quality Issues, 2011, International Conference - Electrical Power Quality and Utilisation, Barcelona, Spain, 9-11 Oct. 2007 , pp. 759-764 *Articol indexat Scopus*	20/2=10
			36. Marian Gaiceanu, Advanced State Feedback Control of Grid Power Inverter, 2011 2nd International Conference on Advances in Energy Engineering (ICAEE 2011) December 27-28, 2011, Bangkok , Thailand, Energy Procedia Journal, Elsevier, **ISSN:** 1876-6102 http://www.sciencedirect.com/science/article/pii/S1876610211045383 *Articol indexat Google Scholar* *WorldCat* https://www.worldcat.org/search?q=Advanced+State+Feedback+Control+of+Grid+Power+Inverter+gaiceanu&qt=results_page	20/1=20
			37. M. Gaiceanu, Inverter Control for Three-Phase Grid Connected Fuel Cell Power System, The 5th International IEEE Conference CPE 2007, Compatibility in Power Electronics Conference, May 29-June 1, 2007, Gdansk, Poland, Power Electronics, 2007 Compatibility in, Conf Proceedings IEEE Product No.: EX1712, ISBN: 1-4244-1054-1 *Articol indexat Google Scholar* http://scholar.google.ro/scholar?q=Inverter+Control+for+Three-Phase+Grid+Connected+Fuel+Cell+Power+System%2C&hl=ro&as_sdt=0%2C5&as_ylo=2007&as_yhi=2007 WorldCat https://www.worldcat.org/search?qt=worldcat_org_all&q=Inverter+Control+for+Three-Phase+Grid+Connected+Fuel+Cell+Power+System **Inverter Control for Three-Phase Grid Connected Fuel Cell Power System** , by M Gaiceanu, Chapter Database: IEEE Publications Database M. Gaiceanu, A new load power estimator for quas„i-sinusoidal ac-ac converter system, Proceedings of the 9th International Conference on Optimization of Electrical and Electronic Equipments (OPTIM 2004), Vol. II: Power Electronics, Electrical Machines & Drives, ISBN 973-635-287-0, Brasov, May 20-21, 2004, pp.189-195	20/1=20
			38. M. Gaiceanu, The second order DC load current estimator for quasi-sinusoidal ac-ac converter sytem, Acta Electrotehnica, Mediamira Science Publisher, Vol.45, No.3, ISSN 1224-2497, 2004, *Articol indexat CSA* http://www.openaccessarticles.com/journal/1841-3323_Acta_Electrotehnica+---	20/1=20

			39. Gaiceanu, M. Artificial-intelligence-based hybrid-optimal controller for induction motor (2004) The 4th International Symposium on Advanced Electromechanical Motion Systems, ELECTROMOTION '2001, Bologna, Italy Source: Scopus Print (39 January 2012) *Articol indexat Scopus*	20/1=20
			40. Energy efficient control of DC electric drives in stationary regimes Authors of Document Paduraru, R., Munteanu, T., Dache, C., Rosu, E., Gaiceanu, M. Year the Document was Publish 2012 Source of the Document 2012 16th International Conference on System Theory, Control and Computing, ICSTCC 2012 - Joint Conference Proceedings Number of Documents that reference this Document 0 Show record link row Indexat Scopus, IEEE **Energy efficient control of DC electric drives in stationary regimes** Paduraru, R. ; Munteanu, T. ; Dache, C. ; Rosu, E. ; Gaiceanu, M. System Theory, Control and Computing (ICSTCC), 2012 16th International Conference on Publication Year: 2012 , Page(s): 1 - 6 IEEE Conference Publications	20/5=4
			41. Document Adaptive control of the three-phase squirrel cage induction motor with load torque estimator Authors of Document Gaiceanu, M., Rosu, E., Dache, C., Paduraru, R., Munteanu, T. Year the Document was Publish 2012 Source of the Document Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment, OPTIM Number of Documents that reference this Document 1 Indexat Scopus, Indexat WorldCat	20/5=4

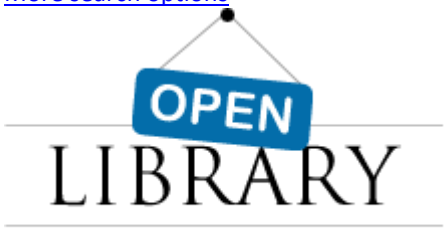
			42. Document Proceedings - 3rd International Symposium on Electrical and Electronics Engineering, ISEEE 2010: Welcome message Authors of Document Voncila, I., Gaiceanu, M. Year the Document was Publish 2010 Source of the Document Proceedings - 3rd International Symposium on Electrical and Electronics Engineering, ISEEE 2010 Number of Documents that reference this Document 0 Show record link row View at Publisher	20/2=10
			43. Optimal Control For Ac Drives Supplied From Pwm Voltage Source Inverter. Rosu, E. ; Gaiceanu, M. ; Bivol, I. Optimization of Electrical and Electronic Equipments, 1998. OPTIM '98. Proceedings of the 6th International Conference on Volume: 2 DOI: 10.1109/OPTIM.1998.707969 Publication Year: 1998 , Page(s): 427 - 432 Cited by: Papers (2) IEEE Conference Publications Quick Abstract | PDF (508 KB) Source: Scopus Print (39 January 2012)	20/3=6.67
			44. Rosu, E., **Gaiceanu, M.,** Bivol, ***Load Torque Estimation for AC Motors*** , CNAE '98, The 9th Symposium on Electrical Drives, Craiova, pp. 221-224, 8-9 oct.1998, Sitech Publisher, Craiova 1998, ISBN 973-9346-68-5; Source: Scopus Print (39 January 2012), Indexat Google Scholar http://scholar.google.ro/scholar?q=Load+Torque+Estimation+for+AC+Motors+++Gaiceanu&btnG=&hl=ro&as_sdt=0%2C5	20/3=6.67
			45. M. Gaiceanu, "AC-AC converter with load power estimator," TEQREP Workshop Bucharest, pp. 67-72, April 2004. ISBN 973-652-961-4. **Source: Scopus Print (39 January 2012)** Indexat Scopus http://masters.donntu.org/2008/eltf/vishnev/library/stat10.htm	20/1=20
			46. Foreword (View in Scopus), Gaiceanu M., 2013 4th International Symposium on Electrical and Electronics Engineering, ISEEE 2013 - Proceedings	20

			47. Integrated Solid Oxide Fuel Cell Power System Characteristics Prediction Authors**: Marian GAICEANU, Gianmichele ORSELLO** Publisher**: Universitatea Dunarea de Jos** Date of publication**: 2009 July** Published in**: Annals of Dunarea de Jos, Vol 32, Iss 1, Pp 18-23 (2009)** ISSN(s)**: 1221-454X** Keywords**: solid oxide fuel cell, power conditioning system, mathematical model** Full text**: http://www.ann.ugal.ro/eeai/archives/2009/Lucrare-03-Gaiceanu.pdf** Journal Language(s)**: English** Journal License**:** (cc) BY Country of publisher**: Romania** Abstract**: (expand)** SHARE **IndexatDOAJ**	20/2=10
			48. Power conditioning system topology for grid integration of wind and fuell cell energy Authors**: Marian GAICEANU** Publisher**: Universitatea Dunarea de Jos** Date of publication**: 2006 December** Published in**: Annals of Dunarea de Jos, Vol 2006, Iss 1, Pp 110-115 (2006)** ISSN(s)**: 1221-454X** Keywords**: Renewable energy, fuel cell, SOFC, wind-turbine, power conditioning, grid-interface** Full text**: http://www.ann.ugal.ro/eeai/archives/2006/Lucrare-19-Gaiceanu.pdf** Journal Language(s)**: English** Journal License**:** (cc) BY Country of publisher**: Romania** Abstract**: (expand)** SHARE **IndexatDOAJ**	20

			49. Active power compensator of the current harmonics based on the instantaneous power theory Authors**: Marian GAICEANU** Publisher**: Universitatea Dunarea de Jos** Date of publication**: 2005 December** Published in**: Annals of Dunarea de Jos, Vol 2005, Iss 1, Pp 22-27 (2005)** ISSN(s)**: 1221-454X** Keywords**: Active Power Filter, instantaneous power theory, harmonics compensation** Full text**: Active Power Filter; instantaneous power theory; harmonics compensation** Journal Language(s)**: English** Journal License**:** (cc) BY Country of publisher**: Romania** Abstract**: (expand)** SHARE **IndexatDOAJ**	20
			50. Optimal Control Development System for Electrical Drives Subjects**:** Electrical engineering. Electronics. Nuclear engineering, Technology, Electrical and Nuclear Engineering, Technology and Engineering, Electronic computers. Computer science, Instruments and machines, Mathematics, Science, Computer Science, Technology and Engineering, Electrical engineering. Electronics. Nuclear engineering, Technology, Electrical and Nuclear Engineering, Technology and Engineering, Electronic computers. Computer science, Instruments and machines, Mathematics, Science, Computer Science, Technology and Engineering, Electrical engineering. Electronics. Nuclear engineering, Technology, Electronic computers. Computer science, Instruments and machines, Mathematics, Science, Electrical engineering. Electronics. Nuclear engineering, Technology, Electronic computers. Computer science, Instruments and machines, Mathematics, Science, Electrical engineering. Electronics. Nuclear engineering, Technology, Electronic computers. Computer science, Instruments and machines, Mathematics, Science Authors**: Marian GAICEANU, Emil ROSU, Romeo PADURARU, Cristinel DACHE** Publisher**: Universitatea Dunarea de Jos** Date of publication**: 2008 July** Published in**: Annals of Dunarea de Jos, Vol 31, Iss 1, Pp 5-10 (2008)** ISSN(s)**: 1221-454X** Keywords**: optimal control, matrix Riccati differential equation, electrical drive, induction motor** Full text**: http://www.ann.ugal.ro/eeai/archives/2008/Lucrare-01-Gaiceanu.pdf** Journal Language(s)**: English** Journal License**:** (cc) BY Country of publisher**: Romania** Abstract**: (expand)** SHARE **IndexatDOAJ**	20/4=5

			51. Marian Gaiceanu, Gianmichele Orsello **Steady State Model of 100kWe SOFC Power Conditioning System** **http://www.leonardo-energy.org/files/root/EPQU/2007conference/p282.pdf** **http://65.54.113.26/Publication/6144319/steady-state-model-of-100kwe-sofc-power-conditioning-system** Subscribe Academic/Publications/Steady State Model of 100kWe SOFC Power Conditioning System Microsoft Academic Search	20/2=10
			52. Gaiceanu, M. The optimal control of electrical drives with induction motors (1996) Power Electronics and Advanced Control in Electrical Drives. Cited 1 time. Source: Scopus Print (39 January 2012)	20/1=20
			53. Gaiceanu M**.,** *An inference of optimal control law by using adaptive control***, NORPIE 2000, Proceedings of 2000 IEEE Nordic Workshop on Power and Industrial Electronics, Aalbourg University, Institute of Energy Technology, Denmark, pp.119-123, June 13-16, 2000, ISBN 87-89179-29-3** An Inference of Optimal Control Law by using Adaptive Control *By Marian Gaiceanu* [View] [Download] http://www.epe-association.org/epe/documents.search.php	20

			54. **Marian Gaiceanu**, Emil Rosu, A Fuzzy Solution of Optimal Control Problem with the Quadratic Performance Criteria, (www.fer.hr/epe-pemc2002 T9-026 DIALOGUE SESSION, MD1.5: Topic 9: Motion Control, Session: Optimal control), 10th International POWER ELECTRONICS and MOTION CONTROL Conference, EPE-PEMC 2002 Cavtat & Dubrovnik,IEEE, 9-11 September 2002, Cavtat & Dubrovnik, CROATIA, INSPEC 7203477, ISBN 953-184-047-4 **Material Type:** Conference publication **Document Type:** Book **All Authors / Contributors:** University of Zagreb. Faculty of Electrical Engineering and Computing. **ISBN:** 9531840474 9789531840477 **OCLC Number:** 807595141 **Description:** 1 disc optic (CD-ROM) **Details:** Requeriments del sistema: Pentium 200 Mz, 32Mb RAM, Microsoft Windows 95, 98, T Milleniu, 2000, XP Macintosh **Responsibility:** organisers: FER, Korem Croatian Society, The Polytechnc of Dubrovnik. A Fuzzy Solution of Optimal Control Problem with the Quadratic Performance Criteria *By E. Rosu; M. Gaiceanu* http://www.epe-association.org/epe/documents.search.php 1. COBISS.SI National library information system of Slovenia Maribor, 2000 Slovenia http://www.worldcat.org/title/epe-pemc-2002-proceedings/oclc/807595141	20/2=10

			55. Marian Gaiceanu, **Artificial-intelligence based hybrid-optimal controller for induction motor ,4th International Symposium on Advanced Electromechanical Motion Systems DS2A, ELECTROMOTION'01, Bologna, Italy, June 19-20, 2001, Dialogue Session, Paper no. RO-7/22, vol. 2, pp.437-442, ISBN 88-900615-0-2** http://www.worldcat.org/title/electromotion-01-4th-international-symposium-on-advanced-electromechanical-motion-systems-june-19-20-2001-s-giovanni-in-monte-centre-university-of-bologna-italy-proceedings/oclc/51971165 **Electromotion '01 : 4th International symposium on Advanced electromechanical motion systems : June 19-20, 2001, S. Giovanni in Monte Centre, University of Bologna, Italy : proceedings** **Publisher:** Bolgna : Dipartimento d ingegneria elettrica, Università deglistudi di Bologna, 2001. **Edition/Format:** Print book : Conference publication : English **Database:** orldCat https://openlibrary.org/works/OL13301544W/Electromotion_%2701 More search options  One web page for every book. Last edited by WorkBot 27 ianuarie 2010 | History **Electromotion '01 1 edition** By International Symposium on Advanced Electromechanical Motion Systems (4th 2001 Bologna, Italy) Electromotion '01 International Symposium on Adv ... **Read** No readable version available. **Borrow** Physical copy, local WorldCat **Buy** Alibris Amazon AbeBooks Biblio.com Book Depository Powells **Lists** You *could* add **Electromotion '01** to a list if you log in. Sheesh. There's no description for this book yet. Can you **help**? **Subjects** Congresses, Electromechanical devices, Electric motors	20

			56. Gaiceanu M.**, Rosu, E:** *An U-f optimal approximation for optimal control law***, ICEM 2000, Helsinki University of Technology, IEEE ESPOO Finland, Dialogue Session, pp.747-751, 28-30 August 2000, INSPEC 7355157, ISBN 951-22-5097-7.** http://books.google.ro/books/about/ICEM_2000_Proceedings.html?id=WJp5MwEACAAJ&redir_esc=y Titlu ICEM 2000 Proceedings: International Conference on Electrical Machines : 28-30 August 2000, Helsinki Autor Helsinki University of Technology. Laboratory of Electromechanics Editor Helsinki University of Technology, 2000 http://repo.bg.pw.edu.pl/index.php/pl/r#/info/book/WUT116894/Proceedings+of+International+Conference+on+Electrical+Machines+ICEM+2000+title;jsessionid=4ABB1BF44F126B047CA30B1C35EA7795?lang=en WorldCat http://www.worldcat.org/title/icem-2000-proceedings/oclc/58321802/editions?referer=di&editionsView=true http://www.worldcat.org/title/icem-2000-proceedings-international-conference-on-electrical-machines-28-30-august-2000-helsinki/oclc/807723265?ht=edition&referer=di **An U-f optimal control approximation for induction motor** *cat.inist.fr/?aModele=afficheN&cpsidt...* Traducerea acestei pagini de M GAICEANU - 2000 - Citat de 1 ori - Articole cu conţinut similar An *U-f optimal control law* is proposed in order to improve the energy power during the dynamic ratings of *AC drives* with *induction machine*. The *optimal control* ...	20/2=10
			57. Gaiceanu M.**,** *An inference of optimal control law by using adaptive control***, NORPIE 2000, Proceedings of 2000 IEEE Nordic Workshop on Power and Industrial Electronics, Aalbourg University, Institute of Energy Technology, Denmark, pp.119-123, June 13-16, 2000, ISBN 87-89179-29-3** **Indexat WorldCat** http://www.worldcat.org/title/proceedings-of-the-2000-ieee-nordic-workshop-on-power-andindustrial-electronics/oclc/476320965&referer=brief_results	20

			58. E. Rosu, M. Gaiceanu**:** *AN OPTIMAL CONTROL WITH ENERGETIC CRITERIA FOR DC DRIVES*, **European Power Electronics and Applications Conference, EPE'99, in coop. with IEEE-IAS, IEEE-PELS, IEE, IEE-Japan, Lausanne, Switzerland, Dialogue Session, INSPEC 6845093, CDROM Conf Record, (**www.epe-association.org/epe/documents.search.php**), 7-9 September1999, Publisher: EPE Assoc., Brussels, Belgium, ISBN 90-75815-04-2** Source: Scopus http://www.epe-association.org/epe/index.php?main=/epe/documents.php%3Fcurrent=634 An Optimal Control with Energetic Criteria for DC Drives *By E. Rosu; M. Gaiceanu* **8th European conference on power electronics and applications : EPE'99.** **Publisher:** EPE Association, 1999. **Edition/Format:** Print book : EnglishView all editions and formats **Database:** WorldCat **Rating:** (not yet rated) 0 with reviews - Be the first. **Subjects** • EPE • power electronics • electronics	20/2=10
			59. Rosu, E., **Gaiceanu, M.,** Bivol, I., ***Optimal Control Strategy for AC Drives*** **,** PEMC '98, The 8th International Power Electronics & Motion Control Conference, Prague, Czech Republic, Dialogue Session, pp. 4.160-4.165, 8-10 September 1998, Published by: Czech Technical University in Prague, 1998, ISBN80-01-01832-6 Optimal Control Strategy for AC Drives E Rosu, M Gaiceanu, I Bivol IEEE-PEMC 98, 4.160-4.165 Source: Scopus Print (39 January 2012) Volum Indexat Worldcat https://www.worldcat.org/title/pemc-98-8th-international-power-electronics-motion-control-conference-prague-czech-republic-8-10-september-1998-proceedings/oclc/70126439&referer=brief_results	20/3=6.67

			60. **Gaiceanu M.,** Rosu, E, Ana-Mari Tataru: ***Neuro-optimal controller for vector controlled induction motor*,** EPE-PEMC'2000, Kosice, Slovak Republic, in coop. with EPE, IEEE, IEE, IEE-Japan, Technical University, Dialogue Session , vol VI, pp.6.161-6.166, 5-7 September 2000, ISBN 80-75815-04-2 **Proceedings 9th International Conference and Exhibition on Power Electronics and Motion Control, EPE-PEMC 2000 Košice : 5 - 7 September 2000, Košice, Slovak Republic Vol. 1 Keynote, invited and special sessions** **Source: Scopus Print (39 January 2012)** **Author:** Viliam Fedák; EPE-PEMC; Technická Univerzita **ublisher:** Košice 2000 **Edition/Format:** Print book : English **Database:** WorldCat https://www.worldcat.org/title/proceedings-9th-international-conference-and-exhibition-on-power-electronics-and-motion-control-epe-pemc-2000-kosice-5-7-september-2000-kosice-slovak-republic-vol-1-keynote-invited-and-special-sessions/oclc/248062628&referer=brief_results	20/3-6.67
			61. **M. Gaiceanu,** Gianmichele Orsello Solid Oxide Fuel Cell Power Conditioning System, The 2nd **International** Symposium on Electrical and Electronics Engineering, 12-13 September, 2008, Galati, Romania, ISSN 1844 – 8054 (Print), ISSN 1842 – 8046 (CD-ROM), pp.134-139 https://www.worldcat.org/title/2nd-international-symposium-on-electrical-and-electronics-engineering-iseee-2008-september-12-13-galati-romania-proceedings/oclc/895301836&referer=brief_results **The 2nd International Symposium on Electrical and Electronics Engineering : ISEEE 2008 : September 12-13, Galati România : proceedings** **Author:** Dorel Aiordăchioaie; Marian Găiceanu **Publisher:** Galați : Galati University Press, 2008. **Edition/ormat:** Print book : English **Database:** WorldCat	20/2=10

			62. G. Fetecau, **M. Gaiceanu,** Aspects Regarding the Biogas Conversion Systems, The 2nd International **Symposium** on Electrical and Electronics Engineering, 12-13 September, Galati, Romania, ISSN 1844 – 8054 (Print) , ISEEE2008, ISSN 1842 – 8046 (CD-ROM), pp.372-376 https://www.worldcat.org/title/2nd-international-symposium-on-electrical-and-electronics-engineering-iseee-2008-september-12-13-galati-romania-proceedings/oclc/895301836&referer=brief_results **The 2nd International Symposium on Electrical and Electronics Engineering : ISEEE 2008 : September 12-13, Galati România : proceedings** **uthor:** Dorel Aiordăchioaie; Marian Găiceanu **Publisher:** Galați : Galati University Press, 2008. **Edition/Format:** Print book : English **Databae:** WorldCat Tinread http://193.231.136.4/opac/author/56551;jsessionid=B32C5788863EB871083E5C9DE9D1BBD0 • Aspects Regarding the Biogas Conversion Systems • **Tipul înregistrării:** Text tipărit: analitic (parte componentă) **Autor:** Fetecău, Grigore **Autor alternativ:** Găiceanu, Marian **Responsabilitate:** Grigore Fetecău, Marian Găiceanu **Limba:** Engleză **În:** ISEEE-2008/ Editorial Staff Dorel Aiordăchioaie, Marian Găiceanu. Galaţi, 2008. p 372-376 : fig. **Subiect:** bibliografie de referinţă **Subiect:** biogaz **Subiect:** conversia energiei **Subiect:** energie regenerabilă **Subiect:** generatoare electrice **Subiect:** modele matematice **Subiect:** turbine cu gaze **Clasificare:** 620.9	20/2=10

			63. **M. Gaiceanu,** G. Fetecau, Biogas- Electrical Energy Conversion System , The 2nd International Symposium on Electrical and Electronics Engineering, 12-13 September, Galati, 2008, Romania, ISSN 1844 – 8054 (Print) , ISSN 1842 – 8046 (CD-ROM), pp.377-381 https://www.worldcat.org/title/2nd-international-symposium-on-electrical-and-electronics-engineering-iseee-2008-september-12-13-galati-romania-proceedings/oclc/895301836&referer=brief_results **The 2nd International Symposium on Electrical and Electronics Engineering : ISEEE 2008 : September 12-13, Galati România : proceedings** **Author:** Dorel Aiordăchioaie; Marian Găiceanu **Publisher:** Galați : Galati University Press, 2008. **Edition/Format:** Print book : English **Database:** WorldCat • Biogas - Electrical Energy Conversion System • **Tipul înregistrării:** Text tipărit: analitic (parte componentă) **Autor:** Găiceanu, Marian **Autor alternativ:** Fetecău, Grigore **Responsabilitate:** M. Găiceanu and G. Fetecau **Limba:** Engleză **În:** ISEEE-2008/ Editorial Staff Dorel Aiordăchioaie, Marian Găiceanu. Galaţi, 2008. p 377-381 : fig. **Subiect:** bibliografie de referinţă **Subiect:** biogaz **Subiect:** conversia energiei **Subiect:** modele matematice **Subiect:** turbine cu gaze **Clasificare:** 620.9 http://193.231.136.4/opac/bibliographic_view/331935;jsessionid=9B1FC6EE3B52914CE71F153F908E89AD	20/2=10

			64. G. Fetecau, I. Voncila, **M. Gaiceanu,** Researches Regarding Magnet Permanent Synchronous Machines used in Biogas Energy Conversion Systems, The 2nd International Symposium on Electrical and Electronics Engineering, 12-13 September, 2008,Galati, Romania, ISSN 1844 – 8054 (Print) , ISSN 1842 – 8046 (CD-ROM), pp.382-386 https://www.worldcat.org/title/2nd-international-symposium-on-electrical-and-electronics-engineering-iseee-2008-september-12-13-galati-romania-proceedings/oclc/895301836&referer=brief_results **The 2nd International Symposium on Electrical and Electronics Engineering : ISEEE 2008 : September 12-13, Galati România : proceedings** **Author:** Dorel Aiordăchioaie; Marian Găiceanu **ublsher:** Galați : Galati University Press, 2008. **Edition/Format:** Print book : English **Database:** WorldCat	20/3=6.67
			65. **M. Gaiceanu**, *The Quasi-Direct PWM AC-AC Converter for Electrical Drives under Unbalanced and Distorted Operating Conditions*, The First International Symposium on Electrical and Electronics Engineering, ISEEE 2006 , 13-14 October 2006, Galati, **ISBN 978-973-627-325-4,** Romania **Articol indexat GoogleScholar** **http://scholar.google.ro/scholar?q=The+Quasi-Direct+PWM+AC-AC+Converter+for+Electrical+Drives+under+Unbalanced+and+Distorted+Operating+Conditions+Gaiceanu&btnG=&hl=ro&as_sdt=0%2C5** *[CITARE] The Quasi-Direct PWM AC-AC Converter for Electrical Drives under Unbalanced and Distorted Operating Conditions* M Gaiceanu - The First International Symposium on Electrical and …, 2006 Citat de 2 ori Articole cu conţinut similar Import în BibTeX Salvat Mai multe	20/1=20
			66. Gaiceanu, M., Rosu, E., Munteanu, T., Dumitriu, T., Paduraru, R., Dache, C. Optimal control for AC drives with quadratic criteria (2009) The 13th European Power Electronics and Applications Conference EPE'99. Cited 2 times. Source: Scopus Print (39 January 2012)	20/6=3.33
			67. Guzun, B.D., Mucichescu, C., Barglazan, M., Gaiceanu, M. Optimal High Power Pumped-Storage System (2006) Rev. Energetica, (11), pp. 487-491 Source: Scopus Print (39 January 2012)	20/4=5
			68. Rosu, E., Bivol, I., Nichita, C., Gaiceanu, M. (1999) Optimal Control with Energetic Criteria of Electrical Drives. Cited 1 time. Source: Scopus Print (39 January 2012)	20/4=5
			69. Gaiceanu, M., Rosu, E., Lungeanu, F., Bivol, I. (1999) The stator voltage optimal space-vector for induction machine, ElectroMotion'99, 1, pp. 297-302. Source: Scopus Print (39 January 2012) Source: Scopus	20/4=5

			70. Analysis of the nonrecursive solution of the matrix differential Riccati equation to improve the energy consumption for the three-phase induction motor Gaiceanu, M., Rosu, E., Calueanu, D., 2000, CNAE '2000. The 10th Symposium on Electrical Drives, Iasi, Romania, 11-13 Oct. 2000 , pp. 99-104 Source: Scopus	20/3=6.67
			71. An Uf optimal approximation for optimal control law, Gaiceanu, M., Rosu, E. 2000, ICEM 2000 2 , pp. 747-751, Source: Scopus	20/2=10
			A2.2=	**847.00**
	Granturi/ proiecte câștigate prin competiție **(minim 2)**	A2.3.1 **(minim 2)**	A.2.3.1.1 **1.** Grant individual de cercetare cu finanțare internațională (Marie Curie**). Responsabil de proiect international individual de cercetare,** nivel 30 postdoctoral, câştigat prin competiţie intenaţională, finantat de Uniunea Europeană, în cadrul Marie Curie Host Fellowship, HPMI-CT-2001-00129-02, Titlul proiectului individual de cercetare: **Power Electronics Package for Electric Vehicles and Utilities** (*Power Converters for Power Quality of the Electrical Grid)*, SIEI S.p.A (Società Industriale Elettrotecnica Italiana), Gerenzano (Varese) şi Departamentul de Inginerie Electrică Industrială, Politehnica din Torino, Italia, 25 febr. 2002- 24 febr. 2004. Proiecte finalizate, în calitate de **responsabil:** **A.1. AC-AC Power Converter** **A.2 Active Power Filter** Sursa de finanțare: Uniunea Europeană Durata: 25.02.2002-24.02.2004 Buget: 101112 euro. **Confirmare câștigare concurs:** Brussels 11/12/01, DG Research-D2/PZ D (2001) **Responsabil Proiect** individual de cercetare: **Power Electronics Package for Electric Vehicles and Utilities** **Raport stiintific final** : confirmare realizare prototipuri AC/AC Power converter, Active Power Filter **Contract de finanțare: HPMI – GH-01-00129-02 ;** **Annex I- Description of the activities in the framework of the research area (descrierea activității: realizarea a două prototipuri industriale).**	(1*20)= 20
			2. Grant de cercetare cu finanțare internațională **Project No** : 2014-2-TR01-KA205-013693, **Project Title**: Academy of International Techno Entrepreneurship – AITE, Axa II Inovare Sursa de finanțare: Uniunea Europeană Durata: 01.03.2015-01.03.2017 Buget: 51628 euro. **Contract de finanțare: 9475/23.03.2015 (24505EURO) ; completări : 20003/9.06.2016 (51628EURO)** **Contract de muncă: 3024/22.04.2015 (E. Felul muncii Director de proiect)** **Decizia nr. 457/26.05.2015- Director de proiect**	20*1=20

			3. **Responsabil proiect cercetare** *Sviluppo di una unita-CHP a celle a combustibile* - Inginerie electrică (proiectul conține parte de Inginerie electrică și parte de Inginerie chimică), . - Invitație 2954/27.02.2006, Responsabil proiect pe partea de Inginerie electrică, ocupare poziție responsabil proiect, Sviluppo di una unita-CHP a celle a combustible - certificat 42/23.02.2006+Regulament -certificat 57/2006, titular Politehnica din Torino pentru activitati de predare și de cercetare științifică pentru proiectul *Sviluppo di una unita-CHP a celle a combustibile* - contract 079/2006/AR - certificare conducere proiecte Sisteme cu pile de combustie (Celco-Yacht și Micro-CHP) CELCO – YACHT Sistema a celle a combustibile APU e propulsione di. imbarcazioni da diporto: D.G.R. 24 novembre 2003 n. 8 – 11048, Sviluppo di un sistema a celle a combustibile per l'alimentazione degli ausiliari di bordo e la propulsione di una imbarcazione da diporto, Acronimo: CelcoYACHT, Regione Piemonte, Responsabil implementare-M.Gaiceanu. **MicroCHP:** Sviluppo di una unita micro-CHP a celle a combustibile; acronimo: Micro-CHP, Regione Piemonte, Responsabil implementare-M.Gaiceanu **Perioada de derulare:** 2006-2007 Buget: 17700,00EURO	(1*20)= 20
			A.2.3.1.2 4. Director de proiect PN-II-PT-PCCA 2011-3.2-1680, Contract nr: 41/02.07.2012, Titlul proiectului: „Sistem regenerativ integrat de acționări electrice", „Integrated Regenerative Electric Drive System", 2012-2016, 3959274 lei Sursa de finanțare: UEFISCDI Durata: 2.07.2012-1.07.2016 Buget: 3959274 lei **Contract de finanțare 41/2012 (15928/02.07.2012)+act aditional nr.4/2015 (9327/20.03.2015);** **Contract de muncă: 2190/02.08.2012 + 4011/30.06.2015 (E. Felul muncii Director de proiect)** **Decizia nr. 1608/01.08.2012- Director de proiect**	(2.5*10)= 25
			5. Grant cu **finanțare națională** pentru organizarea de manifestări științifice (MEN) – **Responsabil proiect national** pentru finantare manifestari stiintifice internationale, contract nr. 57M/2013, Art.1. alin2., OG 22/2002,ISEEE2013, Valoarea proiectului: 1958,11RON câștigat prin competiție nationala. Diseminarea cercetării Sursa de finanțare: MEN Durata: 11.10.2013-13.10.2013 Buget: 1958,11RON **Contract de finanțare 57M/16.09.2013 Ministerul Educației Naționale**	0.1

			6. Grant cu **finanțare națională** pentru organizarea de manifestari științifice (MEN) – **Responsabil proiect national** pentru finantare manifestari stiintifice internationale, contract nr.22003 /01.09.2010, ISEEE2010, Valoarea proiectului: 4831.99RON câștigat prin competiție nationala. Diseminarea cercetării Sursa de finanțare: ME Durata: 16.09.2010-18.09.2010 Buget: 4831.99RON **Contract de finanțare** 22003 /01.09.2010 ANCS **Autoritatea Națională pentru Cercetare Științifică**	0.25
		A2.3.2	A.2.3.2.1 1. EEA Grants RO-0054, Integrated microCCHP-Stirling Engine base on renewable energy sources for the isolated residential consumers from South-East region of Romania (m-CCHP-SE), Directot: Prof.dr.ing. Nicolae Badea **Membru al echipei de implementare. Perioada de derulare: 2009-2011.** Sursa de finanțare: EEA Grants Durata: 2009-2011 Buget: 2910955 EURO	4*3=12
			2. EOS: Energia da Ossidi Solidi, Siemens Fuel Cells SFC-200 (old nomenclature: CHP125), Regione Piemonte in colaboration with European Union, specializare in *POWER CONDITIONING FOR STATIONARY FUEL CELLS BASED ON THE SOLID OXIDE TECHNOLOGY (SOFC)*, **Turbocare-Siemens**, Corso Romania, 661 -10156 – Torino, Italy **Membru al echipei de implementare. Perioada de derulare:** 2006-2007	6
			A.2.3.2.2 **1.** Contract POSDRU/189/2.1/G/155944/ Practica in studentie-Garantia unui loc de munca, Director Camelia Frigioiu, Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013, Axa prioritară 2 ,, Corelarea invatarii pe tot parcursul vietii cu piata muncii'', Domeniul major de intervenţie 2.1. ,, Tranzitia de la scoala la viata activa'' Titlul proiectului: PRACTICA IN STUDENTIE - GARANTIA UNUI LOC DE MUNCA Contract nr. POSDRU/189/2.1/G/155944 Membru in echipa: expert grup țintă, M. Gaiceanu Perioada de derulare: iulie 2015-decembrie 2015 Buget: 450000Euro	2*0.5=1

			2. Contract POSDRU/60/2.1/S/17788, titlul Modern practical stages in electrotechnical field, Responsabil Prof Dumitrescu Mariana, Buget: 500000Euro Membru al echipei de implementare. Perioada de derulare: 2010-2012, Stagii moderne de practică în domeniul electrotehnic - FONDUL SOCIAL EUROPEAN - Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013; Axa prioritară nr. 2 „Corelarea invățării pe tot parcursul vieții cu piața muncii"; Domeniul major de intervenţie 2.1 „Tranziția de la școală la viața activă". Membru in echipa: expert, M. Gaiceanu Perioada de derulare: 2010-2012 Buget: 500000Euro	2*3=6
			3. Cercetator principal in proiectul cu titlu Optimizarea pe criterii energetice a sistemelor de conversie electromecanica cu masini de c.c. si c.a., contract 715/19.01.2009, director de proiect Prof. Rosu Emil, Cercetator principal in echipa de cercetare-M.Gaiceanu Perioada de derulare: 2009-2011. Buget 245477,83lei	2*3=6
			4. Contract CEEX nr.168/20.07.2006 „Cercetări privind interconectarea subansamblelor unui sistem de conversie eolian-electrică a energiei în scopul creşterii eficienţei pentru o aplicaţie specifică - SISTEOL", Responsabil contract: Prof. dr. ing. Nicolae Badea **Responsabil stiintific proiect -M Gaiceanu** **Perioada de derulare: 2006-2008.** **Buget:250000lei**	6
			5. Contract CEEX-AMCSIT, nr. 239/20.07.2006, „Sisteme autonome avansate pentru producerea de energie electrică şi termică utilizând biogazul ca sursă regenerabilă-SAPETBIO", Responsabil proiect: Prof. dr. ing.Grigore Fetecău. **Membru al echipei de implementare-M.Gaiceanu.** **Perioada de derulare: 2006-2008.** **Buget:187500lei**	6

			6. Contract CEEX – MENER, nr. 603/03.10.2005, „Metode avansate de control pentru eficientizarea producerii şi utilizării energiei" – MACEN, Responsabil proiect: Prof. dr. ing. Emil Mina Roșu. **Cercetator principal-M.Gaiceanu** **Perioada de derulare: 2005-2008.** **Buget 412924.84lei**	6
			7. Program INFOSOC, cat. Proiect CP D, Sistem inteligent de modelare matematica, monitorizare si conducere a proceselor de turnare continua a materialelor feroase si neferoase, 2001, contract46/12/11/2001, Membru al echipei de implementare-M.Gaiceanu	2
			8. Grant AT2001, tema 21, cod 48, Tehnici hibride aplicate in modele duale disponibilitate-siguranta, director Conf. Mariana Dumitrescu, 2001, Membru al echipei de implementare-M.Gaiceanu	2
			9. Grant AT2001, tema 15, cod 129, Tehnici hibride aplicate in modele duale disponibilitate-siguranta, director Conf. Mariana Dumitrescu, 2000, Membru al echipei de implementare-M.Gaiceanu	2
			A2.3=	**140.35**
	Contracte de cercetare/ consultanță (minim 2000 euro)	A2.4	A2.4.1 1. Responsabil cu partea de automatizare din cadrul proiectului-TRATLAM, titlul proiectului Modernizarea fluxului de productie benzi din otel laminate la rece prin implementarea unor idei brevetate si integrarea fazelor intermediare de tratament termic si laminare, POSCCE, Axa prioritara 2-Competitivitate prin cercetare, dezvoltare tehnologica si inovare, Operatiunea 2.3.3-Promovarea inovarii in cadrul intreprinderilor, coordonator SC Galfinband SA Perioada de derulare: 2013, iunie-octombrie. Sursa de finantare: UEFISCDI Buget: 2.887.325lei	5/12*5= 2

			2. Responsabil proiect cu partea de automatizare cu titlul Tehnologii de obtinere a benzilor subtiri din otel cu valoare adaugata ridicata prin acoperire chimica cu aliaje de nichel si compozite in matrice de nichel, acronim NICOVER, Program Inovare, coordonator SC Galfinband SA, Perioada de derulare: 2013-2015. Sursa de finantare: UEFISCDI Buget: 531133lei	
			3. Responsabil laborator de cercetare Sisteme regenerative de actionare electrica din cadrul Centrului de cercetare Sisteme integrate de conversie a energiei și conducere avansată a proceselor complexe – SICECAPC, Informaţii(.pdf) www.cciea.ugal.ro	
			A2.4=	**2**
			TOTAL PUNCTAJ CRITERIU A2	**1341.99**
A3 Recunoasterea impactului activitatii **(minim 30 puncte)**	Citări în reviste și volumele conferințelor ISI și BDI	A3.1.1.	***Citări în reviste si volumele* conferințelor *ISI:***	59.46
			1. Fuzzy logic controller for three-level shunt active filter compensating harmonics and reactive power S Saidi, R Abbassi, S Chebbi - International Journal of …, 2015 - Wiley Online Library Summary In this paper, the use of a three-level inverter as a shunt active power filter is carried out, taking advantage of the benefits of multi-level inverter, namely, the reduction both in the overall switching losses and in total harmonic distortion. The main focus of this **...** Citat de 97 ori Articole cu conţinut similar Toate cele 4 versiuni Web of Science: 27 Citaţi Salvaţi Article first published online: 2 NOV 2015, DOI: 10.1002/acs.2637, Copyright © 2015 John Wiley & Sons, Ltd. ref.to Active power compensator of the current harmonics based on the instantaneous power theory, M.Gaiceanu, The Annals of Dunarea de Jos University of Galati, Fascicle III, ISSN 1221-454X, pp.23-29, 2005, DOI: E008442	5

			2. **Direct torque control implementation with losses minimization of induction motor for electric vehicle applications with high operating life of the battery, http://www.sciencedirect.com/science/article/pii/S0360319915009404** F Tazerart, Z Mokrani, D Rekioua, T Rekioua - International Journal of Hydrogen, 2015 - Elsevier Abstract In recent years, the electric vehicle (EV) motorization control takes a considerable interest of industrials. This paper, introduces a new approach to the direct torque control (DTC) with loss minimization of induction machine (IM) drive which is proposed for EV **...** Citat de 1 ori Articole cu conţinut similar Citaţi Salvaţi ref.to The optimal control for position drive system with induction machine , **TMunteanu. ERosu, RPaduraru, MGaiceanu,** Book Group Author(s): IEEE Conference: 13th European Conference on Power Electronics and Applications (EPE 2009) Location: Barcelona, SPAIN Date: SEP 08-10, 2009 EPE: 2009 13TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, VOLS 1-9 Pages: 3380-3387 Published: 2009	=5/6=0.83
			3. **An Effective Power Management Strategy for a Wind–Diesel–Hydrogen-Based Remote Area Power Supply System to Meet Fluctuating Demands Under Generation …** N Mendis, KM Muttaqi, S Perera… - … IEEE Transactions on, 2015 - ieeexplore.ieee.org Abstract—This paper addresses power management strategies, including technical issues and control methodologies, for a winddominated hybrid remote area power supply (RAPS) system. The system consists of a doubly fed induction generator, a diesel generator, a **...** Citat de 1 ori Articole cu conţinut similar Toate cele 6 versiuni Citaţi Salvaţi Ref. To Grid connected wind turbine-fuel cell power system having power quality issues, **Gaiceanu**, M., Fetecau, G., Electrical Power Quality and Utilisation, Barcelona, Spain, 9-11 Oct. 2007	=5/2=2.5

			4. Tri-generation based hybrid power plant scheduling for renewable resources rich area with energy storage FR Pazheri - Energy Conversion and Management, 2015 - Elsevier Abstract Solving power system scheduling is crucial to ensure smooth operations of the electric power industry. Effective utilization of available conventional and renewable energy sources (RES) by tri-generation and with the aid of energy storage facilities (ESF) can **...** Citat de 2 ori Articole cu conţinut similar Citaţi Salvaţi Ref.to Theoretical and experimental research on the methodology of designing a system of trigeneration..., Paraschiv, Ion; Badea, Nicolae; Voncila, Ion; **Gaiceanu, Marian**	=5/4=1.25
			5. Power Electronic Converters for Microgrids, De Suleiman M. Sharkh,Mohammad A. Abu-Sara,Georgios I. Orfanoudakis,Babar Hussain, 2014, Wiley Press http://www.google.ro/books?hl=ro&lr=&id=wmFiAwAAQBAJ&oi=fnd&pg=PP15&dq=gaiceanu&ots=RUny0TbvZc&sig=Jwqw_J3oqHB4yYXK-ihSbKMFmvA&redir_esc=y#v=onepage&q=gaiceanu&f=false ref.to Gaiceanu M., Inverter Control for Three-Phase Grid Connected Fuel Cell Power System, Compatibility in, CPE 2007	5/1=5
			6. Study on Single-Phase Grid-Connected Inverter Based on PI Control LJ Hou, CQ Zhu, YF Zhao, XF Yan - Applied Mechanics and Materials, 2015 **...** for the Regenerative Loads. Authors: Marian **Gaiceanu**, Adriana Burlibasa, Cristian Eni, Mihaita Coman. Chapter 4: Advanced Manufacturing and Computer Engineering, Applications of Automation. Abstract: Grid-connected power **...** Periodical Applied Mechanics and Materials (Volume 721) Main Theme Vehicle, Mechanical and Electrical Engineering Chapter 4: System Modeling and Algorithms for Intelligent Automation and Control Systems , Edited by Zhigang Fang, Jianjun Xu and Pin Wang , Pages 249-252 , DOI 10.4028/www.scientific.net/AMM.721.249 , Citation , Li Jian Hou et al., 2014, Applied Mechanics and Materials, 721, 249 , Online since , December 2014, Authors Li Jian Hou *, Chang Qing Zhu, Yue Fei Zhao, Xue Fei Yan Keywords Electronic Load, LCL Filter, Simulation, Voltage Feedforward Control Ref to State Feedback Current Control of the Three-Phase Grid Connected Power Inverter for the Regenerative Loads Authors: Marian Gaiceanu, Adriana Burlibasa, Cristian Eni, Mihaita Coman Chapter 4: Advanced Manufacturing and Computer Engineering, Applications of Automation Abstract:Grid-connected power converters are controlled by the current loop, the voltage being delivered by the grid. The proposed state feedback...	5/4=1.25

			7. Regenerative control of DC drive system, Raja Rajan, S. ; Dept. of Electron. & Instrum. Eng., Valliammai Eng. Coll., Chennai, India ; Srinivasan, A. ; Visalakshi, Advanced Communication Control and Computing Technologies (ICACCCT), 2014 International Conference on . 8-10 May 2014, pp. 43 – 46, ISBN: 978-1-4799-3913-8, DOI: 10.1109/ICACCCT.2014.7019484, Ramanathapuram, Publisher: IEEE http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7019484&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D7019484 Ref. to Inverter Control for Three-Phase Grid Connected Fuel Cell Power System, Compatibility in, M. Gaiceanu, CPE 2007	5/1=5
			8. Fuel Cell Based Hybrid Distributed Generation Systems, "A Review" Sanjeev K Nayak, and D. N Gaonkar, pp525-530, ISBN 978-1-4799-0910-0, **Published in:** Industrial and Information Systems (ICIIS), 2013 8th IEEE International Conference on , 17-20 Dec. 2013, pp. 525 – 530, Print ISBN: 978-1-4799-0908-7, Publisher:IEEE Ref to 9. Gaiceanu M and Fetecau G " Grid connected wind turbine fuel cell power system having power quality issues" Int, Proc on Electrical Power Quality And Utilization, Barcelona, pp.9-11	5/2=2.5
			9. Akermi, S, Hidouri, N. ; Sbita, L., A Static Var Compensator controlled topology for a grid connected photovoltaic system, IEEE *Xplore* Digital Library| A Static Var Compensator controlled topology for a grid connected photovoltaic system S Akermi, N Hidouri, L Sbita - Renewable Energy Congress (IREC), 2014 5th …, 2014 Ref.to M. Gaiceanu," Advanced State Feedback Control of Grid-Power nverter,"Energy Procedia, vol. 14, pp.1464-1470, 2012. [CrossRef]	5/1=5
			10. [PDF] Minimization of Energy Losses in the Traction Drive of HEV using Optimized Adaptive Control M Alnajjar, D Gerling, VPPC 2014 **...** USA. [13] M. **Gaiceanu**, and A. Minzararu, Optimal Control of Permanent Magnet Synchronous Machines for Cold Rolling Mills, 3rd International Symposium on Electrical and Electronics Engineering, 2010, Galati, Romania. **...** Ref to [13] M. Gaiceanu, and A. Minzararu, Optimal Control of Permanent Magnet Synchronous Machines for Cold Rolling Mills, 3rd International Symposium on Electrical and Electronics Engineering, 2010, Galati, Romania.	5/2=2.5
			11. A power parallel active filter with higher efficiency SK Podnebennaya, VV Burlaka, SV Gulakov - Russian Electrical …, 2013 – Springer, ref. to M. Gaiceanu, "Active power compensator of the current harmonics based on the instantaneous power theory", The annals of "dunarea de jos" University of Galati FASCLE III. ISSN 1221-454X, pp.23-28,	5/1=5

			12. Analytical Solution of Optimized Energy Consumption of Induction Motor Operating in Transient Regime R Abdelati, M Faouzi Mimouni - European Journal of Control, 2011 - Elsevier Ref. to The optimal control for position drive system with induction machine, : Munteanu, T (Munteanu, Tr.)[1]; Rosu, E (Rosu, E.)[1]; Gaiceanu, M (Gaiceanu, M.)[1]; Paduraru, R (Paduraru, R.)[1]; Dumitriu, T (Dumitriu, T.)[1]; Culea, M (Culea, M.)[1]; Dache, C (Dache, C.)[1] Book Group Author(s): IEEE, Conference: 13th European Conference on Power Electronics and Applications (EPE 2009) Location: Barcelona, SPAIN Date: SEP 08-10, 2009 EPE: 2009 13TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, VOLS 1-9 Pages: 3380-3387 Published: 2009	5/7=0.71
			13. [PDF] ON-SITE EFFICIENCY EVALUATION FOR IN-SERVICE INDUCTION MOTORS E CAZACU, V NĂVRĂPESCU, IV NEMOIANU - revue.elth.pub.ro **Ref. to Optimal control using energy criteria for dc positioning drive, Rosu, E (Rosu, Emil)[1]; Munteanu, T (Munteanu, Traian)[1]; Gaiceanu, M (Gaiceanu, Marian)[1]; Paduraru, R (Paduraru, Romeo)[1]** **REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE Volume: 56 Issue: 1 Pages: 58-68 Published: JAN-MAR 2011**	5/4=1.25
			14. [PDF] Improvement of Input Power Factor in PWM AC Chopper by Selecting the Optimal Parameters A AURASOPON, W KHAMSEN - pe.org.pl, **... AC Choppers, IEEE Trans. Power Electronics, 10, No. 2, pp. 175-184, Mar. 1995.** ref to **Marian Gaiceanu**, Quasi-Direct PWM AC-AC Converter Solution for AC Drives, Przegląd Elektrotechniczny, 86, nr 3, pp. 225-229, 2010	5/1=5
			15. [PDF] Selection of a Drive Controllers' Parameters Using Genetic Algorithm and Different Quality Criteria R KLEMPKA - red.pe.org.pl **Page 1. PRZEGLĄD ELEKTROTECHNICZNY, ISSN 0033-2097, R. 89 NR 6/2013 125,** Ref. to Munteanu T., Paduraru R., Rosu E., Gaiceanu M., Dumitriu T., Dache C. Napęd DC optymalizowany pod kątem oszczędności energii, Przegląd Elektrotechniczny 12a/2011, 57 - 65	5/6=0.83
			16. Reduction of voltage harmonics using optimisation-based combined approach • RN Ray, D Chatterjee, SK Goswami - IET power electronics, 2010 – IET, Author(s): R.N. Ray 1 ; D. Chatterjee 2 ; S.K. Goswami 2 • View affiliations • Source: IET Power Electronics, Volume 3, Issue 3, May 2010, p. 334 – 344 DOI: 10.1049/iet-pel.2008.0299 , Print ISSN 1755-4535, Online ISSN 1755-4543 ref. to Grid connected wind turbine-fuel cell power system having power quality issues, M. Gaiceanu, G. Fetecau, *Grid connected Wind turbine-Fuel Cell Power System having Power Quality Issues*, EPQU'07 Barcelona, pp.7-13, 2007. ISBN 978-84-690-9441-9	5/2=2.5

			17. P. Balasubramaniam, J. A.Samath, N. Kumaresan, and A. V. A. Kumar Neuro Approach for Solving Matrix Riccati Differential Equation, Neural, Parallel & Scientific Computations, Volume 15, 2007, pp125-136, http://www.dynamicpublishers.com/Neural/NPSC2007/08-NPSC-2007-125-136.pdf Ref to: M.Gaiceanu, Rosu, Emil; Tataru, Ana-Mari M., Neuro-optimal controller for three-phase induction motor based on Levenberg-Marquardt training algorithm, Power System Technology, 2000. Proceedings. PowerCon 2000. International Conference on	5/3=1.67
			18. Saad S., Zellouma L. **Fuzzy logic controller for three-level shunt active filter compensating harmonics and reactive power** (2009), Laboratoire des Systèmes Electromécaniques, University of Badji-Mokhtar, Annaba, Algeria, ***Electric Power Systems Research***, Volume 79, Issue 10, October 2009, Pages 1337-1341, cu referire la GAICEANU: Active power compensator of the current harmonics based on the instantaneous power theory [J]. The Annals of "Dunarea de jos" University of Galati FASCLE III. ISSN 1221-454X, pp.23-28, 2005 http://www.sciencedirect.com/science?_ob=PublicationURL&_hubEid=1-s2.0-S0378779609X00088&_cid=271091&_pubType=JL&view=c&_auth=y&_acct=C000228598&_version=1&_urlVersion=0&_userid=10&md5=17fb8c8a6df936d8daec989b690dc436	5/1=5
			19. Exponentially convergent estimator to improve performance of voltage source converters , Leon, A.E., Solsona, J.A., Valla, M.I. 2010 *IET Power Electronics* 3 (5) , art. no. IPEEBO000003000005000668000001 , pp. 668-680 cu referire la M. Gaiceanu, "AC-AC converter with load power estimator," TEQREP Workshop Bucharest, pp. 67-72, April 2004. ISBN 973-652-961-4.	5/1=5
			20. Balasubramaniam P, Samath JA, Kumaresan N, et al., ***Solution of matrix Riccati differential equation for the linear quadratic singular system using neural networks***, APPLIED MATHEMATICS AND COMPUTATION 182 (2): 1832-1839, Publisher: ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY 10010-1710 USA, Subject Category: MATHEMATICS, APPLIED, IDS Number: 122CE, ISSN: 0096-3003, **ref.to** Gaiceanu M., **Rosu E., Tataru** A.-M. **Neuro-optimal controller for three-phase induction motor based on Levenberg-Marquardt training algorithm** (2000) *POWERCON 2000*, 1, pp. 97-102;	5/3=1.67
			A.3.1.1=	59.46
		A3.1.2	***Citări în reviste BDI:***	186,79

			1. **Torque ripple reduction method of permanent magnet synchronous motor by current sensor gain unbalance correction** J Itoh, Y Ikarashi, K Nishizawa… - … (IFEEC), 2015 IEEE 2nd …, 2015 - ieeexplore.ieee.org Abstract—This paper presents a new algorithm, which corrects gain unbalances of current sensors, applied in a conventional two-phase current detection for adjustable speed drive system of IPMSM. The gain unbalance of current sensors is corrected by utilizing the **...** Articole cu conţinut similar Toate cele 2 versiuni Citaţi Salvaţi Ref to Optimal control of Permanent Magnet Synchronous machines for cold rolling mills, By: **Gaiceanu, Marian**; Minzararu, Adrian	3/2=1.5
			2. **Two methods for compensating motor-current-sensor offset error by using DC-voltage component included in phase-voltage command for current-controlled PMSM …** H Tamura, J Itoh, Y Noto - … (EPE'15 ECCE-Europe), 2015 17th …, 2015 - ieeexplore.ieee.org Abstract Offset error of a motor-current sensor varies during motor drive and increases torque ripple. To maintain torque at a high quality, on-line methods for compensating that offset error are required. Accordingly, two methods for compensating offset error by using **...** Ref to Optimal control of Permanent Magnet Synchronous machines for cold rolling mills, By: **Gaiceanu, Marian**; Minzararu, Adrian	3/2=1.5

			3. **Control predictivo generalizado aplicado a un inversor multinivel en cascada para diseño de un filtro activo de potencia** ÍR Mogrovejo Peñaloza - 2015 - dspace.ups.edu.ec It was performed tests in balanced loads linear RL and nonlinear RL with half-wave rectifier that show performance-stability of GPC without-with online identification of APF. It was compared with strategy of the theory modified PQ. CHB-MLI 9 levels used CPSPWM for **...** Articole cu conţinut similar Toate cele 2 versiuni Citaţi Salvaţi Ref to Inverter control for three-phase grid connected fuel cell power system, By: **Gaiceanu, Marian** Book Group Author(s): IEEE Conference: 5th International Conference and Workshop on Compatibility in Power Electronics Location: Gdansk, POLAND Date: MAY 29-JUN 01, 2007	3
			4. **Control no lineal: aplicaciones en sistemas eléctricos** AE León - 2015 - repositoriodigital.uns.edu.ar En esta tesis se realiza un estudio para reducir el número de medidores que se necesitan para implementar controladores en convertidores AC-DC. Además, se investiga la aplicación de estrategias de control no lineal con el propósito de mejorar el desempeño **...** Articole cu conţinut similar Citaţi Salvaţi Ref.to **AC–AC converter with load power estimator,** M.Gaiceanu	3

			5. 基于滑模算法的两相混合式步进电机位置控制研究 董雷， 杨向宇 ， 赵世伟 - 微电机, 2015 - cqvip.com 为提高步进电机控制系统的动态性能和鲁棒性, 将滑模变结构控制应用到两相混合式步进电机的位置控制系统中, 通过选择合适的切换函数和趋近率, 设计滑模控制器取代传统PID控制的位置环和速度环, 使系统控制性能得到较大改善. 利用Maflab/Simulink 进行仿真, 并 (Dong Lei, Yang Xiangyu, ZHAO Shiwei, Research on Position Control of Two Stepping Motors Based on Sliding Mode Alghoritm, Micromotors, ISSN 1001-6848, Vol.48, No.9, Sep.2015, pp.49-53,)Articole cu conţinut similar Toate cele 2 versiuni Citaţi Salvaţi (http://www.cqvip.com/read/read.aspx?id=666278942) http://www.oriprobe.com/journals/wdj/2015_9.html, http://caod.oriprobe.com/articles/46910922/Research_on_Position_Control_of_Two_phase_Hybrid_Stepping_Motor_Based_.htm Ref to Nonlinear sliding-mode control for permanent magnet synchronous machine, Solea, Razvan; Gaiceanu, Marian; Codres, Bogdan, Cristinel Eni, OPTIM 2014	3/4=0.75
			6. The effects of auto-tuned method in PID and PD control scheme for gantry crane system S Hussien, S Yuslinda, HI Jaafar… - … Journal of Soft …, 2015 - eprints.utem.edu.my **...** AIM 2009. IEEE/ASME International Conference on, 2009, pp. 1094-1099. [12] M. **Gaiceanu** and F. Stan, "Motion control of a single-beam gantry crane trolley," in Electrical and Electronics Engineering (ISEEE), 2010 3rd International Symposium on, 2010, pp. 149-152. **...** Citat de 1 ori Articole cu conţinut similar Toate cele 3 versiuni Citaţi Salvaţi **The effects of auto-tuned method in PID and PD control scheme for gantry crane system** S Hussien, S Yuslinda, HI Jaafar… - … Journal of Soft …, 2015 - eprints.utem.edu.my Gantry crane system is a mechanism in heavy engineering that moves payload such container from one point to another. Generally, experienced operators or experts are required to control manually the gantry position while minimizing the payload vibration or **...** **THE EFFECTS ON SWAY ANGLE PERFORMANCE IN GANTRY CRANE SYSTEM BY USING PSD ANALYSIS** Ref.to Motion control of a single-beam gantry crane trolley, *Gaiceanu*, *M.*, and Stan, F. 2010	3/2=1.5

			7. Direct Torque Control optimization with loss minimization of induction motor **Conference Paper** · November 2014, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=7077002, DOI: 10.1109/CISTEM.2014.7077002 Conference: Electrical Sciences and Technologies in Maghreb (CISTEM), 2014 International Conference on, At Tunis, Tunisia, Volume: IEEE Published in: Electrical Sciences and Technologies in Maghreb (CISTEM), 2014 International Conference on, Date of Conference:3-6 Nov. 2014, Page(s):1 – 8, INSPEC Accession Number: 15026199, Conference Location : Tunis DOI:10.1109/ CISTEM.2014.7077002 Publisher: IEEE Ref to The optimal control for position drive system with induction machine, By: Munteanu, Tr.; Rosu, E.; **Gaiceanu, M.;** EPE: 2009 13TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, VOLS 1-9 Pages: 3380-3387 Published: 2009	3/6=0.5
			8. C.A.Pradeep Kumar, A.Benuel Sathish Raj, Comparative Study between Wind and Fuel Cell by Using Fuzzy Logic Control, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-3, Issue-3, February 2014, pp.292-298 Ref.to **Gaiceanu, M.& Fetecau G. (2007b).** Grid connected Wind turbine-Fuel Cell Power System having Power Quality Issues, EPQU'07 Barcelona, pp.7-13, 2007. ISBN 978-84-690-9441-9 9. **Gaiceanu M. (2007a)** Inverter Control for Three-Phase Grid Connected Fuel Cell Power System, The 5th International IEEE Conference CPE 2007, Compatibility in Power Electronics	3/2=1.5 3/2=1.5
			10. **[PDF] Design and Implementation of a Closed Loop Sensor-less Position/Speed/Current Control of a DC Motor using Neural Network for Robotic Applications** NA Yehia, S Rezeka, M El-Habrouk Page 1. Design and Implementation of a Closed Loop Sensor-less Position/Speed/ Current Control of a DC Motor using Neural Network for Robotic Applications NA Yehia #1 , S. Rezeka #2 , M. El-Habrouk #3 #1 Faculty of Engineering **...** International Journal of Advanced Scientific and Technical Research, Issue 5 volume 4, July.-August. 2015, ISSN 2249-9954, pp.691-717 Ref.to [60] R. Paduraru, T. Munteanu, C. Dache, E. Rosu, M. Gaiceanu, T. Dumitriu, —Field weakening optimal control of DC motor drive systems‖, 4th International Symposium on Electrical and Electronics Engineering (ISEEE), 11-13 Oct. 2013, Galati, pp. 1-4. ReGen	3/6=0.5

			11. Raghavendra Rao P, K Vasudeva Shettigar, Simulation of Advanced Perturb and Observe MPPT for a Standalone PV System, **ISSN (Online): 2278 – 8875, Vol. 4, Issue 12, December 2015,** IJAREEIE Ref.to MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration, M. Gaiceanu	3
			12. THE EFFECTS ON SWAY ANGLE PERFORMANCE IN GANTRY CRANE SYSTEM BY USING PSD ANALYSIS SYS Hussien, R Ghazali, HI Jaafar… - Jurnal …, 2015 - jurnalteknologi.utm.my **...** 2009). 2483–2487. [15] **Gaiceanu**, M., and Stan, F. 2010 "Motion Control of a Single-beam Gantry Crane Trolley," in Proceedings - 3rd International Symposium on Electrical and Electronics Engineering, ISEEE 2010. 149–152. **...** Articole cu conţinut similar Citaţi Salvaţi SYS Hussien, R Ghazali, HI Jaafar… - Jurnal …, 2015 - jurnalteknologi.utm.my Abstract Gantry Crane is also known as an overhead crane and widely used in industries, constructions or shipyards due to limited human capability to carry the various types of load. This system is developed to load and unload heavy materials from one place to another **...** Articole cu conţinut similar Citaţi Salvaţi Ref.to **Motion control of a single-beam gantry crane trolley,** Gaiceanu, Marian; Stan, Florin	3/2=1.5
			13. [PDF] Neutral Point Diode Clamped DSTATCOM by Using Fuzzy G Fuzzy Logic Co GP Reddy - Citeseer ABSTRACT This paper presents the three–level neutral point diode clam inverter is used in a distribution static compens (DSTATCOM), making use of the multi advantages of low harmonics distortion and reduced switch losses. The pulse width modulation (PWM) **...** Articole cu conţinut similar Citaţi Salvaţi Mai multe Ref. To Active power compensator of the current harmonics based on the instantaneous power theory, M. **Gaiceanu**	3
			14. Najib K. Dankadai, Ahmad Athif Mohd Faudzi *, Amir Bature, Suleiman Babani, Muhammad I. Faruk, Position Control of a 2D Nonlinear Gantry Crane System Using Model Predictive Controller, Applied Mechanics and Materials (Volume 735), Pages 282-288, DOI 10.4028/www.scientific.net/AMM.735.282 Ref.to Motion control of a single-beam gantry crane trolley, **Gaiceanu, Marian**; Stan, Florin	3/2=1.5

			15. „**Optimal analysis and control of 2D nonlinear gantry crane system,** AB Alhassan, BB Muhammad… - Smart Sensors and …, 2015 - ieeexplore.ieee.org Abstract—This paper presents a dynamic behaviour of a non linear and linear model of a gantry crane system based on the system parameters. The non linear model was derived using Lagrange equation followed by linearization using Taylor's series approximation. **...** Articole cu conţinut similar Citaţi Salvaţi Ref.to Motion control of a single-beam gantry crane trolley, **Gaiceanu, Marian**; Stan, Florin	3/2=1.5
			16. Application of STATCOM-supercapacitor for low-voltage ride-through capability in DFIG-based wind farm MK Döşoğlu, AB Arsoy, U Güvenç - Neural Computing and Applications, 2016 - Springer Abstract Low-voltage problem emerges in cases of symmetrical and asymmetrical fault in power systems. This problem can be solved out by ensuring low-voltage ride-through capability of wind power plants, through a static synchronous compensator (STATCOM). **...** Citaţi Salvaţi Ref.to **MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration** [PDF] de la researchgate.net, M.Gaiceanu	3
			17. Transient modeling and analysis of a DFIG based wind farm with supercapacitor energy storage MK Döşoğlu, AB Arsoy - International Journal of Electrical Power & Energy …, 2016 - Elsevier Abstract Energy storage system (ESS) coupled to a wind generator has been recommended in improving the stability of the power system to which the wind farm is connected. ESS is particularly preferred in enhancing low voltage ride through (LVRT) capability owing to its **...** Articole cu conţinut similar Citaţi Salvaţi Ref.to **MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration** [PDF] de la researchgate.net, M.Gaiceanu	3

			18. [PDF] Implementation of automatic PLC code from MATLAB simulation model using B&R automation target for simulink, Elsevier, pp.390-395, R Salunke, P Vikhe, T Sarode **...** References [1]Schiop, L., **Gaiceanu**, Mathematical Modelling Of Color Mixing Process And PLC Control Implementation By Using Human Machine Interface,Electrical& Electronics Engineering (ISEEE),3rd International Symposium on , vol., no., pp.165-170,16-18. **...** http://searchdl.org/public/book_series/AETS/6/30.pdf ref.to [1]Schiop, L., Gaiceanu, Mathematical Modelling Of Color Mixing Process And PLC Control Implementation By Using Human Machine Interface,Electrical& Electronics Engineering (ISEEE),3rd International Symposium on , vol., no., pp.165-170,16-18.	3/2=1.5
			19. *Noureddine Hidouri*,**Power Control Applied to a Grid Connected Fuzzy-MPPT Controlled Photovoltaic** System, Vol.2, No.2, Praise Worthy Prize http://www.praiseworthyprize.org/jsm/index.php?journal=irecon&page=article&op=view&path%5B%5D=15322 *Ref to* M. Gaiceanu. Advanced State Feedback Control of Grid- Power Inverter. Energy Procedia 14, 1464 – 1470, 2012	3/1=3
			20. S. Naga Santosh, Dr. N. Prema Kumar, Modelling of brushless dc motor using pid, pwm and cascaded controllers, IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 1 Issue 4, ISSN 2348 – 7968, June 2014, pp. 236-242 [PDF] MODELLING OF BRUSHLESS DC MOTOR USING PID, PWM AND CASCADED CONTROLLERS SN Santosh, NP Kumar Ref. to [10] M. Gaiceanu, Inverter Control for Three-Phase Grid Connected Fuel Cell Power System, Compatibility in Power Electronics, 2007. CPE '07,	3/1=3

			21. **Mopidevi Raghava and M Gopi Chand Naik,** Comparative study of recent advancements in regenerative drives in elevator systems, ***Int. J. Elec&Electr.Eng&Telecoms.,*** ISSN 2319 – 2518 www.ijeetc.com, ***Vol. 3, No. 2, April 2014, 2014 IJEETC, pp.56-68*** http://www.ijeat.org/attachments/File/v3i3/C2704023314.pdf ***Ref. to*** Gaiceanu M (2007), "Inverter Control for Three-Phase Grid Connected Fuel Cell Power System", Compatibility in Power Electronics, CPE'07, Digital Object Identifier: 10.1109/CPE.2007.4296506, pp. 1-6. PDF] COMPARATIVE STUDY OF RECENT ADVANCEMENTS IN REGENERATIVE DRIVES IN ELEVATOR SYSTEMS M Raghava, MGC Naik - 2014 Regenerative motor-drive systems are nowadays widely applied in numerous industrial applications. This paper is centered on comparing the application of the two well-known and recently used types of drives for AC gearless elevators. This paper presents a comparative **...** Ref to Gaiceanu M (2007), "Inverter Control for Three-Phase Grid Connected Fuel Cell Power System", Compatibility in Power Electronics, CPE'07, Digital Object Identifier: 10.1109/CPE.2007.4296506, pp. 1-6.	3/1=3
			22. Odair Trujillo – Orozco, Shunt active power filter, description and impedance relationships, Filtro activo de potencia paralelo, descripción y relaciones de impedancia, Energética 43, junio (2014), pp. 87-94, ISSN 0120-9833 (impreso), ISSN 2357 - 612X (en línea), www.revistas.unal.edu.co/energetica Ref. To Gurguiatu, G., Balanuta, C., Munteanu, T., & Gaiceanu, M. (2013). Energy savings generated by installing acitve power filters in water pumping stations. Electrical and Electronics Engineering (ISEEE) , 1-5 RegenSys	3/4=0.75
			23. **Sindhu M R, Manjula G Nair, T N P Nambiar, Dynamic Power Quality Compensator with an Adaptive Shunt Hybrid Filte**r, **International Journal of Power Electronics and Drive System (IJPEDS),** Vol. 4, No. 4, December 2014, pp. 508~516, ISSN: 2088-8694, ***Journal homepage****:* *http://iaesjournal.com/online/index.php/IJPEDS* *Ref.to* RegenSys Gaiceanu M, Rosu E, Paduraru R, Munteanu T. *Vector-controlled optimal drive system for the induction motor*. 4th International Symposium on Electrical and Electronics Engineering (ISEEE), 2013; 1 - 6	3/4=0.75

			24. Noureddine HIDOURI, An Advanced Direct Power Control applied to a Grid Connected Fuzzy-MPPT-Controlled Photovoltaic System, *International Journal on Energy Conversion (IRECON), Vol. xx, n. x, Praise Worthy Prize, pp1-10, 2014* [PDF] An Advanced Direct Power Control applied to a Grid Connected Fuzzy-MPPT-Controlled Photovoltaic System N HIDOURI *Ref.to* [1] M. Gaiceanu," Advanced State Feedback Control of Grid- Power Inverter,"Energy Procedia 14, pp.1464 – 1470, 2012	3/1=3
			25. Kendali Penyimpan Energi Listrik untuk Aplikasi Mikrogrid H Zarory, FD Wijaya, B Sutopo - Jurnal Nasional Teknik Elektro dan Teknologi …, 2014 **...** 7803-7116-X/01, 2001, pp 2667-2674. Ref.to **Gaiceanu** Marian," Integral State Feedback Control of Grid Power Inverter", Buletinul AGIR nr. 3/2012, iunie-august, 2012.	3/1=3
			26. Anwar Muqorobin and Estiko Rijanto," Perancangan Kontroler **...** http://ejnteti.jteti.ugm.ac.id/index.php/JNTETI/article/view/69 Vol 3, No 2 (2014) Jurusan Teknik Elektro dan Teknologi Informasi **Jurnal Nasional Teknik Elektro dan Teknologi Informasi (JNTETI)** Implementation of Ref.to Gaiceanu Marian," Integral State Feedback Control of Ggrid Power Inverter", Buletinul AGIR nr. 3/2012, iunie-august, 2012.	3

			27. [PDF] Dynamic Harmonic and Reactive Power Compensation with an Adaptive Shunt Active Filter for Variable Speed Induction Motor Drive Sindhu M R, Aneesh P, Manjula G Nair, T N P Nambiar MR Sindhu, P Aneesh, MG Nair, TNP Nambiar - International Journal of Power …, 2014 http://iaesjournal.com/online/index.php/IJPEDS/issue/view/188 ref to Vector-controlled optimal drive system for the induction motor M Gaiceanu, E Rosu, R Paduraru, T Munteanu Electrical and Electronics Engineering (ISEEE), 2013 4th International . [PDF] Dynamic Harmonic and Reactive Power Compensation with an Adaptive Shunt Active Filter for Variable Speed Induction Motor Drive MR Sindhu, P Aneesh, MG Nair, TNP Nambiar - International Journal of Power …, 2014 Abstract Variable speed drives are mostly preferred in industries, while considering energy saving, smooth control, flexible operation and fast response. On the other hand, this equipment generates dynamic harmonic distortions in source currents and draws variable **...** **Ref to** Gaiceanu M, Rosu E, Paduraru R, Munteanu T. *Vector-controlled optimal drive system for the induction motor*. 4th International Symposium on Electrical and Electronics Engineering (ISEEE), 2013; 1 - 6	3/4=0.75
			28. Automatic Colour Mixing Machine using PLC SS Giri, MJ Lengare Abstract—In this color mixing machine we use three tanks which are of Red, Blue and Yellow. The three tanks consist of level sensor and fitted with hydraulic line. The hydraulic line consist of solenoid valve. The tank consists of color Steiner of Red, Blue and Yellow. ***...International Journal Of Engineering And Computer Science ISSN:2319-7242*** ***Volume 3 Issue 12 December 2014, Page No. 9652-9655*** ***Ref.to*** Mathematical Modelling of Color Mixing Process and PLC Control Implementation by Using Human Machine Interface L Schiop, M Gaiceanu Electrical and Electronics Engineering (ISEEE), 2010 3rd International	3/2=1.5
			29. Підвищення енергоефективності електротехнічного ком-плексу «нелінійне навантаження–силовий активний фільтр» в електричних мережах 0, 4 кВ SK Podnebennaya, CK Поднебенная… - 2013 - ea.donntu.edu.ua, ref.to M. Gaiceanu, “Active power compensator of the current harmonics based on the instantaneous power theory” The Annals of Dunarea de Jos” University of Galati FASCLE III. ISSN 1221-454X, pp.23-28, 2005, http://ea.donntu.edu.ua:8080/jspui/handle/123456789/24617	3/1=3

			30. [PDF] REAL TIME MODELLING AND BALANCE CONTROLLER DESIGN FOR A ROTARY INVERTED PENDULUM–USING LabVIEW, V VIJAYALAKSHMI, Z JENIFER, A SRINIVASAN - industrialscience.org, Ref. to Motion control of a single-beam gantry crane trolley, **Marian Gaiceanu, and Florin Stan, Motion Control of a Single-Beam Gantry Crane Trolley, pp149-152, IEEE Catalog Number CFP1093K-PRT, ISBN 978-1-4244-8407-2**	3/2= 1.5
			31. [PDF] Separately Excited DC Motor Optimal Efficiency Controller RH Issa - ijeit.com,pp.533-539, ref .to Optimal Control Development System for Electrical Drives **Marian Gaiceanu**, Emil Rosu, Romeo Paduraru, Cristinel Dache, The Annals of Dunarea de Jos University of Galati, Fascicle III, Vol.31, No.1, ISSN 1221-*454X*, 2008, pp.5-10, DOI: E008442 (indexata DOAJ), http://www.ann.ugal.ro/eeai/archives/2008/Lucrare-01-Gaiceanu.pdf;	3/4=0.75
			32. Параллельный активный фильтр с повышенным коэффициентом подавления высших гармоник тока **ВІСНИК ПРИАЗОВСЬКОГО ДЕРЖАВНОГО ТЕХНІЧНОГО УНІВЕРСИТЕТУ, 2009 р., Вип.№ 19, УДК 621.791.92.03-52, Бурлака В.В.1, Гулаков С.В.2, Бублик С.К.3, Дьяченко М.Д., ПАРАЛЛЕЛЬНЫЙ АКТИВНЫЙ ФИЛЬТР С ПОВЫШЕННЫМ КОЭФФИЦИЕНТОМ ПОДАВЛЕНИЯ ВЫСШИХ ГАРМОНИК ТОКА, pp.237-241, Статья поступила 27.02.2009** ВВ Бурлака, СВ Гулаков, СК Бублик, МД Дьяченко - 2009 - eir.pstu.edu, ref to to M. Gaiceanu, "Active power compensator of the current harmonics based on the instantaneous power theory" The Annals of Dunarea de Jos" University of Galati FASCLE III. ISSN 1221-454X, pp.23-28, 2005 http://www.nbuv.gov.ua/portal/Natural/VPDTU/2009_19/index.htm , The Vernadsky National Library of Ukraine **Buletinul de Azov, Universitatea Tehnică de Stat, st. Universitatea, 7, Mariupol, Ucraina, 87500, publicarea apare în baza de date "Ukrainika ştiinţifice"**	3/1=1
			33. Rupali V Salunke , Pratap S Vikhe , Trupti Sarode, Implementation of Real-Time Remote Communication between Matlab/Simulink and Plc via Visualization Interface Developed With B&R Automation Studio, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, **Vol. 2, Issue 9, September 2013,pp. 4258-4253, ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875,** **ref. to Schiop, L., Gaiceanu,** Mathematical Modelling Of Color Mixing Process And PLC Control Implementation By Using Human Machine Interface,Electrical& Electronics Engineering (ISEEE),3rd International Symposium on , vol., no., pp.165-170,16-	3/2=1.5
			34. **Sihem Elhelali, Noureddine Hidouri, Lassâad Sbita, A controlled topology for a grid connected photovoltaic system, International Conference on Control, Engineering & Information Technology (CEIT'13), Proceedings Engineering & Technology - Vol.3, pp. 33-38, 2013, Copyright – IPCO, pp33-38,** ref. to M. Gaiceanu," Advanced State Feedback Control of Grid- Power Inverter,"Energy Procedia 14, pp.1464 – 1470, 2012	3/1=3

			35. An improved method for compensating of harmonics of voltage-source with parallel active power filter H Libo, L Xiaozhong, D Lei… - Electric Information and …, 2011 - ieeexplore.ieee.org, Han Libo; Liao Xiaozhong; Dong Lei; Yang Geng; Sch. of Autom., Beijing Inst. of Technol., Beijing, China **This paper appears in:** Electric Information and Control Engineering (ICEICE), 2011 International Conference on **Issue Date:** 15-17 April 2011 **On page(s):** 1977 - 1982 **Location:** Wuhan **Print ISBN:** 978-1-4244-8036-4 **References Cited:** 16 **INSPEC Accession Number:** 12071922 **Digital Object Identifier:** 10.1109/ICEICE.2011.5777039 **Date of Current Version:** 27 mai 2011 **ref to M. Gaiceanu, "Active power compensator of the current harmonics based on the instantaneous power theory", The Annals Of "Dunarea De Jos" University Of Galati, 2005,23-28**	3/1=3
			36. Neuro-fuzzy control system for active filter with load adaptation O Husev, S Ivanets, D Vinnikov - Compatibility and Power …, 2011 - ieeexplore.ieee.org, ref to M. Gaiceanu, "Active power compensator of the current harmonics based on the instantaneous power theory", The Annals Of "Dunarea De Jos" University Of Galati, 2005,23-28 Neuro-fuzzy control system for active filter with load adaptation, Husev, O.; Ivanets, S.; Vinnikov, D.; Chernihiv State Technol. Univ., Ukraine **This paper appears in:** Compatibility and Power Electronics (CPE), 2011 7th International Conference-Workshop **Issue Date:** 1-3 June 2011 **On page(s):** 28 - 33 **Location:** Tallinn **E-ISBN:** 978-1-4244-8805-6 **Print ISBN:** 978-1-4244-8806-3 **References Cited:** 24 **INSPEC Accession Number:** 12096929 **Digital Object Identifier:** 10.1109/CPE.2011.5942202 **Date of Current Version:** 07 iulie 2011 **cu referire la GAICEANU: Active power compensator of the current harmonics based on the instantaneous power theory [J].The Annals Of "Dunarea De Jos" University Of Galati, 2005,23-28.**	3/1=3

			37. A Digital PLL Circuit for AC Power Lines with Instantaneous Sine and Cosine Computation A Digital PLL Circuit for AC Power Lines with Instantaneous Sine and Cosine Computation, Cayssials, R.; Alimenti, O.; Ferro, E.; Dept. of Electr. Eng., Univ. Nac. del Sur, Bahia Blanca **This paper appears in:** Programmable Logic, 2008 4th Southern Conference on **Issue Date:** 26-28 March 2008 **On page(s):** 49 - 54 **Location:** San Carlos de Bariloche **Print ISBN:** 978-1-4244-1992-0 **References Cited:** 7 **INSPEC Accession Number:** 10230245 **Digital Object Identifier:** 10.1109/SPL.2008.4547731 **Date of Current Version:** 20 iunie 2008 **Ref to M. Gaiceanu, "Active Power Compensator of the current harmonics based on the instantaneous power theory," The Annals of "Dunarea de Jos" University of Galati, 2005.**	3/1=3
			38. Minimum-energy consumption of an induction motor operating in dynamic regime **K Wahiba, A Sakly… - Systems, Signals & …, 2013 - ieeexplore.ieee.org, ref.to Ref. to The optimal control for position drive system with induction machine** Ref.to Tr. Munteanu, E. Rosu, M. Gaiceanu, R. Paduraru, T. Dumitriu, M.Culea, C. Dache, "The optimal Control for Position Drive System with Induction Machine", IEEE Power Electronics and Applications, 2009. EPE'2009 13th European Conference on. 8-10 Sept.2009	3/7=0.43
			39. Studii si contributii privind integrarea sistemelor de stocare a energiei electrice utilizate pe vehicule autonome E Voncilă - 2012 - arthra.ugal.ro Page 1. ROMÂNIA UNIVERSITATEA ,,DUNĂREA DE JOS" DIN GALAŢI STUDII ȘI CONTRIBUȚII PRIVIND INTEGRAREA SISTEMELOR DE STOCARE A ENERGIEI ELECTRICE UTILIZATE PE VEHICULE AUTONOME - Rezumat Teză de doctorat – **...** Articole cu conținut similar Toate cele 2 versiuni Import în BibTeX Salvați Mai multe Ref.to M. Gaiceanu, **E. Voncila**, R. Buhosu, Optimal control for electric vehicle stabilization, Fascicula III, Electrotehnica, Electronica, Automatica, Informatica, Vol.: 33, No: 2, Pag.: 73-**81, Published: 2010**	3/3=1

			40. [PDF] Department of Electrical and Electronics Engineering, National Institute of Technology, Karnataka, Surathkal, Mangalore, 575025, India SK Nayak, DN Gaonkar - Industrial and Information Systems (ICIIS), 2013 8th …, 2013, (2013 IEEE 8th International Conference on Industrial and Information Systems, ICIIS 2013, Aug. 18-20, 2013, Sri Lanka) ref. To Grid connected wind turbine-fuel cell power system having power quality issues, M. Gaiceanu, G. Fetecau, *Grid connected Wind turbine-Fuel Cell Power System having Power Quality Issues*, EPQU'07 Barcelona, pp.7-13, 2007. ISBN 978-84-690-9441-9	3/2=1.5
			41. Gaiceanu M., Rosu E.: An Uf optimal control approximation for induction motor. Proceedings ICEM'2000, Vol III, Helsinki, Finland, 28-30 august, 2000r, pp. 747-751 citat in: Modelling of the starting process by frequency change of an induction motor A Krawczyk, S Wiak - Electromagnetic Fields in Electrical …, 2002 - books.google.com ... September, 1998r, pp. 1637-1641. [5] Gaiceanu M., Rosu E.: An Uf optimal control approximation for induction motor. Proceedings ICEM'2000, Vol III, Helsinki, Finland, 28-30 august, 2000r, pp. 747-751. [6] Kome. za K.. Dems ... Articole cu conținut similar Toate cele 2 versiuni Citați Electromagnetic fields in electrical engineering, editat de Andrzej Krawczyk,Sławomir Wiak, IOS Press c/o Accucoms US, Inc., North America Sales and Customer Service West Point Commons Suite 201 Lansdale PA 19446 USA, IOS Press 2002, Modelling of the starting process by frequency change of the induction motor, Marian Fems, Krzysztof Komeza, pp.178 **(http://scholar.google.ro/scholar?start=83&q=Gaiceanu&hl=ro&as_sdt=0)**	3/2=1.5
			42. A.S.R. Sekhar, K. Vamsi Krishna / International Journal of Engineering Research and Applications (IJERA) ISSN: 2248 – 9622 www.ijera.com Vol. 2, Issue 2, Mar-Apr 2012, pp . 087- 093 ref to. http://www.ijera.com/papers/Vol2_issue2/M22087093.pdf b) M. Gaiceanu, "AC-AC Converter System for AC Drives,"IEE Conference Publication Journal, British Library, London, Publisher: Institution of Electrical Engineers, Vol. 2, no. 498, Printed in Great Britain by WRIGHTSONS, ISSN 0537 - 9989, pp 724 - 729, 2004	3/1=3
			43. A.S.R. Sekhar, K. Vamsi Krishna / International Journal of Engineering Research and Applications (IJERA) ISSN: 2248 – 9622 www.ijera.com Vol. 2, Issue 2, Mar-Apr 2012, pp . 087- 093 ref to. http://www.ijera.com/papers/Vol2_issue2/M22087093.pdf a) Marian Gaiceanu, Grigore Fetecau," Grid connected wind turbine -fuel cell power system having power quality issues", 9 th international conference, Electrical power quality and utilization, Bercelona, 9 -11 october 2007.	3/2=1.5
			44. M. Găiceanu - Active power compensator of the current harmonics based on the instantaneous power theory - The Annals Of "Dunarea De Jos" University Of Galati, 2005, 23-28 citat în: **a) Three-Level Shunt Active Filter Compensating Harmonics and Reactive Power, L. Zellouma and S. Saad, http://www.univ-sba.dz/iceps/icen10/frames/Articles/IV/IV-21_ZELLOUMA_ANNABA_2.pdf,** International Conference on Electrical Networks, ICEN 2010, Sidi Bel Abbès , September 28-29, 2010	3/1=3

			45. M. Găiceanu - Active power compensator of the current harmonics based on the instantaneous power theory - The Annals Of "Dunarea De Jos" University Of Galati, 2005, 23-28 citat în: Indirect control in Active Power Filters, G Gurguiatu, T Munteanu - Optimization of Electrical and Electronic Equipment (OPTIM), 2012 13th International Conference on, 24-26 May 2012, pp. 868 – 872, 2012 - ieeexplore.ieee.org	3/1=3
			46. M.Gaiceanu- "Parallel active power filter based on synchronous reference frame algorithm" MOCM-11 - Volume 4 - ROMANIAN TECHNICAL SCIENCES ACADEMY – 2005, citat în: Indirect control in Active Power Filters G Gurguiatu, T Munteanu - Optimization of Electrical and Electronic Equipment (OPTIM), 2012 13th International Conference on, 24-26 May 2012, pp. 868 – 872, 2012 - ieeexplore.ieee.org	3/1=3
			47. Motion control of a single-beam gantry crane trolley M Gaiceanu, F Stan - Electrical and Electronics Engineering (Electrical and Electronics Engineering (ISEEE), 2010 3rd International Symposium on, 2010 - ieeexplore.ieee.org, pp 149 – 152 citat in: **Control of the inverted pendulum using state feedback control** A Rybovic, M Priecinsky, M Paskala - ELEKTRO, 2012, 2012 - ieeexplore.ieee.org, pp. 145 - 148	3/2=1.5
			48. Multiple purpose micro hydro electric power station DB Guzun, MD Cazacu, N Nistor… - Bulk Power System …, 2007 - ieeexplore.ieee.org **…** Basic Elements. Editura Academiei Române Publishing House, 2005, 450 p. [11]. Guzun, BD, Mucichescu, C., Barglazan, M., **Gaiceanu**, M.. – Optimal High Power Pumped-Storage System. Rev. Energetica, nr.11, November 2006, p. 487 – 91. About the Authors Dr. Eng. **…** **Ref.to** **B.D. Guzun, C. Mucichescu, M. Barglazan, M. Grigoriu,** M.Gaiceanu, **Optimal High Power-Pumped-Storage System, Energetica, nr.11/2006, ISSN 1453-2360, Bucuresti, pp.487-491**	3/1=3

			49. Stand-alone and grid-connected operation of fuel cell CR Crosson, AK Saha, NM Ijumba… - … Renewable Power Generation (RPG 2011), IET Conference on (RPG 2011), IET …, 2011 - ieeexplore.ieee.org **...** 4 (pages), (2004). [9] M. **Gaiceanu**, G. Fetecau, "Grid connected wind turbine – fuel cell power system having power quality issues", Proc. of 9th International Conference, Electrical Power Quality and Utilization, Barcelona, pp. 6 (pages), (9-11 October 2007). **...** Articole cu conţinut similar Toate cele 3 versiuni Citaţi Ref.to M. Găiceanu, G. Fetecau - Grid Connected Wind Turbine-Fuel Cell Power System Having Power Quality Issues - [PDF] from leonardo-energy.org M Gaiceanu… - Proc. 9th Int. Conf. Electrical Power Quality … - leonardo-energy.org	3/2=1.5
			50. Direct Torque Control of Induction Motor Fed by Three-Level NPC Inverter Using Fuzzy Logic, F. Kadri (1), S. Drid (2), and F. Djeffal, **INTERNATIONAL CONFERENCE ON SYSTEMS AND PROCESSING INFORMATION** **MAY 15-17, 2011, GUELMA, ALGERIA** **Ref. to** M. Gaiceanu, E. Rosu, A. Tataru, "Neuro-optimal controller for vector controlled induction motor" , 9th international conference and exhibition on power electronics and motion control, EPEPEMC 2000 Kosice, V 6, pp 161-166, Slovak Republic, 2000	3/3=1
			51. Ganesh Prasad Reddy, K. Ramesh Reddy, Neutral Point Diode Clamped Multi-Level Control of DSTATCOM by Using Fuzzy Gain Scheduling PI and Fuzzy Logic Controllers, International Journal of Computer Applications (0975 – 8887), Volume 8– No.10, October 2010, pp 24-30, ref .to M. Gaiceau, Active power compensator of the current harmonics based on the instantaneous power Theory, The annals of "dunarea de jos" University of Galati FASCLE III. ISSN 1221-454 005, pp. 23-28.	3/1=3
			52. R. Paduraru, **Contribuţii privind optimizarea energetică a sistemelor de acţionări electrice de cc cu funcţionare la flux variabil** R Păduraru - 2011 - arthra.ugal.ro Page 1. Universitatea "Dunărea de Jos" Galaţi CONTRIBUŢII PRIVIND OPTIMIZAREA ENERGETICĂ A SISTEMELOR DE ACŢIONĂRI ELECTRICE DE CC CU FUNCŢIONARE LA FLUX VARIABIL - Rezumatul tezei de doctorat - Conducător ştiinţific: Prof.dr.ing. Emil ROŞU **...** Ref.to T. Munteanu, E. Rosu, M. Gaiceanu, R. Paduraru, T. Dumitriu, M. Culea, C. Dache - *The Optimal Control for Position Drive system with Induction Machine* - Proc. EPE'09,	3/7=0.43

			53. Zellouma, S. Saad and H. Djeghloud, Fuzzy logic controller of Three-Level Series Active Power Filter, EFEEA'10 International Symposium on Environment Friendly Energies in Electrical Applications, 2-4 November 2010, Ghardaïa, GAICEANU: Active power compensator of the current harmonics based on the instantaneous power theory [J].The Annals Of "Dunarea De Jos" University Of Galati, 2005,23-28.	3/1=3
			54. **C** Pătrașcu**, D Popescu, D. Iacob,** Electrical Power Quality Improvement using a DSP Controlled Active Power Filter, EPQU Barcelona, 9-11 Oct 2007cu referire la GAICEANU: Active power compensator of the current harmonics based on the instantaneous power theory [J].The Annals Of "Dunarea De Jos" University Of Galati, 2005,23-28	3/1=3
			55. Hybrid operation of wind-diesel-fuel cell Remote Area Power Supply system, Mendis, N.; Muttaqi, K.M.; Sayeef, S.; Perera, S.; Sch. of Electr., Univ. of Wollongong, Wollongong, NSW, Australia **This paper appears in:** Sustainable Energy Technologies (ICSET), 2010 IEEE International Conference on **Issue Date:** 6-9 Dec. 2010 **On page(s):** 1 - 6 **Location:** Kandy **Print ISBN:** 978-1-4244-7192-8 **References Cited:** 15 **INSPEC Accession Number:** 11744464 **Digital Object Identifier:** 10.1109/ICSET.2010.5684931 **Date of Current Version:** 10 ianuarie 2011 Ref to M. Gaiceanu and G. Fetecau, "Grid Connected Wind Turbine-Fuel Cell Power System Having Power Quality Issues", International Conference - Electrical Power Quality and Utilisation, Barcelona, Spain, 9-11 Oct. 2007, pp. 759-64.	3/2=1.5
			56. Bacterial foraging-based PI controller of inverter-based distributed generators, Agamy, A.G.; Alaboudy, A.H.K.; Mostafa, H.E.; Fekry, M.Y.; **This paper appears in:** PowerTech, 2011 IEEE Trondheim **Issue Date:** 19-23 June 2011 **On page(s):** 1 - 7 **Location:** Trondheim **E-ISBN:** 978-1-4244-8417-1 **Print ISBN:** 978-1-4244-8419-5 **INSPEC Accession Number:** 12243768 **Digital Object Identifier:** 10.1109/PTC.2011.6019375 **Date of Current Version:** 15 septembrie 2011 Ref to **Grid Connected Wind Turbine-Fuel Cell Power System Having Power Quality Issues**, M. Gaiceanu and G. Fetecau, , International Conference - Electrical Power Quality and Utilisation, Barcelona, Spain, 9-11 Oct. 2007, pp. 759-64.	3/2=1.5

			57. Microgrid Power Electronic Converters: State of the Art and Future Challenges, Jamil, M.; Hussain, B.; Abu-Sara, M.; Boltryk, R.J.; Sharkh, S.M.; Sch. of Eng. Sci., Univ. of Southampton, Southampton, UK mj2p07@soton.ac.uk **This paper appears in:** Universities Power Engineering Conference (UPEC), 2009 Proceedings of the 44th International **Issue Date:** 1-4 Sept. 2009 **On page(s):** 1 - 5 **Location:** Glasgow **Print ISBN:** 978-1-4244-6823-2 **INSPEC Accession Number:** 11172188 **Date of Current Version:** 11 martie 2010, ref to M. Gaiceanu, "Inverter Control for Three-Phase Grid Connected Fuel Cell Power System," in Compatibility in Power Electronics, 2007. CPE '07, 2007, pp. 1-6.	3/1=3
			58. Digital Control Of A Three-Phase Grid Connected Inverter, **Author:** Abusara, M.A.1; Sharkh, S.M.2 **Year:** 2011 **Volume-OnPage:** Volume 3, Number 3, April 2011, pp. 299-319(2 **Ref.to** **[3] Gaiceanu, M. Inverter Control For Three-Phase Grid Connected Fuel Cell Power System**	3/1=3

			59. **МОДЕЛИРОВАНИЕ ТРЕХФАЗНОГО ФИЛЬТРО-КОМПЕНСИРУЮЩЕГО ПРЕОБРАЗОВАТЕЛЯ,** А.А. Гусев Черниговский государственный технологический университет Украина, г. Чернигов, ул. Шевченко, 95 Тел. +038(0462) 3-16-96, E-mail: gsfki@ukr.net **May, 31 – June, 4, 2010 , Kyiv, Ukraine** "PROBLEMS OF PRESENT-DAY ELECTROTECHNICS-2010" Materials of XI International scientific conferens, Section 5 - Electrotechnical Systems, http://fel.kpi.ua/ppedisc/doc/s5/5_1.pdf ref.to. *Gaiceanu M.* Active power compensator of the current harmonics based on the instantaneous power theory / *M.Gaiceanu* // The annals of "Dunarea de jos" university of Galati: electrotehnics,electronics, automatic control, informatics. Fascicle III, 2005. – P. 23 – 28 **Моделирование трехфазного фильтро-компенсирующего преобразователя** --- **Вид документа:** Стаття періодики --- **Автор:** Гусев А. А. --- **Мова:** Російська **Кількість сторінок:** С. 164-168 **Ключові слова:** 681.586 Перетворювачі. Датчики в системах регулювання --- **УДК:** 681.586 --- **Является составной частью документа:** Технічна електродинаміка **Год издания главного документа:** 2010 **Номер части главного документа:** 2 http://lib.nmu.org.ua/catalog/site/view.html?doc_id=408098 **Науково-технічна бібліотека ДВНЗ "Національний гірничий університет"**	3/1=3

			60. Segura, F., Andújar, J.M., Durán, E , AC and DC output fuel cell hybrid system: Design, building and testing, **2009 13th European Conference on Power Electronics and Applications, EPE '09** -2009, Article number 5278745 **http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5278745** **-ref to-** Gaiceanu, M. *5th International Conference-Workshop Compatibility in Power Electronics* CPE 2007 **Inverter control for three-phase grid connected fuel cell power system, M Gaiceanu - Compatibility in Power Electronics, 2007. CPE'07, 2007 - ieeexplore.ieee.org** http://www.scopus.com/results/citedbyresults.url?sort=plf-f&cite=2-s2.0-72949105927&src=s&imp=t&sid=AJEm6ScKT0OZ64C-EJdGoPV%3a150&sot=cite&sdt=a&sl=0&origin=resultslist&txGid=AJEm6ScKT0OZ64C-EJdGoPV%3a15	3/1=3
			61. **Marek Adamowicz** , Cascaded Doubly Fed Induction Generator with a Back-to-Back Converter Connected to a Small Distributed Generation System, Power Electronics, Drives & Control Group, Gdynia Maritime University, Morska 81-87, 81-225 Gdynia, Poland, E-mail: madamowi@am.gdynia.pl, The International Conference and Exhibition on Ecological Vehicles and Renewable Energies, Monaco, 2009 -ref to [11] Gaiceanu M., Fetecau G., "Grid Connected Wind Turbine-Fuel Cell Power System Having Power Quality Issues" in *Proc. 9th Int. Conf. Electrical Power Quality and Utilisation*, p. 6, Barcelona 2007. http://cmrt.centrale-marseille.fr/cpi/ever09/documents/papers/re5/EVER09-paper-123.pdf	3/2=1.5
			62. Saad Mekhilef, **Performance of grid connected inverter with maximum power point tracker and power factor control,** International Journal of Power Electronics, Vol.1, No.1, 2008, pp 49-62, ref.to Gaiceanu, M. (2007) 'Inverter control for three-phase grid connected fuel cell power system', *Power in Electronics Compatibility, CPE '07,* May 29 2007–June 1 2007, pp.1–6 http://inderscience.metapress.com/app/home/contribution.asp?referrer=parent&backto=issue,4,7;journal,2,2;linkingpublicationresults,1:121262,1;	3/1=3
			63. Alepuz Menéndez, Salvador Simón, Aportació al control del convertidor CC/CA de tres nivells, Universitat Politecnica Catalunya, ref. to GAICEANU, http://www.tdx.cat/handle/10803/6330/ 15Sam15de15.pdf **E. Rosu,** M. Gaiceanu**:** *AN OPTIMAL CONTROL WITH ENERGETIC CRITERIA FOR DC DRIVES*, **European Power Electronics and Applications Conference, EPE'99, in coop. with IEEE-IAS, IEEE-PELS, IEE, IEE-Japan, Lausanne, Switzerland, Dialogue Session, INSPEC 6845093, CDROM Conf Record, (**www.epe-association.org/epe/documents.search.php**), 7-9 September1999, Publisher: EPE Assoc., Brussels, Belgium, ISBN 90-75815-04-2** **(http://www.epe-association.org/epe/documents.detail.php?documents_id=2807)**	3/2=1.5

			64. Zhao Yue-Ming, Chen Zai-Ping, Motor fault diagnosis based on genetic-neural network, Journal of Tianjin, University of Technology, Vol. 22, No.5, p.41-43-72, ref. to GAICEANU, ROSU (www.wanfangdata.com.cn/qikan/periodical.Articles/tjlgxyxb/tjlg2006/0605/060512.htm), http://caod.oriprobe.com/articles/18431804/Motor_fault_diagnosis_based_on_genetic_neural_network.htm *ref to* [1] *GAICEANU* M, *ROSU* E, TATARU A M. ... phase induction *motor based* berg—Marquardt training onplore. ... 天津理工大学学报*JOURNAL* OF *TIANJIN UNIVERSITY* OF *TECHNOLOGY*	3/3=1
			65. CHENG Xu-Peng, XIE Ning, Analysis on cylinders stick slip motion, Journal of Tianjin University of Technology , Tianjin 300191, China, Oct.2006 Vol. 22 No. 5, ISSN 1673-0795X (2006) 05-0041-03, pp.70-72, www.cqvip.com, **Analysis on cylinders stick-slip motion** **CHENG Xu-peng,XIE Ning(School of Mechanical Engineering,Tianjin University of Technology,Tianjin 300191,China)** Analyses,models and simulates on cylinders stidc-slip motion in MatLab and furthar analyses the reason,as well as how to settle stickslip motion under the control of cylinders synchronization. 【Key Words】 : **cylinder stick-slip motion move-fricition whisht-fricition** 【CateGory Index】 : TH137.51 【DOI】 : cnki:ISSN:1673-095X.0.2006-05-020 Ref to Gaiceanu M.,Rosu, E, Ana-Mari Tataru:*Neuro-optimal controller for three-phase induction motor based on Levenberg-Marquardt training algorithm*, **2000**	3/3=1
			66. BOO CHIN ENG, HONG MEI KWEE, AMY TAN SIEW WERN, KHAIRIYAH MOHD YUSOF, FORMULATION OF MODEL PREDICTIVE CONTROL ALGORITHM FOR NONLINEAR PROCESSES, Universiti Teknologi Malaysia, ref. to GAICEANU, ROSU eprints.utm.my/2892/1/71992.pdf http://eprints.utm.my/2892/1/71992.pdf. Ref to Gaiceanu, M., Rosu, E. and Tataru, A. M. (2000). Neuro optimal controller for three phase induction motor based on Levenberg Marquardt training algorithm. *IEEE Journal*. 97-102)	3/3=1
			67. Improvement of Voltage Profile of the Hybrid Power System connected to the Grid, **A.S.R. Sekhar, K. Vamsi Krishna / International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol. 2, Issue 2, Mar-Apr 2012, pp.087-093, www.ijera.com** **Ref.to** [10] M. Gaiceanu, "AC-AC Converter System for AC Drives," IEE Conference Publication Journal, British Library, London, Publisher: Institution of Electrical Engineers, Vol. 2, no. 498, Printed in Great Britain by WRIGHTSONS, ISSN 0537-9989, pp 724-729, 2004	3/1=3

			68. R. Paduraru, **Contribuţii privind optimizarea energetică a sistemelor de acţionări electrice de cc cu funcţionare la flux variabil** R Păduraru - 2011 - arthra.ugal.ro Page 1. Universitatea “Dunărea de Jos” Galaţi CONTRIBUŢII PRIVIND OPTIMIZAREA ENERGETICĂ A SISTEMELOR DE ACŢIONĂRI ELECTRICE DE CC CU FUNCŢIONARE LA FLUX VARIABIL - Rezumatul tezei de doctorat - Conducător ştiinţific: Prof.dr.ing. Emil ROŞU **...** https://www.arthra.ugal.ro/handle/123456789/2821 Ref.to M.E. Roşu, I. Bivol, C Nichita, M. Găiceanu – *Optimizarea Energetică a Sistemelor de Conversie Electromecanică*, Editura Tehnică, Bucureşti, 1999, ISBN 973-31-1329-8	3/4=0.75
			69. **OPTIMALIZÁCIA RIADIACICH ŠTRUKTÚR PARALELNÉHO AKTÍVNEHO FILTRA,** DOKTORANDSKÁ DIZERTAČNÁ PRÁCA, **ŽILINSKÁ UNIVERZITA V ŽILINE,** Ing. Rastislav Pavlanin, Žilina, september 2009 Ref. to [31]GAICEANU, M.: Active Power Compensator of the Current Harmonics Based on the Instantaneous Power Theory, In: *The Annals of DUN]1AREA DE JOS University of Galati Fascicle III.*, 2005, ISSN: 1221-454, pp. 23 – 28.	3/1=3
			70. [PDF] COMPARISON OF SPEED ESTIMATION AND PARAMETER IDENTIFCATION OF INDUCTION MOTOR USING PID, PWM AND CASCADED CONTROL TECHNIQUES MVV Laxman, NP Kumar Page 1. IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 1 Issue 4, June 2014. www.ijiset.com ISSN 2348 - 7968 COMPARISON OF SPEED ESTIMATION AND PARAMETER IDENTIFCATION OF INDUCTION MOTOR USING PID, PWM AND **.** **Ref to** M. Gaiceanu, Inverter Control for Three-Phase Grid Connected Fuel Cell Power System, Compatibility in Power Electronics, 2007. CPE '07,	3/1=3

			71. INTELLIGENT DTC FOR PMSM DRIVE USING ANFIS TECHNIQUE, AUTHOR(S) MAHFOUZ, AHMED A.; MOHAMED MAMDOUH, WAEL PUB. DATE March 2012 SOURCE International Journal of Engineering Science & Technology;Mar2012, Vol. 4 Issue 3, p1208 SOURCE TYPE Academic Journal DOC. TYPE Article Ref.TO **Optimal Space Vector Control for Permanent Magnet Synchronous Motor based on Nonrecursive Riccati Equation. Gaiceanu, Marian; Rosu, Emil // World Academy of Science, Engineering & Technology;Oct2012, Issue 70, p148** **RegenSys**	3/2=1.5
			72. Repetitive Current Control of Two-Level and Interleaved Three-Phase PWM Utility Connected Converters, Mohsin Jamil, DOCTOR OF PHILOSOPHY Thesis, February 2012, UNIVERSITY OF SOUTHAMPTON, ref.to [5] M. Gaiceanu, "Inverter Control for Three-Phase Grid Connected Fuel Cell Power System," in Compatibility in Power Electronics, 2007. CPE '07, 2007, pp. 1-6.	3/1=3
			73. R. Paduraru. **Contribuţii privind optimizarea energetică a sistemelor de acţionări electrice de cc cu funcţionare la flux variabil** R Păduraru - 2011 - arthra.ugal.ro Page 1. Universitatea “Dunărea de Jos” Galaţi CONTRIBUŢII PRIVIND OPTIMIZAREA ENERGETICĂ A SISTEMELOR DE ACŢIONĂRI ELECTRICE DE CC CU FUNCŢIONARE LA FLUX VARIABIL - Rezumatul tezei de doctorat - Conducător ştiinţific: Prof.dr.ing. Emil ROŞU **...** Ref.to E. Rosu, M. Gaiceanu, T. Dumitriu, T. Munteanu, R. Paduraru, C. Dache - *Modele liniarizante pentru sisteme de conversie cu masini de c.c. functionand la flux variabil* - Raport de cercetare program IDEI 521, Galati 2009 .	3/6=0.5

			74. REAL TIME POLE PLACEMENT CONTROLLER DESIGN AND IMPLEMENTATION OF A ROTARY INVERTED PENDULUM - USING LABVIEW, **V. VIJAYALAKSHMI[1], ANDY SRINIVASAN[2], Z.JENIFER,** *Industrial Science,* Vol.1,Issue.1/Oct. 2013, **ISSN** : 2347-5420 Ref. to [2] M. Gaiceanu, and F. Stan, "Motion Control of a Single-Beam Gantry Crane Trolley," 2010 3rd International Symposium on Electrical and Electronics Engineering (ISEEE). Galati. pp. 149– 152, September 2010.	3/2=1.5
			75. Neural network electrical machine faults diagnosis based on multi-population GA Zaiping Chen; Yueming Zhao; Yang Zheng; Rui Lou; Sch. of Electr. Eng., Tianjin Univ. of Technol., Tianjin **This paper appears in:** Neural Networks, 2008. IJCNN 2008. (IEEE World Congress on Computational Intelligence). IEEE International Joint Conference on **Issue Date:** 1-8 June 2008 **On page(s):** 3795 - 3799 **Location:** Hong Kong **ISSN:** 1098-7576 **Print ISBN:** 978-1-4244-1820-6 **References Cited:** 15 **INSPEC Accession Number:** 10365642 **Digital Object Identifier:** 10.1109/IJCNN.2008.4634343 **Date of Current Version:** 26 septembrie 2008 Ref to Gaiceanu M, Rosu E, Tataru A M. "Neuro-optimal controller for three-phase induction motor based on Levenberg-Marquardt training algorithm," Power System Technology, 2000. Proceedings. PowerCon 2000. International Conference on Vol. 1, 4-7 Dec. 2000 pp97-102	3/3=1
			76. León, A.E., Solsona, J.A., Valla, M.I., Observer-based nonlinear controller for a three-phase voltage-source converter feeding a constant power load , Industrial Electronics, 2008. ISIE 2008. IEEE International Symposium on, June 30 2008-July 2 2008 Page(s):124 - 129 This paper appears in: Industrial Electronics, 2008. ISIE 2008. IEEE International Symposium on Issue Date : June 30 2008-July 2 2008 On page(s): 124 - 129 Print ISBN: 978-1-4244-1665-3 References Cited: 27 INSPEC Accession Number: 10396012 Digital Object Identifier : 10.1109/ISIE.2008.4677021 Date of Current Version : 18 noiembrie 2008 cu referire la M. Gaiceanu, "AC-AC converter with load power estimator," TEQREP Workshop Bucharest, pp. 67-72, April 2004. ISBN 973-652-961-4	3/1=3

			77. Mino-Aguilar G, Moreno-Eguilaz JM, Pryymak B, et al. Conference Information: IEEE International Symposium on Industrial Electronics, JUL 09-13, 2006 Montreal, CANADASource: 2006 IEEE International Symposium on Industrial Electronics, Vols 1-7 Pages: 2528-2533 Published: 2006, A neural network based optimal rotor flux estimator for efficiency optimization of an induction motor drive **This paper appears in:** Industrial Electronics, 2006 IEEE International Symposium on **Issue Date :** 9-13 July 2006 **Volume :** 3 **On page(s):** 2528 - 2534 **Print ISBN:** 1-4244-0496-7 **References Cited:** 20 **Cited by :** 1 **INSPEC Accession Number:** 9132206 **Digital Object Identifier :** 10.1109/ISIE.2006.295970 **Date of Current Version :** 29 ianuarie 2007 cu referire la Implementation techniques for the matrix Riccati differential equation solution for energetic optimization of the AC drives", Proceedings of the 2001 IEEE International Conference on Control Applications, CCA'01, pp. 577-582, 2001	3/1=3
			78. Livint, P., Livint, Gh (1998).: ***Linear quadratic optimal control synthesis for electrical drives with induction motors***, The 2nd International Conference on Electromechanical Systems, SIELMEC'99, Chisinau, Moldavia Republic, SIELMEC'99, Chisinau, Moldavia Republic, vol. II, pp. 81-84, ref to Rosu, E., **Gaiceanu, M.,** Bivol, ***Load Torque Estimation for AC Motors*** , CNAE '98, The 9th Symposium on Electrical Drives, Craiova;	3/3=1

			79. Module für ein aktives Netzfilter und aktives Netzfilter DE 102010051767 A1 (Patent) http://www.google.com/patents/DE102010051767A1?cl=de Numărul publicaţiei DE102010051767 A1 Tipul publicației Solicitat Numărul cererii DE201010051767 Data publicării 5 Apr 2012 Data înregistrării 18 Nov 2010 Dată prioritară 4 Oct 2010 Publicat şi ca EP2437383A2, US20120112825 Inventatori Dr. Ing. Engler Alfred, Dipl.-Ing. Sebastian (FH) Liebig Solicitant Liebherr-Elektronik Gmbh Exportați referința BiBTeX, EndNote, RefMan Referințe brevete (3), Referințe fără brevete (4), Clasificări (11), Evenimente juridice (1) Ref to GAICEANU, M.: Active Power Compensator Of The Current Harmonics Based On The Instantaneous Power Theory. In: The Annals of "Dunarea De Jos" University of Galati Fascicle III, 2005, S. 23-28. - ISSN 1221-454X	3/1=3
			80. S. Y. S. Hussien, H. I. Jaafar, R. Ghazali, N. R. A. Razif, The Effects of Auto-Tuned Method in PID and PD Control Scheme for Gantry Crane System**, International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-4 Issue-6, January 2015, pp.121-125** **Ref.to** http://www.ijsce.org/attachments/File/v4i6/F2492014615.pdf ref.to [12] M. Gaiceanu and F. Stan, "Motion control of a single-beam gantry crane trolley," in Electrical and Electronics Engineering (ISEEE), 2010 3rd International Symposium on, 2010, pp. 149-152	3/2=1.5

			81. R. Paduraru, **Contribuţii privind optimizarea energetică a sistemelor de acţionări electrice de cc cu funcţionare la flux variabil** R Păduraru - 2011 - arthra.ugal.ro Page 1. Universitatea “Dunărea de Jos” Galaţi CONTRIBUŢII PRIVIND OPTIMIZAREA ENERGETICĂ A SISTEMELOR DE ACŢIONĂRI ELECTRICE DE CC CU FUNCŢIONARE LA FLUX VARIABIL - Rezumatul tezei de doctorat - Conducător ştiinţific: Prof.dr.ing. Emil ROŞU **...** Ref.to Emil Roşu, Traian Munteanu, Marian Gaiceanu, Romeo Paduraru - *Optimal Control Using Energy Criteria For D.C. Positioning Drive* - Tome 56, Issue 1, pp. 58-68 Revue Roumaine Des Sciences Techniques – Serie Électrotechnique. Et Énergetique 2011	¾=0.75
			82. R. Paduraru, **Contribuţii privind optimizarea energetică a sistemelor de acţionări electrice de cc cu funcţionare la flux variabil** R Păduraru - 2011 - arthra.ugal.ro Page 1. Universitatea “Dunărea de Jos” Galaţi CONTRIBUŢII PRIVIND OPTIMIZAREA ENERGETICĂ A SISTEMELOR DE ACŢIONĂRI ELECTRICE DE CC CU FUNCŢIONARE LA FLUX VARIABIL - Rezumatul tezei de doctorat - Conducător ştiinţific: Prof.dr.ing. Emil ROŞU **...** Ref.to Marian Găiceanu - *Conducerea optimală a sistemelor de acţionare reglabile cu maşini asincrone utilizând metode avansate de comandă* – Teză de Doctorat, 2002	3/1=3
			83. R. Paduraru, **Contribuţii privind optimizarea energetică a sistemelor de acţionări electrice de cc cu funcţionare la flux variabil** R Păduraru - 2011 - arthra.ugal.ro Page 1. Universitatea “Dunărea de Jos” Galaţi CONTRIBUŢII PRIVIND OPTIMIZAREA ENERGETICĂ A SISTEMELOR DE ACŢIONĂRI ELECTRICE DE CC CU FUNCŢIONARE LA FLUX VARIABIL - Rezumatul tezei de doctorat - Conducător ştiinţific: Prof.dr.ing. Emil ROŞU **...** Ref. To M. Gaiceanu, E. Rosu, T. Munteanu,T. Dumitriu, R. Paduraru, M. Culea, C. Dache - *Optimal Control for AC drive with Quadratic Criteria* - Proc. EPE’09, Barcelona 2009	3/7=0.42

			84. [PDF] THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM T Munteanu, E Rosu, T Dumitriu, M Culea, R Paduraru… - ann.ugal.ro Page 1. THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE III, 2007 ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM Ref.to Rosu, E., Bivol, I., Nichita, C., Gaiceanu, M., Optimizarea energetica a sistemelor de conversie electromecanica, *Editura Tehnica, Bucuresti* 1999	3/4=0.75
			85. [PDF] THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM T Munteanu, E Rosu, T Dumitriu, M Culea, R Paduraru… - ann.ugal.ro Page 1. THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE III, 2007 ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM Ref.to Roşu, E., Găiceanu, M., Bivol, I., *Optimal Control Strategy for AC Drives* , PEMC '98, The 8th International Power Electronics & Motion Control Conference, Prague, Czech Republic, pp. 4.160-4.165	3/3=1
			86. [PDF] THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM T Munteanu, E Rosu, T Dumitriu, M Culea, R Paduraru… - ann.ugal.ro Page 1. THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE III, 2007 ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM Ref. to Roşu,E. , Găiceanu, M., *An Optimal Control with Energetic Criteria for DC Drives* , The 8th European Power Electronics and Applications Conference EPE'99, Lausanne, Switzerland, 1999	3/2=1.5
			87. [PDF] THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM T Munteanu, E Rosu, T Dumitriu, M Culea, R Paduraru… - ann.ugal.ro Page 1. THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE III, 2007 ISSN 1221-454X ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS THE OPTIMAL CONTROL FOR DC POSITION DRIVE SYSTEM Ref.to Roşu, E., Găiceanu, M., Bivol, I., *Optimal Control for AC Drives Supplied from PWM Voltage Source Inverter,* The 6th International Conference on Optimization of Electrical and Electronic Equipments, Optim'98, Brasov, 1998, ISBN 973-98511-2-6, pp. 427-432	3/3=1

			88. [PDF] ELECTROTECHNICS, ELECTRONICS, AUTOMATIC CONTROL, INFORMATICS M Culea, T Dumitriu, M Nichita, T Munteanu - ann.ugal.ro **...** D Butt, M Sumner and JC Clare (1999), Harmonic compensation in active shunt filters using controllers employing rotating frames of reference, Proc EPE'99 Lausanne, CD-ROM M. Culea, D. Aiordachioaie, M. **Gaiceanu** (2000) On the Harmonic Reduction Using Wavelet Based **...** Ref.to M. Culea, D. Aiordachioaie, M. Gaiceanu (2000) On the Harmonic Reduction Using Wavelet Based Signal Processing, *The Annals of "Dunarea de Jos" University of Galati,* **Fascicle III**, pp 12-16	3/3=1
			89. Ms.A.Mangaiyarkarasi, Ms.S.Subalakshmi, Wavelet Transformation Based Current Harmonic Mitigation, **International Journal on Recent Technologies in Mechanical and Electrical Engineering (IJRMEE), ISSN: 2349-7947m Volume: 1 Issue: 5, IJRMEE | December 2014, Available @** *http://www.ijrmee.org* *Ref.to* Mihai Culea ,Dorel Aiordachioaie, Marian Gaiceanu ,On the harmonics reduction using wavelet based signal processing", The annals of " Dunarea De Jos" University of Galati Fascicle III, 2000,ISSn 1221-454, pp 12-16	3/3=1
			90. Neural Network Direct Torque Control of Induction Motor Fed by Three Phase PWM Inverter, F. Kadri, D. Djarah, S. Drid, FIRST INTERNATIONAL CONGRESS ON MODELS OPTIMIZATION AND SECURITY OF SYSTEMS, MAY 29-31, 2010, TIARET, ALGERIA Ref.to [1] M. Gaiceanu, E. Rosu, A. Tataru, "Neuro-optimal controller for vector controlled induction motor", 9th international conference and exhibition on power electronics and motion control, EPEPEMC 2000 Kosice, V 6, pp 161-166, Slovak Republic, 2000.	3/3=1
			91. Full State Feedback Controller Design for a Rotary Inverted Pendulum- A Mechatronic Equipment, V.Vijayalakshmi, Ms. Z.Jenifer, Dr.Andy Srinivasan, *Proceedings of National conference on Advances in Electrical Energy Applications on Jan 3rd and 4th, 2013, pp. 71-75* *Ref. To* *[2]* M. Gaiceanu, and F. Stan, —Motion Control of a Single-Beam Gantry Crane Trolley,‖ 2010 3rd International Symposium on *Electrical and Electronics Engineering* (*ISEEE). Galati*. pp. 149– 152, September 2010.	3/2=1.5

			92. **Адаптивная система управления силовым параллельным активным фильтром, Поднебенная С.К., Бурлака В.В., Гулаков С.В.** **Ref.to** *1. Active power compensator of the current harmonics based on the instantaneous power theo-ry. Marian Gaiceanu. The annals of "Dunarea de jos" university of Galati: electrotehnics, electronics, automatic control, informatics. Fascicle III, 2005. pp. 23–28.*	3/1=3
			93. An effective power management strategy for a wind-diesel-hydrogen based remote area power supply system to meet fluctuating demands under generation uncertainty, Mendis, N. ; Alstom Grid, Sydney, NSW, Australia ; Muttaqi, K.M. ; Perera, S. Ref. To [11] M. Gaiceanu and G. Fetecau, "Grid Connected Wind Turbine-Fuel Cell Power System Having Power Quality Issues", International Conference-Electrical Power Quality and Utilisation, Barcelona, Spain, 9-11 Oct. 2007, pp. 759-64.	3/2=1.5
			94. Dipaka Sealetsa (2006): ***Studies of H-Bridge Multilevel Converter,***The University of Newcastle, University Drive, Callaghan, NSW, 2308 Australia, School of Electrical Engineering and Computer Science, 2006, dipaka.sealetsa@studentmail.newcastle.edu.au, ref. to Marian Gaiceanu, Active power compensation of the current harmonics based on the instantaneous power theory,University of Galati, Electronics, Automation Control, Informatics., http://www.eng.newcastle.edu.au/~c3013654/index.html	3/1=3

			95. Filipe Perez, Inserção e Controle de Armazenadores de Energia em Sistemas Fotovoltaicos Conectados à Rede Elétrica, Itajubá, 03 de dezembro de 2015, UNIVERSIDADE FEDERAL DE ITAJUBÁ, PROGRAMA DE PÓS-GRADUAÇÃO EM ENGENHARIA ELÉTRICA Ref. To GAICEANU, M. MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration. Edited by Vasilios N. Katsikis, p. 219, 2012 [PDF] Inserção e Controle de Armazenadores de Energia em Sistemas Fotovoltaicos Conectados à Rede Elétrica. F Perez - 2015 Page 1. UNIVERSIDADE FEDERAL DE ITAJUBÁ PROGRAMA DE PÓS-GRADUAÇÃO EM ENGENHARIA ELÉTRICA Filipe Perez Inserção e Controle de Armazenadores de Energia em Sistemas Fotovoltaicos Conectados à Rede Elétrica Itajubá, 03 de dezembro de 2015. **...** Ref. to GAICEANU, M. MATLAB/Simulink-Based Grid Power Inverter for Renewable Energy Sources Integration. Edited by Vasilios N. Katsikis, p. 219, 2012.	3/1=3
			96. Control Predictivo Generalizado Aplicado a un Inversor Multinivel en Cascada para Diseno d un Filtro Activo de Potencia, Universidad Politecnica Salesiana, Cuenca –Ecuador, 2015 Ref to . Inverter control for three-phase grid connected fuel cell power system By: Gaiceanu, Marian, Book Group Author(s): IEEE Conference: 5th International Conference and Workshop on Compatibility in Power Electronics Location: Gdansk, POLAND Date: MAY 29-JUN 01, 2007	3/1=3
			A.3.1.2	186,79
			A3.1= **Număr de citări: 20+96=116**	**246.25**

	3.2 Prezentari invitate	A3.2.1	ISEEE2010, Emil Rosu, Traian Munteanu, Marian Gaiceanu, IEEE, Electrical and Electronics Engineering (ISEEE), 2010 3rd International Symposium on, 16-18 Sept. 2010 **Optimal control using energetic criteria for electric drive systems: Plenary talk** Rosu, E. ; Munteanu, T. ; Gaiceanu, M. ; Dumitriu, T. ; Paduraru, R. ; Dache, C. Electrical and Electronics Engineering (ISEEE), 2010 3rd International Symposium on DOI: 10.1109/ISEEE.2010.5628476 Publication Year: 2010 , Page(s): IV – XV Indexat Scopus, ISI	20
		A3.2.2	Profesor invitat Franta-University of le Havre, 12-22 iunie2014,	20
			Profesor invitat Olanda, 2011	
			Total	**A3.2= 40**
	3.3 Organizare reviste / conferințe, recenzor (punctajul se acorda pt fiecare revistă, manifestare științifică și recenzie)	A3.3.1	1. Membru în comitet de redacţie revistă cotata ISI EPE Journal, http://www.epe-association.org/epe/journal/Reviewers.htm	10
			2. Recenzor la revista ISI EPE Journal ID Comparative analysis of controllers for the Dynamic Response Enhancement of the Three-port Full-bridge DC-DC Converter Interfacing Photovoltaic System	10
			3. 2. Recenzor la revista ISI EPE Journal: ID831, High-Performance Control Strategies for Electrical Drives: An Experimental Evaluation and FCS-PTCbetween DTC, 2014	10
			4. 3. Recenzor la revista ISI EPE Journal: ID 819 , VSC Topology Comparison For STATCOM Application Under Unbalanced Conditions, 2014	10
			5. 4. Recenzor la revista ISI JPE Journal: , JPE-14-09-027 / Ver. 000, A Damping Method for Torsional Vibrations in a DFIG Wind Turbine System Based on Small Signal Analysis / Mr. Libo Liu *;Dr. Da Xie ;Dr. Chenghong Gu, 2014	10
			6. Recenzor la revista ISI JPE Journal: JPE-14-07-120 /Ver. 0001, dSPACE Implementation of Closed Loop Speed Control of DC Motor / Prof. Nabil A. Ahmed *;Dr. A. K. ALOthman ;Dr. Bader N. Alajmi ;Prof. K. M. El-Naggar ;Dr. M. E. AlSharidah, 2014	10
			7. Recenzor la revista ISI JPE Journal: JPE-14-06-061 /Ver. 0001, Conversion System for Decoupled Control Active and Reactive Power / Mr. Subir Datta *;Dr. Jyoti Prakash Mishra ;Prof. Anjan Kumar Roy, 2014	10
			8. Recenzor la revista ISI JPE Journal: JPE-14-04-160 /Ver. 0001, Optimal Control Strategy of Suppressing Grid-side Current Harmonic s in Three-Phase Current Source Rectifier with Hybrid Switch Based on Space Vectors / Prof. Renjie Hu ;Dr. Guiping Yi *;Dr. Lijie Jiang, 2-14	10
			9. Recenzor la revista ISI JPE Journal: JPE-14-03-148 /Ver. 0001, A Neuron Adaptive Speed Controller Based on State Observer / Mr. Lei WANG *, 2014	10
			10. Recenzor la revista ISI JPE Journal: JPE-14-01-096/Ver. 0001, Adaptive DC-link Voltage Control for Shunt Active Power Filter / Dr.Yu Wang *;Prof. Yunxiang Xie, 2014	10
			11. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0158 AC Voltage Control in Windfarms, EPE2016	10

			12. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0011 Current Sensorless Control for Dual-Boost Full-Bridge PFC Converter, EPE2016	10
			13. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0193 Modular Energy Conversion System Using a Novel Control Structure Based on a Simple Analogue System, EPE2016	10
			14. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0206 Consideration on Power Generation Characteristics of Seven-Phase Permanent Magnet Synchronous Generator by Injecting 3rd and 5th Harmonic Currents, EPE2016	10
			15. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0228 Characterization of diode valves in medium voltage dc/dc converters for wind turbines, EPE2016	10
			16. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0237 Voltage and current behavior in a FixReF controlled offshore wind farm using a HVDC transmission system based on uncontrolled diode rectifier units, EPE2016	10
			17. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0241 Development of dc-dc boost converter and P&O-MPPT algorithm for PV systems, EPE2016	10
			18. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0277 The Application of the Modular Multilevel Matrix Converter in High-Power Wind Energy Conversion Systems, EPE2016	10
			19. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0312 Smart Power Management of DC Microgrids in Future Milligrids , EPE2016	10
			20. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0336 Modular Multilevel Parallel Converter based Split Battery System for Electrical Vehicles, EPE2016	10
			21. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0375 Carrier-based PWM with Minimum Infinity Norm for Overmodulation Area of Five-Phase Converters, EPE2016	10

			22. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0387 Advanced Control Method for VSC-HVDC Systems Connected to Weak Grids, EPE2016	10
			23. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0474 Analysis of impedance multiplication effects in different parallel inverters with impedance-based stability, EPE2016	10
			24. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0525 Investigation of Discontinuous PWM as Additional Optimization Parameter in an Active Thermal Control, EPE2016	10
			25. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0542 Impact of the Automotive Energy Net Impedance on the Voltage-Stabilization Performance of a Floating Capacitor H-Bridge Converter , EPE2016	10
			26. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0555 Spectral Synthesis of Switching Distortion in Automotive Drive Inverters, EPE2016	10
			27. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0578 Performance Improvement of Direct Torque Control for Doubly Fed Induction Generator with 12 Sector Methodology, EPE2016	10
			28. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 0158 AC Voltage Control in Windfarms, EPE2016	10
			29. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, 0258 Title: Development and implementation of a dynamic PV emulator with HMI interface for high power inverters	10
			30. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID 0147 Title: Transmission Configuration Effect on Total Efficiency of Electric Vehicle Powertrain	10
			31. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID 0363 Title: Saturation Control of Large Motor Drive Feeding Transformers using Hardware-In-the-Loop Methodology	10
			32. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID 367 0367 Title: A Modified State-Plane Control of a Bi-directional Series Resonant Converter for an EDLC Energy Storage System in Hybrid Electric Vehicles	10

			33. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID0174 Title: Unidirectional fast switching non-isolated DCDC-converter for fuel cell vehicles	10
			34. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID0383 Title: Comparative evaluation of SiC and Si Transistors in a Swiss-Forward Three Phase Rectifier	10
			35. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID0548 Title: Voltage Balancing of Three-Phase Floating H-Bridge Modules using Magnetically Coupled Asymmetrical Half Bridges	10
			36. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID 0279 Title: Hybrid Nearest Level and Open Loop Control of Modular Multilevel Converters	10
			37. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID 0136 Title: Research on decreasing input current ripple in two-stage of single-phase PV grid inverter	10
			38. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE14 ECCE Europe, ID 0207 Title: Precise Ripple Cancellation Technique for Power-Factor Pre-regulator Circuits	10
			39. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0184 - State-Flow based MPPT Technique for PV/Wind Hybrid Energy Conversion Systems	10
			40. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0355 - Grid Adaptive Control Method using Direct Power Control with Ramping Rate Criterion in 5MW PMSG MV Wind Turbines	10
			41. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0329 - A Novel Thermal Management Algorithm for Improved Lifetime of Traction Converters	10
			42. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0468 - Fault Ride Through Control by using New Real Time Symmetrical Coordinate Transformation	10
			43. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0286 - Global current regulation and Ah compensation for aluminum electrolysis substation	10
			44. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0541 - A Modified Discretization Method for Discrete Full-Order Flux Observer of Induction Motor	10

			45. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0529 - Application of Adaptive Neural Controller for Drive with Elastic Shaft and Variable Moment of Inertia	10
			46. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0164 - Smooth Shifting on hybrid Pulse Width Modulation Strategies for High Power Variable Frequency AC Drives	10
			47. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0256 - Pole placement control with Luenberger Observer for a double conical high speed bearingless permanent magnet synchronous motor	10
			48. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0294 - A Dispersion-SVPWM Controlled Three-Level Inverter to Eliminate the Common-Mode Elimination in Open-End Winding Five-Phase Drives	10
			49. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0267 - High Performance Synchronous Reluctance Motors in Low Voltage Applications	10
			50. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: EPE15 ECCE Europe, 0347 - Motor Current Sensor Offset Error Compensation using DC Voltage Component Included in Phase-Voltage Command for Current-Controlled PMSM Drive	10
			51. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: ICPE 2015-ECCE Asia Secretariat 11 1016, Soft Start and Synchronous Switching of Permanent Magnet Synchronous Machines without Damping Windings	10
			52. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: ICPE 2015-ECCE Asia Secretariat, Induction Motor Control System Using Bidirectional Quasi-Z Source Inverter	10
			53. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: ICPE 2015-ECCE Asia Secretariat, A Novel Multiple Linear Motor Control System Based on Nios II	10
			54. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale: ICPE 2015-ECCE Asia Secretariat, Active DC motor impedance measurement using two probes	10
			55. Recenzor la revista ISI EPE Journal: M **Sensorless Speed and Position Control of PMSM based on MRAC using Active Power**, Paper No. 781, EPE Journal 2013.	10
			56. Recenzor la articol ISI: 2Robust Motion Control for Synchronous Reluctance Motor Drives, Paper No. 794, EPE Journal 2013	10
			57. Recenzor la revista ISI Journal of Power Electronics: **Multi-objective Design Method for Hybrid Active Power Filter, JPE-13-04-001(Ver. 0001), Prof. Lee, Kyo-Beum** Associate Editor Journal of Power Electronics, 2013	10

			58. Recenzor la revista ISI Journal of Power Electronics: Fuzzy Self Tuned PID PMDC Drive Using LabVIEW, JPE-13-06-011(Ver. 0001), **Prof. Lee, Kyo-Beum** Associate Editor Journal of Power Electronics	10
			59. Recenzor la revista ISI Elsevier, Current Controllers Effectiveness for Grid Connected Converters Considering Harmonics Compensation, Ms. Ref. No.: IJEPES-D-13-00758, Tharam Dillon Editor International Journal of Electrical Power and Energy Systems, 2013	10
			60. Recenzor manifestare ştiinţifică indexata ISI: ISEEE 2013, Analysis of switching in a DC circuit	10
			61. Recenzor manifestare ştiinţifică indexata ISI: ISEEE2013, Speed Control of a 4 Phases Variable Reluctance Motor	10
			62. Recenzor manifestare ştiinţifică indexata ISI: ISEEE2013, Control of the Power in Induction Heating Systems with L-LC Resonant Voltage Source Inverters	10
			63. Recenzor manifestare ştiinţifică indexata ISI: ISEEE2013, Energetic Performances of Induction Heating Systems with Voltage Resonant Inverter	10
			64. ISEEE 2013 sesiune speciala ***SS2 - Tutorial High-Efficiency Power Conversion System,*** Chair **Marian Gaiceanu**	10
			65. ISEEE 2013 plenary session 1 ***Aurel Campeanu*** - Simulation of an Indirect Load Torque applied to a High Power Salient Pole Synchronous Motor Chair **Marian Gaiceanu**	10
			66. ISEEE 2013 plenary session 2 ***P2. Gianfranco Chicco, Andrea Mazza*** - An Overview of the Probability-based Methods for Optimal Electrical Distribution System Reconfiguration Chair **Marian Gaiceanu**	10
			67. Membru in comitet stiintific 6th PSU-UNS International Conference on Engineering and Technology ICET 2013, 15-17 May, Novi Sad Serbia, http://www.psu-uns2013.com/2011/11/02/international-steering-committee/	10
			68. Membru în comitetul ştiinţific al unei manifestări ştiinţifice internaţionale, organizată de asociaţii/organizaţii/ instituţii ştiinţifice internaţionale: EPE-PEMC 2012, INTERNATIONAL STEERING COMMITTEE: http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=06397375	10
			69. Membru în comitetul ştiinţific al unei manifestări ştiinţifice internaţionale, organizată de asociaţii/organizaţii/ instituţii ştiinţifice internaţionale: EPE-PEMC 2014, INTERNATIONAL STEERING COMMITTEE: http://www.pemc2014.org/index.php?id=spec	10
			70. Paper Inner PMSM for Traction Application: Performance Analysis Considering Stator Winding Variation, Article 1696][EEE] Article Review Electronics and Electrical Engineering, Kaunas University of Technology	10
			71. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0652 Title: A Comparative Study of On-Board Bi-directional Chargers for Electric Vehicles by GAICEANU MARIAN, 2012	10
			72. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0588 Title: An Analysis and A Solution for Inrush Current Reduction for Three-Phase PWM Inverters by GAICEANU MARIAN	10
			73. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0585 Title: Loss Minimization of Electric Drive Systems Using a Z-Source Inverter in Automotive Applications by GAICEANU MARIAN	10

			74. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0551 Title: Power and Balancing Control Considerations on Modular Multilevel Converters for Battery Electric Vehicles by GAICEANU MARIAN	10
			75. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0551 Title: Power and Balancing Control Considerations on Modular Multilevel Converters for Battery Electric Vehicles by GAICEANU MARIAN	10
			76. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0369 Title: Renewable energy systems for racing sailboats- from simulations to an experimental device by GAICEANU MARIAN	10
			77. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0328 Title: A Current Source Inverter for Battery Electric Vehicles by GAICEANU MARIAN	10
			78. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0262 Title: Control, Analysis and Comparison of Different Control Strategies of Electric Motor for Electric Vehicles Applications by GAICEANU MARIAN	10
			79. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0553 Title: PMSM Position Sensorless Control in the Inverter Overmodulation range by GAICEANU MARIAN	10
			80. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0083 Title: Control Strategy for High Power Active Power Filter by GAICEANU MARIAN	10
			81. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0030 Title: Ripple Free Fault Tolerant Control of Five Phase Permanent Magnet Machines by GAICEANU MARIAN	10
			82. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0013 Title: Model-based Voltage Phase Control for IPMSM with Equilibrium Point Search by GAICEANU MARIAN	10
			83. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0033 Title: An Improved Current Regulation Scheme Used in Indirect Rotor Field Oriented Control for AC Traction Applications by GAICEANU MARIAN	10

			84. EPE Conference 2013: Title: Influence of rotor saturation on the differential inductances of PM-synchronous machines with concentrated winding by GAICEANU MARIAN	10
			85. EPE Conference 2013: Please find here below the review-evaluation of Synopsis number: 0511 Title: Improvement of Torque Control System of PMSM based of Model Predictive Control for overmodulation mode by GAICEANU MARIAN	10
			86. Paper title: "Design of Passive Filters for Reducing Harmonic Distortion and Correcting Power Factor in Two Pulse Rectifier Systems using Optimization" Electronics and Electrical Engineering, Kaunas University of Technology	10
			87. Membru în comitetul ştiinţific al unei manifestări ştiinţifice internaţionale, organizată de asociaţii/organizaţii/ instituţii ştiinţifice internaţionale: EPE-PEMC 2010, http://www.epe-pemc2010.com/content/international-publicity-committee-	10
			88. referent EPE 2011, ID531, A Design of arc power supply for the neutral beam injection	10
			89. EPE ..\Recenzor\EPE2011 new2011, ID 0932 - Fuzzy Control for Back to Back Converter in DFIG for Wind Power Generation	10
			90. EPE 2011, ID 0943 Title: Implementation of sliding mode control to direct drive with permanent magnet synchronous motor	10
			91. IEEE Industrial Electronics Society, IEEE IES AFRICON11, A PROPOSED NOVEL EMPIRICAL MODEL CURRENT VERSUS VOLTAGE FOR PEM HYDROGEN FUEL CELL, Pontsho Mokautu, Andrew Palmer , Christo Pienaar	10
			92. referent Corneliu Botan, Florin Ostafi, Structure of an Optimal Servo Drive System, ISEEE 2010, pp.94-98, STS4. Power converters and applications, Dialogue Session 1- Electrical Engineering	10
			93. ref. *Emad M. Ahmed, Masahito Shoyama,* Highly Efficient Variable-Step-Size Maximum Power Point Tracker for PV Systems, ISEEE 2010pp.112-117, STS4. Power converters and applications, , Dialogue Session 1- Electrical Engineering	10
			94. ref Carmen Lungoci, Energy Management in Hybrid Systems for Automotive, pp.124, ISEEE 2010 STS4. Power converters and applications, , Dialogue Session 1- Electrical Engineering ISEEE 2010	10
			95. ref Ion Voncilă, Elena Voncilă, Grigore Fetecău, Analysis of the Stability of Synchronous Motor - Generator Unit Used in Propulsion Systems of Autonomous Electric Vehicles, pp.143-148, , Dialogue Session 1- Electrical Engineering ISEEE 2010	10
			96. Madalin Costin, Ion Voncila, Grigore Fetecau, The Features of Generators Parallel Connections Used in Conversion Systems of Wind Energy into Electrical Energy, pp.171-176, , Dialogue Session 1- Electrical Engineering ISEEE 2010	10
			97. N. Remijn MSc, B. Krijgsman MSc, Advantages of common DC busses on ships, pp.177-182 ISEEE 2010	10
			98. Bălănuţă C., Gurguiatu G., Munteanu Toader, Fetecău G, Control of 4-leg active power filter for reactive power and unbalance compensation, pp.183-186, , Dialogue Session 1- Electrical Engineering ISEEE 2010	10
			99. Adriana Scarlat, Iulian Munteanu, Antoneta. I. Bratcu and Emil Ceangă, Stability analysis for an improved power optimization method applied to a wind energy conversion system, pp.187-192, Dialogue Session 1- Electrical Engineering	10

			100. Nicolae Badea, Ion Voncila, Marcel Oanca, Ion Paraschiv, Analysis by Indicators Performance of the Conceptual Structures mCCHP-SE using Renewable Energy Sources, pp.315-320 ISEEE 2010	10
			101. Nicolae Badea, Ciprian Vlad, Anders Stolan, Comparative Study of Energy Performance for two mCCHP Systems Used in Domestic Residence, pp.321-326, SS4. Integrated Micro CCHP based on Renewable Energy Sources ISEEE 2010	10
			102. A. Radaschin, V. Apostol , F. Udrescu, G. Vladut, A Predictive Model for the Energetic Management of a mCHP-Stirling Heating Unit, pp.341-346, SS4. Integrated Micro CCHP based on Renewable Energy Sources ISEEE 2010	10
			103. Răzvan Buhosu, Ion Voncilă, Ion Paraschiv, Marcel Oancă, Behavior Analysis of the Electrical System from CHP Plants in Case of Changes in Mechanical and Electrical Quantities and Ttopological Structures, pp. 347, SS4. Integrated Micro CCHP based on Renewable Energy Sources ISEEE 2010	10
			104. EPE 2011, Improvements of Speed Adaptation Response for IPMSM Position Sensorless Vector Control With Parallel Feedforward Compensator, 12c Sensorless techniques	10
			105. EPE 2011, Robust Control System Design for DFIG Wind Turbines, 14a Doubly fed generator control	10
			106. EPE 2011, Investigation of Suitable Switching Strategies for High Efficiency, Three-Phase Inverter Topologies in the Grid connected Transformerless Photovoltaic System, 13c Special developments to achieve energy efficie	10
			107. EPE 2011, Energy Efficient Storage Systems in the DC Link for the Drive Unit of Machine Tools, 13b Energy efficiency, energy saving issues in ele	10
			108.91. EPE 2011, Line impedance estimation using model based identification, 8d Estimation techniques	10
			109. EPE 2011, Fuzzy Control for Back to Back Converter in DFIG for Wind Power Generation, 7b Fuzzy control, neuronal control	10
			110. EPE 2011, Implementation of sliding mode control to direct drive with permanent magnet synchronous motor, 9a Servo drives; stepping and linear drives	10
			111. EPE_PEMC 2010, Fault_tolerant inverter with real time monitoring for aerospace applications, ID 143	10
			112. EPE_PEMC 2010, A New Inverter Topology -Reversing Voltage (RV) - for Multi Level Applications, ID 169	10
			113. EPE_PEMC 2010, Phase Space Vector Modulation for a Four-leg Voltage Source Inverter, ID 175	10
			114. EPE_PEMC 2010, Electromagnetic Simulation of Power Modules via Adapted Modelling Tools, ID 260	10
			115. EPE_PEMC 2010, Realization of Control Algorithms for Active Power Filter by means of DSP TMS320F2812, ID 407	10
			116. ISEEE2013, reviewer, ISEEE 2008 reviewer	16x10 =160
			Total A3.3.1	1310
		A3.3.2	1. Redactor sef revista The Annals of Dunarea de Jos University of Galati, ISSN 1221-454X, 2008-2010, coordonator revista The Annals of Dunarea de Jos University of Galati, ISSN 1221-454X pe perioada 2010-2015 The Annals of Dunarea de Jos University of Galati;	3*6=18
			2. Membru în comitetul redacțional The Annals of Dunarea de Jos University of Galati, ISSN 1221-454X, 2008-2016	9*6=54

			3. Membru în comitetul redacțional THE SCIENTIFIC BULLETIN OF ELECTRICAL ENGINEERING FACULTY UNIVERSITY „VALAHIA" OF TARGOVISTE, www.buletinfie.ro, 2015-2016	1*6=6
			4. Preşedinte al comitetului ştiinţific al unei manifestări ştiinţifice internaţionale, organizată de asociații/organizații/instituții științifice internaționale ISEEE2013, presedinte Steering Committee	6
			5. Membru în comitetul ştiinţific al unei manifestări ştiinţifice internaţionale, organizată de asociații/organizații/ instituții științifice internaționale 2014 PEMC	6
			6. Preşedinte, co-preşedinte al comitetului ştiinţific (chairman, co-chairman) al sectiunilor unei manifestări ştiinţifice internaţionale, organizată de asociații/organizații/instituții științifice internaționale, ICATE 2014, Papers: 5.1-5.7 Chairs: Marian Gaiceanu, Sergiu Ivanov, Thursday, Oct23, room B	6
			7. Organizare 4rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2013 *Conferinta indexata IEEE Xplore, ISI* *Presedinte simpozion ISEEE2013*	6
			8. Organizare 3rd International Symposium on Electrical and Electronics Engineering (ISEEE) Location: Univ Galati, Galati, ROMANIA Date: OCT 11-13, 2010 *Conferinta indexata IEEE Xplore, ISI* *Copresedinte ISEEE2010*	6
			9. Referent științific articol în revistă cu referenti sau colectiv editorial internaţional (revistă indexata BDI TransactiononControlandMechanicalSystem, Formalization Techniques in Task Based Conceptual Design Method, 2014	6
			10. Referent științific articol în revistă cu referenti sau colectiv editorial internaţional (revistă indexata BDI: TransactiononControlandMechanicalSystem, Structural and Contact Analysis of Disc Brake Assembly During Single Stop Braking Event, 2014	6
			11. Recenzie, ICSTCC Number: 169 Title: A review of voltage and frequency control strategies for islanded microgrid, 2012	6
			12. Recenzie, ICSTCC, Number: 52 Title: Efficient State Reference Generation for Torque Control in Externally Excited Synchronous Machines	6
			13. Recenzie, ICSTCCNumber: 168 Title: Sizing and dynamic analyses of a micro-grid supplying a harbor industrial area	6
			14. Referent ***DEEPAK KUMAR NAYAK, S. RAMA REDDY:*** *Atmel Microcontroller Based Soft Switched PWM ZVS Full Bridge DC to DC Converter, pp.5-11*	6
			15. referent ***SILVIU EPURE, EMIL ROSU:*** *Indirect Control of a low power Single-Phase Active Power Filter, pp.27-34*	6
			16. Referent stiintific ***CODREŞ BOGDAN, GHEORGHE PUŞCAŞU, GABRIEL MURARIU, ZANOSCHI AURELIAN:*** *Identification of a Nonlinear Pneumatic Servo System Using Modular Neural Networks, pp.40-47*	6

			17. Referent stiintific ***U. SOWMMIYA, V. JAMUNA:*** *Voltage Control Scheme for Three Phase SVM Inverter Fed Induction Motor Drive Systems, pp.48-53*	6
			18. Referent stiintific ***P.PARVATHY, N. DEVARAJAN:*** *Computer Simulation of Phase Shifted Series Resonant DC to DC Converter, pp.68-72*	6
			19. Referent stiintific ***V.V.SUBRAHMANYA KUMAR BHAJANA, S.RAMA REDDY***: *A Novel ZCS-ZVS Hybrid Bidirectional DC-DC Converter for Fuel Cell and Supercapacitor Application, pp.110-114*	6
			20. Referent stiintific ***V. SIVACHIDAMBARANATHAN, S.S. DASH***: *Analysis and Experimental Verification of Series Resonant PFC DC to DC Converter, pp.115-121*	6
			21. Referent stiintific ***M. NARENDRA KUMAR, K.S.R. ANJANEYULU***: *Simulation of Four Switch PWM AC Chopper Fed Single Phase Induction Motor, pp.122-*	6
			22. Referent stiintific *Radu TIRNOVAN, Stefan GIURGEA, Abdellatif MIRAOUI: Proton Exchange Membrane Fuel Cell Modelling Using Moving Least Squares Technique, pp.11-17,* The Annals of University "Dunarea de Jos" of Galati, Fascicle III Electrotechnics, Electronics, Automatic Control and Informatics, ISSN 1221-454X, Vol 32, No.1	6
			23. Referent stiintific articol in revista cu referenti sau colectiv editorial internaţional (revista indexata BDI)MPPT ALGORITHM FOR SMALL WIND SYSTEMS BASED ON SPEED CONTROL STRATEGY, Vlad Ciprian, Emil Ceanga	6
			24. Referent stiintific STRATEGIES USED FOR DEVELOPING MICRO-CCHP STRUCTURES IN RESIDENTIAL AND PUBLIC BUILDINGS, Nicolae Badea, Nelu CAZACU, Ion VONCILA, Ion PARASCHIV, Marcel OANCA	6
			25. Referent științific articol în revistă cu referenti sau colectiv editorial internaţional (revistă indexata BDI [4]) Date: 25.11.2015, Manuscript number: Article_01_SBEEF_2105_02 Title: INNOVATIVE SYSTEM DEDICATED TO MICROROBOTS MANUFACTURING Authors: Florin DRAGOMIR, Alexandru Ioan IVAN, Valentin GURGU, Nicolae RĂDULESCU, Mihaela IVAN, THE SCIENTIFIC BULLETIN OF ELECTRICAL ENGINEERING FACULTY UNIVERSITY „VALAHIA" OF TARGOVISTE, www.buletinfie.ro	6
			26. Referent științific articol în revistă cu referenti sau colectiv editorial internaţional (revistă indexata BDI [4]) Engineering Science and Technology: an International Journal, Jestch Manuscript Draft Manuscript Number: JESTCH-D-15-00100 Title: Performance Evaluation of UPQC under Nonlinear Unbalanced Load Conditions Using Synchronous Reference Frame Based Control Article Type: Original Research Paper	6
			Total A3.3.2	216

		A3.3.3	1. Presedinte al comitetului stiintific al manifestarii internationale 2nd INTERNATIONAL STUDENT SCIENTIFIC SYMPOSIUM –ISSS'10 - Second Edition, "Dunarea de Jos" University of GALATI, Faculty of Electrical and Electronics Engineering, 27-28 MAY, 2010, Galati, Romania, *http://www.fie.ugal.ro/isss/2010/index.html*	3
			2. Copresedinte SECTIUNEA III- TECHNICAL SESSION, Electronica de putere si actionari electrice, Power Electronics and Electric Drives, 2010	3
			3. Presedinte al comitetului stiintific al manifestarii internationale **ISSS-2009**, **The 1st** International Student Scientific Symposium Researches in Electrical and Electronics Engineering , May 28-29, 2009 , Galaţi, Romania , "DUNAREA DE JOS" UNIVERSITY OF GALATI , ELECTRICAL AND ELECTRONICS ENGINEERING FACULTY;	3
			4. Copresedinte SECTIUNEA III-3rd TECHNICAL SESSION, Electronica de putere si actionari electrice, Power Electronics and Electric Drives, 2009	3
			5. Presedinte in Program Committee of ISSS2012 – 3rd International Student Scientific Symposium-> 23-25 May, 2012;	3
			6. Presedinte SECTIUNEA III-3rd TECHNICAL SESSION, International Student Scientific Symposium-> 23-25 May, 2012, chaiman SECTIUNEA III-3rd TECHNICAL SESSION, Electronica de putere si actionari electrice, Power Electronics and Electric Drives, 2012	3 3
			7. Presedinte in comitetul stiintific si de organizare al 4th ISSS 2013, INTERNATIONAL STUDENT SCIENTIFIC SYMPOSIUM, *http://www.aciee.ugal.ro/isss/2013/;*	3
			8. Presedinte SECTIUNEA III-3rd TECHNICAL SESSION, Electronica de putere si actionari electrice, Power Electronics and Electric Drives, 2013	3
			9. Presedinte în comitetul ştiinţific şi de organizare al 5th ISSS 2014, INTERNATIONAL STUDENT SCIENTIFIC SYMPOSIUM, *http://www.aciee.ugal.ro/ISSS/2014/*;	3
			10. Presedinte SECTIUNEA III-3rd TECHNICAL SESSION, Electronica de putere si actionari electrice, Power Electronics and Electric Drives, 2014*http://www.aciee.ugal.ro/ISSS/2014/*	
			11. Presedinte SECTIUNEA III-3rd TECHNICAL SESSION Electronica de putere si actionari electrice, Power Electronics and Electric Drives, ISSS'11 - Third Edition, "Dunarea de Jos" University of GALATI, Faculty of Electrical and Electronics Engineering, 27-28 MAY, 2011, Galati, Romania http://www.fie.ugal.ro/isss/2011/index.html	3
			12. Președinte International Student Scientific Symposium-> ISSS2015, *http://www.aciee.ugal.ro/ISSS/2015/*	3
			13. Președinte 6th ISSS2015 Section III-Power Electronics and Electric Drives, la SECTIUNEA III- TECHNICAL SESSION, ELECTRONICA DE PUTERE SI ACTIONARI ELECTRICE POWER ELECTRONICS AND ELECTRIC DRIVES, *http://www.aciee.ugal.ro/ISSS/2015/*	3
			14. Organizare seminar international, drSerdar Iplikci- Support Vector Machines and Applications, 28 mai 2014 Galati, Romania, Pamukkale University-Turkey, http://aciee.ugal.ro/nou/informatii/interes-general/anunturi/171-seminar-international-2014	3
			15. Organizare seminar international Yusuf Oner, An Unconventional Approach for Electrical Machine Design: A Spherical Motor Example, Pamukkale University-Turkey, http://aciee.ugal.ro/nou/informatii/interes-general/anunturi/171-seminar-international-2014	3

			16. Organizare seminar international: Principles of induction heating and its applications- Prof. Dr. Bekir Sami SAZAK-10iunie2014, Pamukkale University-Turkey, http://aciee.ugal.ro/nou/informatii/interes-general/anunturi/173-seminar-international-2014-06	3
			17. Membru in comitet stiintific SIELMEN 2013, www.**sielmen**.tuiasi.ro/**2013**/files/**Sielmen2013** CfP en.pdf	3
			18. Organizare seminar international: Power Converters for Induction Heating Systems - Prof. Dr. Bekir Sami SAZAK-11iunie2013	3
			19. Organizare seminar international, dr. Sinan Kivrak- Off Grid Photovoltaic Systems, 27 iunie 2013, Galati, Romania	3
			20. Membru al comitetului de organizare al unei manifestări ştiinţifice internaţionale (conferință/congres), organizată de asociații/organizații/instituții științifice internaționale: Sielmen 2013	3
			21. Presedinte sectiune: SIMPOZIONUL NAŢIONAL Auto –Tehnic 2011, Calitate, performanţă si instruire prin experiment, Ediţia a III – a, 27 noiembrie 2010, **Sectiunea C -Sesiunea naţională de comunicarii stiinţifice în domeniul Fizicii,** COLEGIUL TEHNIC AUTO „TRAIAN VUIA" FOCSANI, in cadrul Reţelei Educaţionale " Hands on Science " România, coordonată de Center for Science Education and Training, *Str. Cotesti, nr. 52 ,Tel / fax :0237236713*, E-mail:gsafocsani@yahoo.com	3
			22. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 38Use of Electrical Resistivity Tomography in the Detection of Hydrocarbons Soil Pollution, SIELMEN2015	3
			23. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 61 Practical Research of Two Structures of Agricultural Solar Installations, SIELMEN2015	3
			24. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 71 Technical - economic analysis for solar domestic hot water production, SIELMEN2015	3
			25. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 78 "Superconducting dipolar magnets for particle accelerators. Two constructive models" , SIELMEN2015	3
			26. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 86 Effects of Lighting Strikes on Power Lines to Nearby Metallic Structures, SIELMEN2015	3
			27. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 88 Possibilities to increase the energy efficiency of buildings , SIELMEN2015	3

			28. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 89 The need for sensitivity analysis and risk assessment of an investment, SIELMEN2015	3
			29. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 93 On the relationship between surface resistivity and static decay for non-homogeneous fabrics, SIELMEN2015	3
			30. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 107 Aspects Regarding the Development of Solutions in the Unprotected Submersible Electrical Motors within the EMAD Research Centre, SIELMEN2015	3
			31. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 11_1016, Soft Start and Synchronous Switching of Permanent Magnet Synchronous Machines without Damping Windings, ICPE 2015-ECCE Asia	3
			32. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 11_1023, Induction Motor Control System Using Bidirectional Quasi-Z Source Inverter, , ICPE 2015-ECCE Asia	3
			33. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 11_1034, A Novel Multiple Linear Motor Control System Based on Nios II, , ICPE 2015-ECCE Asia	3
			34. Referent științific articol în alte reviste de specialitate din străinătate, conferinte internaționale, autor recenzii în baze de date internaționale 11_1039, Active DC motor impedance measurement using two probes, , ICPE 2015-ECCE Asia	3
			35. Referent stiintific: SIELMEN, Using dSPACE Based System in Active Power Filter Control, Prof. Dorin Dumitru Lucache Faculty of Electrical Engineering Iasi lukake@tuiasi.ro	3
			36. Referent stiintific Cathodic protection with hybrid system, Luiza Popa, Mihaela Matei	3
			37. Referent stiintific Implementation and performance evaluation of the digital boost PFC converter working in DCM using DSPIC30F2010, C. Petrea, M. Lucanu	3
			38. Referent stiintific Moving least squares model for proton exchange membrane fuel cell, Radu Rirnovan, S. Giurgea, A. Miraoui	3
			39. Referent stiintific Holistic modelling of the matrix converter system and FPGA Controller using Handel-C, Adel Ghadedo, Marcian Cirstea	3
			40. Referent stiintific The management of the competitive differentiation of companies providing electromechanical equipments for the oil industry, I.C. Rada, St. Nagy, V.S. Abrudan Cacioara	3
			41. Referent stiintific Risk Strategy for Electricity Utilities Companies, Simona Louise Voronca	3

			42. Referent stiintific Advanced Electric ship propulsion, Razvan Magureanu, Mihaela Albu	3
			43. SIELMEN, REEV-Soluții viabile în contextul dezvoltării durabile, Prof. Dorin Dumitru Lucache Faculty of Electrical Engineering Iasi lukake@tuiasi.ro	3
			44. Paper no. 0136, Research on decreasing input current ripple in two-stage of single-phase PV grid inverter	3
			45. Paper no. 0147 Transmission Configuration Effect on Total Efficiency of Electric Vehicle Powertrain	3
			46. Paper no. 0174 Unidirectional fast switching non-isolated DCDC-converter for fuel cell vehicles	3
			47. Paper no. 0207 Precise Ripple Cancellation Technique for Power-Factor Pre-regulator Circuits	3
			48. Paper no. 0258 Development and implementation of a dynamic PV emulator with HMI interface for high power inverters	3
			49. Paper no. 0258 Development and implementation of a dynamic PV emulator with HMI interface for high power inverters	3
			50. Paper no. 0363 Saturation Control of Large Motor Drive Feeding Transformers using Hardware-In-the-Loop Methodology	3
			51. Paper no. 0367 A Modified State-Plane Control of a Bi-directional Series Resonant Converter for an EDLC Energy Storage System in Hybrid Electric Vehicles	3
			52. Paper no. 0383 Comparative evaluation of SiC and Si Transistors in a Swiss-Forward Three Phase Rectifier	3
			53. Paper no. 0548 Voltage Balancing of Three-Phase Floating H-Bridge Modules using Magnetically Coupled Asymmetrical Half Bridges	3
			54. Presedinte sustinere/comisie doctorat 2012 (Elena Voncila, Ciprian Balanuta, Madalin Costin, Adomnicai Cosmin)	3*4
			55. Presedinte comisie doctorat 2014 (Dan Munteanu, Bulgaru-Stefanescu Diana, Vlase Mihai)	3*4
			56. Membru comitet de organizare UGAL INVENT 2014	3
			57. Membru comisie sectiune stiintifica 1 la conferinta internationala SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS, SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS FROM UDJ GALATI, SECTION1 COMMITTEE, SCIENTIFIC COMMITTEE, 2015, http://www.cssd-udjg.ugal.ro/index.php/committees	3
			58. Presedinte ISSS2015, http://www.aciee.ugal.ro/ISSS/2015/	3
			59. Presedinte sectiune EPAE+EPSAC_Cahul_ISSS2015, http://www.aciee.ugal.ro/ISSS/2015/	3
			60. Membru comitet de organizare SCIENTIFIC CONFERENCE OF DOCTORAL SCHOOLS FROM UDJ GALATI, SECTION1 COMMITTEE, SCIENTIFIC COMMITTEE, 2015, http://www.cssd-udjg.ugal.ro/index.php/committees	3
			61. Membru comitet de organizare Salonul UGAL INVENT 2015, editia a II-a, 8-9 oct 2015, Galaţi, România,	3
			62. Membru comitet ştiinţific conferinta internationala SIELMEN2015	3
			63. Președinte secțiune PEM Room 2-222, **Friday, October 9,** 09:00 – 10:30 Session chairs : Mihaela POPESCU, Marian GĂICEANU, SIELMEN 2015	3
			64. Membru în comitetul de organizare Zilele Academiei de Ştiinţe Tehnice din România, Ed.10, 9-10 oct 2015	3

			Total A3.3.3	**210**
			Total	**A3.3=1736**
	3.4 Experiența de management	A3.4.1	Președinte Comisie de Indrumare si orientare profesionala (2012-2016) Președinte Comisie Didactica (2010-2015) Secretar stiintific-2008-2010, 2 ani si 6 luni Prodecan 5,5 ani = 5ani si 6 luni (2010-2016)	20 25 12.5 27.5
		A3.4.2	Membru consiliul facultatii – 2005-in prezent	24
			Membru consiliul departamentului Automatică și Inginerie Electrică: 2012--in prezent	10
				A3.4=119
	3.5 Referent doctorat	A3.5.2	Referent doctorat Razvan Buhosu	0
		A3.5.2	Referent doctorat Dache Cristinel	5
			Total	**A3.5=5**
	3.6 Premii		Premiu international: Premiul III- ModTech 2016	10
			Premiu international: ISEEE 2013, First Prize Award, Vector Controlled Optimal Control for the Induction Machine	10
			Certificat de excelenta 2014, Arcelor Mittal	
			Mențiune Salonul UGAL INVENT 2015, editia a II-a, 8-9 oct 2015, Galaţi, România Artificial Intelligence based Energy Efficient Control for the Variable Speed Electric Drives, autori- Marian Gaiceanu, Emil Rosu, pp. 139-142	
			Grant competitie PhD student member IEEE, CCA 2001, Mexic • 2001 GRANT Awarded by IEEE CONTROL SYSTEM SOCIETY (CCA/ISIC 2001 International Conference, Mexico City). The paper *Implementation Techniques for the Matrix Riccati Differential Equation Solution for Energetic Optimization of the AC Drives* was granted by IEEE (according to IEEE/CSS MAB program http://www.ieeecss.org/MAB/devsupport.html) for participation to CCA/ISIC Conference (International Conference on Control Applications and IEEE International Symposium on Intelligent Control, Mexico, 5-7 September 2001) and presented at Optimal Control Section. • Dr. Eng. Daniel W. Repperger, electronics engineer in the Air Force Research Laboratory, Building 33, AFRL/HECP, Wright Patterson AFB, Ohio 45433, Phone: (937) 255-8765, Fax: (937) 255-8752, E_mail:D.Repperger@IEEE.ORG, Daniel.Repperger@wpafb.af.mil (related to IEEE 2001 grant, CCA/ISIC).	

			Premiu national in domeniu Premiul I pentru cel mai bun articol al anului 2008 al revistei The Annals of University "Dunarea de Jos" of Galati, Fascicle III Electrotechnics, Electronics, Automatic Control and Informatics, ISSN 1221-454X, Vol 31, No.1, pentru articolul: ***Marian GAICEANU, Emil ROSU, Romeo PADURARU, Cristinel DACHE:*** *Optimal Control Development System for Electrical Drives, http://www.ann.ugal.ro/eeai/archives/2008/Lucrare-01-Gaiceanu.pdf*	5
			2002-distinctia Magna Cum Laude, teza de doctorat. Doctor	
			1996 –Premiul I, Gaiceanu, M.: "Simularea numerica a legilor de comanda optimala a sistemelor de actionare electrice cu motoare de c.c.", Sesiunea de comunicari stiintifice studentesti: Electrotehnica, Electronica de Putere, Masini si Actionari Electrice, mai 1996, Universitatea" Dunarea de Jos" Galati;	5
			Total	**A3.6=40**
	3.7 Membru în academii, organizatii, asociatii profesionale de prestigiu, nat. și internat.	A3.7.4	internationale: 1. IEEE-Power Electronics, IEEE-USA	10
			nationale: 1. Membru AGIR, Asociația Generală a Inginerilor din România	4
			2. Membru Asociația de Acționări Electrice	
			Înscris în cadrul Enciclopediei **Who's Who in Science and Engineering 2016 -2017** (Marquis Who's Who 12th Edition),	
			Who'sWho- **Marian Gaiceanu** Encyclopedia article Language: English Database: Marquis Who's Who http://bios.marquiswhoswho.com/marian_gaiceanu/engineering_educator/8307526	
			Who is Who Verlag-Marian Gaiceanu http://www.whoiswho-verlag.ch/versionnew/rumaenien/verlag/63.php?txt_Language=RO&real_str_PersID=RO0701611&uniqueID=3cfdc6ea-c4cf-4aa9-b143-77cba3cf22e7	
			Total	**A3.7=14**
				TOTAL PUNCTAJ CRITERIU A3 **2200.35**
				TOTAL PUNCTAJ (A) **4028.33**

Prof. dr. ing. Marian Găiceanu