

Standarde necesare și obligatorii pentru conferirea titlului didactic de Conferențiar universitar– conform Anexa nr. 11 – COMISIA ELECTRONICĂ (pg. 21 din Monitorul Oficial al României, Partea I, Nr. 890 bis/27.XII.2012)

Nume:

Oana GEMAN

Poziția:

Conferențiar universitar

Condiții minimale, pentru Profesor

1	Activitatea didactică / profesională (A1)	100
2	Activitatea de cercetare (A2)	500
3	Recunoașterea impactului activității (A3)	100
TOTAL A		700

Conditii minimale obligatorii pe subcategorii, pentru Profesor

1	A1.1.1 – A1.1.2	Carti si capitol in carti de specialitate	4 carti / capitole
2	A1.2.1 – A1.2.2	Material didactic / Lucrari didactice	2
3	A2.1	Articole in reviste cotate si in volume ale unor manifestari stiintifice indexate ISI proceedings	12
4	A2.4.1	Granturi/proiecte castigate prin competitive (Director / responsabil)	2
5	A3.1.1 – A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	20
		Factor de impact cumulate pentru publicatii	6

Conditii minimale si obligatorii pe subcategorii realizate de candidat

1	Activitatea didactică / profesională (A1)	100	Cărți și capitole în cărți de specialitate	4 cărți 1 capitol Ed. internaționala (minim 4 carti/capitole)	4 cărți ed. naționale*20 = 80 1 capitol carte ed. internațională*25 = 25 <u>PUNCTAJ=105</u>
			Material didactic / Lucrări didactice	3 (minim 2)	3 materiale didactice*10 = 30 <u>PUNCTAJ=30</u>
					<u>PUNCTAJ A1 = 135</u>

2	Activitatea de cercetare (A2)	500	<p>Articole în reviste cotate și în volume ale unor manifestări științifice indexate ISI proceedings</p> <p>Granturi / proiecte câștigate prin competiție (director / responsabil)</p>	<p>34 (minim 12)</p> <p>2 (minim 2)</p>	<p>34 articole, din care 7 articole în reviste cotate ISI</p> <p>PUNCTAJ articole ISI= 470.7 Punctaj articole BDI=136.67 <u>PUNCTAJ=607.37</u></p> <p>2 granturi director, 5 granturi membru (responsabil), 1 proiect POSDRU – postdoctoral (responsabil temă de cercetare).</p> <p>PUNCTAJ director granturi =40 Punctaj membru/responsabil granturi=27,96 <u>PUNCTAJ= 67,96</u></p> <p><u>PUNCTAJ A2 = 675.33</u></p>
3	Recunoașterea impactului activității (A3)	100	<p>Număr de citări în cărți, reviste, volume ale unor manifestări științifice ISI sau BDI</p> <p>Factor de impact cumulat pentru publicații</p>	<p>20 (minim 20)</p> <p>13.835 (minim 6)</p>	<p>Peste 270 citări din care peste 27 citări ISI (excluzand autocitarile) și peste 150 citări BDI PUNCTAJ citări ISI= 177.77 PUNCTAJ citări BDI= 59.1 PUNCTAJ citări = 236.87</p> <p>PUNCTAJ FI = 13,835</p> <p>PUNCTAJ membru organizare conferințe=54</p>

					PUNCTAJ premii=10 <u>PUNCTAJ A3=314.705</u>
PUNCTAJ A		700			1125.035 (realizat de candidat)

PUNCTAJ candidat

1	Activitatea didactică / profesională (A1) – minim 100	135
2	Activitatea de cercetare (A2) – minim 500	675.33
3	Recunoașterea impactului activității (A3) – minim 100	314.705
PUNCTAJ A	Minim 700	1125.035

Structura activității candidatului						
Nr.crt.	Domeniul activităților			Subcategorii	Indicatori (Kpi)	
1	Activitatea didactică și profesională (A1)	Cărți și capitole în cărți de specialitate în edituri recunoscute	Cărți / monografii /capitole ca autor	A1.1.1 internaționale	25	Ovidiu Schipor, Oana Geman , Iuliana CHIUCHISAN, Mihai Covasa, From Fuzzy Expert System to Artificial Neural Network: Application to Assisted Speech Therapy, Artificial Neural Networks-Models and Applications, Editura InTech, book edited by Joao Luis G. Rosa, ISBN 978-953-51-2705-5, Print ISBN 978-953-51-2704-8, DOI: 10.5772/63332, Published: October 19, 2016, pg. 165-193 DOCUMENTE STANDARDE

					MINIMALE\A1.1.1.pdf Punctaj: 25 Punctaj total: 25
				A1.1.2 naționale	20 1. Geman (Voroneanu) Oana, Teodorescu Horia-Nicolai, Zbancioc Marius, SISTEME BAZATE PE CUNOȘTINȚE. APLICAȚII, Editura Performantica, 294 pagini, ISBN 973-730-014-9, Iași, 2004. Punctaj: 20 DOCUMENTE STANDARDE MINIMALE\A1.1.2.1.zip A1.1.2.1.zip 2. Geman Oana, George Mahalu, Marius Prelipceanu, APLICAȚII ÎN VRML, Editura MATRIXROM, 285 pagini, ISBN 978-606-250-039-9, 2014. Punctaj: 20 DOCUMENTE STANDARDE MINIMALE\A1.1.2.2.zip A1.1.2.2.zip 3. Geman Oana, Roxana Todorean, ELEMENTE DE ANALIZĂ NELINIARĂ ȘI METODE MODERNE DE PROCESARE A SEMNALELOR BIOMEDICALE, Editura PIM; 174 pagini, ISBN 978-606-13-3659-3, 2017

						<p>Punctaj: 20 DOCUMENTE STANDARDE MINIMALE\CARTI\elemente de analiza neliniara\elemente de analiza neliniara.zip</p> <p>4. Geman Oana, Roxana Todorean, DE LA SISTEME EXPERT LA SISTEME INTELIGENTE , CU APLICAȚII ÎN MEDICINĂ, Editura PIM, 165 pagini, ISBN 978-606-13-3660-9, 2017</p> <p>Punctaj: 20 DOCUMENTE STANDARDE MINIMALE\CARTI\de la sist expert\de la sist expert.zip</p> <p>Punctaj total 20*4=80</p>
		Material didactic / Lucrări didactice	Manuale didactice	A1.2.1.	10	<p>1. Geman Oana, Didactica predării informaticii, proiectul POSDRU “Calitatea, Inovare si Comunicare in sistemul de formare continua a didacticienilor din cadrul invatamantului superior”, Cod Contract:POSDRU/87/1.3./S/63709, Universitatea Politehnică București, 2013. A1.2.1.1.pdf DOCUMENTE STANDARDE MINIMALE\A1.2.1.1.pdf</p> <p>2. Geman Oana, Suport</p>

					<p>de curs și lucrări practice pentru Electronică Medicală, an IV, Electronică Aplicată, Facultatea de Inginerie Electrică și Știința Calculatoarelor, Universitatea Ștefan cel Mare Suceava, proiect POSDRU – DIDATEC, www.didatec.ro, www.eed.usv.ro/~geman</p> <p>3. Geman Oana, Suport de curs pentru Bioingineria Reabilitării, Specializarea Balneofiziokinetoterapie și Recuperare, Departamentul de Sănătate și Dezvoltare Umana, Universitatea Ștefan cel Mare Suceava, proiect POSDRU – Dezvoltarea unei platforme de tip e-Educație care va susține electronic procesul de învățământ desfășurat la Universitatea Ștefan cel Mare din Suceava, www.portal.usv.ro A.1.2.1.8.pdf DOCUMENTE STANDARDE MINIMALE\A.1.2.1.8.pdf</p> <p>Punctaj: 3*10=30</p>
2	Activitatea de cercetare (A2)	Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings		A2.1	<p>(25+20*factor impact)/nr. autori</p> <p>1. Geman (Voroneanu) Oana, Teodorescu H.N., Zamfir C., “Nonlinear analysis and selection of relevant parameters in assessing the treatment results of reducing tremor,</p>

					<p>using DBS procedure”, 2004 IEEE International Joint Conference on Neural Networks, 2004, Vol. 1-4, Proceedings, pg. 2461-2466, ISSN: 1098-7576, ISBN: 0-7803-8359-1</p> <p>A2.1.1.jpg</p> <p>Punctaj: (25+20*0.25)/3=10</p> <p>2. Geman Oana, “Data Processing for Parkinson’s Disease: Tremor, Speech and Gait Signal Analysis”, 2011 E-Health and Bioengineering Conference (EHB), 2011, ISBN: 978-1-4577-0292-1</p> <p>A2.1.2-5.jpg</p> <p>Punctaj: (25+20*0.25)/1=30</p> <p>3. Geman Oana, “A Fuzzy Expert Systems Design for Diagnosis of Parkinson’s disease”, 2011 E-Health and Bioengineering Conference (EHB), 2011, ISBN: 978-1-4577-0292-1</p> <p>A2.1.2-5.jpg</p> <p>Punctaj: (25+20*0.25)/1=30</p> <p>4. Geman Oana, Turcu C.O., “Partitioning Methods used in DBS Treatments Analysis Results”, 2011 International Joint</p>
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					<p>Conference on Neural Networks (IJCCC), 2011, pg. 1788-1793, ISBN: 978-1-4244-9636-5 A2.1.2-5.jpg Punctaj: $(25+20*0.25)/2=15$</p> <p>5. Geman Oana, “Data Mining Tools Used in Deep Brain Stimulation – Analysis results”, Book Series Title: IFIP Advances in Information and Communication Technology, Vol. 364, pg. 259-264,2011, 12th INNS EANN-SIG International Conference (EANN 2011)/7th IFIP International Conference (AIAI 2011), ISSN: 1868-4238, ISBN: 978-3-642-23960-1 A2.1.2-5.jpg Punctaj $(25+20*0.25)/1=30$</p> <p>6. Geman Oana, Zamfir C., “Using Wavelet for Early Detection of Pathological Tremor”, 2012 Proceedings of the 20th European Signal Processing Conference (EUSIPCO), Book Series Title: European Signal Proceedings Conference, pg. 1723-1727, 2012, ISSN: 2076-1465, ISBN: 978-1-4673-1068-0 A2.1.6.jpg</p>
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					<p>Punctaj: $(25+20*0.25)/2=15$</p> <p>7. Geman Oana, Turcu C.O., Graur A., “Parkinson’s disease Screening Tools using a Fuzzy Expert System”, Advances in Electrical and Computer Engineering, Vol. 13, No. 1, pp. 41-46, 2013, ISSN: 1582-7445 A2.1.7-11.jpg</p> <p>Punctaj: $(25+20*0.555)/2=12.03$</p> <p>8. Geman Oana, Costin H., “Parkinson’s Disease Prediction based on Multistate Markov Models”, International Journal of Computers Communications & Control, Vol. 8, Nr. 4, pg. 525-537, 2013, ISSN: 1841-9836 Punctaj: $(25+20*0.441)/2=16.91$ A2.1.7-11.jpg</p> <p>9.Geman Oana, Pohoată S., Graur A., “Acquisition and Processing data for Early Stage of Parkinson’s Disease”, Revue Roumaine des Sciences Techniques – Serie Electrotechnique et Energetique, Vol. 58, nr. 3, pg. 324-334, 2013, ISSN: 0035-4066</p>
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						<p>Punctaj: $(25+20*0.337)/3=10.58$ A2.1.7-11.jpg</p> <p>10. Geman Oana, “A Markov Model for Analyzing the Health Status of the Romanian Population until 2020”, Proceedings of the IEEE International Conference on E-Health and Bioengineering, EHB 2013, ISBN: 978-1-4799-2372-4</p> <p>Punctaj: $(25+20*0.25)/1=30$ A2.1.7-11.jpg</p> <p>11. Geman Oana, “Nonlinear Dynamics, Artificial Neural Networks and Neuro-Fuzzy Classifier for Automatic Assessing Tremor Severity”, Proceedings of the IEEE International Conference on E-Health and Bioengineering, EHB 2013, ISBN: 978-1-4799-2372-4</p> <p>Punctaj: $(25+20*0.25)/1=30$ A2.1.7-11.jpg</p> <p>12. Iuliana Chiuchisan, Oana Geman, Marius Prelipceanu, Hariton-Nicolae Costin, Health Care System for Monitoring Older Adults in a "Green" Environment using Organic</p>
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					<p>Photovoltaic Devices, Environmental Engineering & Management Journal (EEMJ), Dec2016, Vol. 15 Issue 12, pg. 2595-2604, 10 pag, FI 1.008 A2.1.2016.pdf Punctaj: (25+20*1.008)/4=11,29</p> <p>13. Oana Geman, Iuliana Chiuchisan, Mihai Covasa, Konstantinos Eftaxias, Saeid Sanei, Jonni Guiller Ferreira Madeira, Ronney Arismel Mancebo Boloy, Joint EEG—EMG signal processing for identification of the mental tasks in patients with neurological diseases, Proceedings of the 24th European Signal Processing Conference (EUSIPCO), 2016, pp. 1598-1602. A2.1.2016.pdf Punctaj: (25+20*0,25)/7=4,28</p> <p>14. Oana Geman, Iuliana Chiuchisan, Mihai Covasa, Data mining and knowledge discovery tools for human microbiome big data, Proceedings of the 6th International Conference on Computers Communications and Control (ICCC), 2016, pp. 91-96 A2.1.2016.pdf Punctaj: (25+20*0,25)/3=10</p>
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					<p>15. Alexandru Barleanu, Marius Hagan, Oana Geman, Iuliana Chiuchisan, Wearable Ballistocardiography system for heartbeat detection, Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 2016, pp. 294-298. A2.1.2016.pdf Punctaj: (25+20*0,25)/4=7,5</p> <p>16. Roxana Todorean Aldea, Oana Geman, Iuliana Chiuchisan, Anca Mihaela Lazar, A comparison between healthy and neurological disorders patients using nonlinear dynamic tools, Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 2016, pp. 299-303. A2.1.2016.pdf Punctaj: (25+20*0,25)/4=7,5</p> <p>17. Iuliana Chiuchisan, Oana Geman, Trends in embedded systems for e-Health and biomedical applications, Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 2016, pp. 304-308. A2.1.2016.pdf Punctaj: (25+20*0,25)/2=15</p>
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					<p>18. Oana Geman, Marius Hagan, Iuliana Chiuchisan, A novel device for peripheral neuropathy assessment and rehabilitation, Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 2016, pp. 309-312. A2.1.2016.pdf Punctaj: (25+20*0,25)/3=10</p> <p>19. Marius Hagan, Oana Geman, A Wearable System for Tremor Monitoring and Analysis, Proceedings of the Tomanian Academy series A-Mathematics Physics Technical Sciences Information Science, Vol. 17, Issue 1, pagini 90-98, martie 2016, WOS:000372944600012, ISSN: 1454-9069 A2.1.2016.pdf Punctaj: (25+20*1,735)/2=29,85</p> <p>20. Oana Geman, Iuliana Chiuchisan, A health care self-monitoring system for patients with visual impairment using a network of sensors, Proceedings of the 2015 E-Health and Bioengineering Conference (EHB), 2015.</p>
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					<p>A2.1.2015.pdf Punctaj: (25+20*0,25)/2=15</p> <p>21. Oana Geman, Iuliana Chiuchisan, Deep brain stimulation efficiency and Parkinson's disease stage prediction using Markov models, Proceedings of the 2015 E-Health and Bioengineering Conference (EHB), 2015. A2.1.2015.pdf Punctaj: (25+20*0,25)/2=15</p> <p>22. Oana Geman, Iuliana Chiuchisan, Andrei Coriolan Iuresi, Iulian Chiuchisan, Mihai Dimian, Anca Bosancu, Daniela Buliga, Mihai Covasa, Intelligent System for a Personalized Diet of Obese Patients with Cancer, Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering (EPE), Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, 2014, pp. 528-531. A2.1.2014a.jpg Punctaj: (25+20*0,25)/8=3,75</p> <p>23. Chiuchisan Iuliana, Hariton-Nicolae Costin, Oana Geman, Adopting the Internet of Things Technologies in Health Care</p>
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					<p>Systems, Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering (EPE), Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, 2014, pp. 532-535. A2.1.2014a.jpg Punctaj: (25+20*0,25)/3=10</p> <p>24. Chiuchisan Iuliana, Oana Geman, Iulian Chiuchisan, Andrei Coriolan Iuresi, Adrian Graur, NeuroParkinScreen – A Health Care System for Neurological Disorders Screening and Rehabilitation, Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering (EPE), Workshop on Electromagnetic Compatibility and Engineering in Medicine and Biology, 2014, pp. 536-540. A2.1.2014a.jpg Punctaj: (25+20*0,25)/5=6</p> <p>25. Antonovici Dorin-Andrei, Chiuchisan Iuliana, Geman Oana, Tomegea Andrei, Acquisition and management of biomedical data using Internet of Things concepts, Proceedings of the 2014 International Symposium on Fundamentals of Electrical</p>
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					<p>Engineering (ISFEE), ISBN: 978-1-4799-6820-6, DOI 10.1109/ISFEE.2014.7050625 2014, pp.1-4. A2.1.2014b.jpg Punctaj: (25+20*0,25)/4=7,5</p> <p>26. Prochazka, A, Vysata, O; Schatz, M; Charvatova, H; Araujo, CPS; Geman, O; Marik, V Title: VIDEO PROCESSING AND 3D MODELLING OF CHEST MOVEMENT USING MS KINECT DEPTH SENSOR Book Group Author(s): IEEE Source: 2016 INTERNATIONAL WORKSHOP ON COMPUTATIONAL INTELLIGENCE FOR MULTIMEDIA UNDERSTANDING (IWCIM) Published: 2016 Accession Number: WOS:000392205700002 Conference Title: International Workshop on Computational Intelligence for Multimedia Understanding (IWCIM) Conference Date: OCT 27-28, 2016 Conference Location: Reggio Calabria, ITALY ISBN: 978-1-5090-5524-1 A2.1.2016.pdf Punctaj:</p>
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					<p>(25+20*0,25)/7=4,28</p> <p>27. Geman, O; Costin, H Title: ROLE OF ENVIRONMENTAL RISK FACTORS IN PARKINSON'S DISEASE: BUCOVINA REGION CASE STUDY Source: ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 14 Issue: 10 Pages: 2435-2444 Published: OCT 2015 Accession Number: WOS:000366335000020 ISSN: 1582-9596 eISSN: 1843-3707 A2.1.2015.pdf Punctaj: (25+20*1,008)/2=22,58</p> <p>28. Geman, O; Sanei, S; Costin, HN; Eftaxias, K; Vysata, O; Prochazka, A; Lhotska, L Title: CHALLENGES AND TRENDS IN AMBIENT ASSISTED LIVING AND INTELLIGENT TOOLS FOR DISABLED AND ELDERLY PEOPLE Book Group Author(s): IEEE Source: 2015 INTERNATIONAL WORKSHOP ON COMPUTATIONAL</p>
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					<p>INTELLIGENCE FOR MULTIMEDIA UNDERSTANDING (IWCIM) Published: 2015 Conference Date: OCT 29- 30, 2015 Conference Location: PRAGUE, CZECH REPUBLIC ISBN: 978-1-4673-8457-5 A2.1.2015.pdf Punctaj: (25+20*0,25)/7=4,28</p> <p>29. Schatz, M ; Centonze V; Kuchynka, J; Tupa, O; Vysata, O; Geman, O; Prochazka, A Title: STATISTICAL RECOGNITION OF BREATHING BY MS KINECT DEPTH SENSOR Book Group Author(s): IEEE Source: 2015 INTERNATIONAL WORKSHOP ON COMPUTATIONAL INTELLIGENCE FOR MULTIMEDIA UNDERSTANDING (IWCIM) Published: 2015 Accession Number: WOS:000380431200002 Conference Title: International Workshop on Computational Intelligence for Multimedia Understanding (IWCIM) Conference Date: OCT 29-</p>
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					<p>30, 2015 Conference Location: PRAGUE, CZECH REPUBLIC ISBN: 978-1-4673-8457-5 A2.1.2015.pdf Punctaj: $(25+20*0,25)/7=4,28$</p> <p>30. Bosancu, A; Lungu, MM, Geman, O Title: Trends in Healthy Status among Students in the Department of Health and Human Development, Suceava, Romania, 2013-2015 Book Group Author(s): IEEE Source: 2015 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) Published: 2015 Accession Number: WOS:000380397900092 Conference Title: E-Health And Bioengineering Conference (EHB) Conference Date: NOV 19-21, 2015 Conference Location: Iasi, ROMANIA ISBN: 978-1-4673-7545-0 A2.1.2015.pdf Punctaj: $(25+20*0,25)/3=10$</p> <p>31. Hagan, M; Constantinescu, A; Geman, O</p>
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					<p>Title: Tremor Analysis in Neurological Disorders using Intelligent Clothes</p> <p>Book Group Author(s): IEEE</p> <p>Source: 2015 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB)</p> <p>Published: 2015</p> <p>Accession Number: WOS:000380397900059</p> <p>Conference Title: E-Health And Bioengineering Conference (EHB)</p> <p>Conference Date: NOV 19-21, 2015</p> <p>Conference Location: Iasi, ROMANIA</p> <p>ISBN: 978-1-4673-7545-0</p> <p>A2.1.2015.pdf</p> <p>Punctaj: (25+20*0,25)/3=10</p> <p>32. Lungu, MM; Bosancu, A; Geman, O</p> <p>Title: Mini-review: Human Microbiome Project - Recent Trends and Future Challenges</p> <p>Book Group Author(s): IEEE</p> <p>Source: 2015 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB)</p> <p>Published: 2015</p> <p>Accession Number: WOS:000380397900089</p> <p>Conference Title: E-Health And Bioengineering Conference (EHB)</p>
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					<p>Conference Date: NOV 19-21, 2015 Conference Location: Iasi, ROMANIA Conference Sponsors: IEEE, IEEE-EMB Romania Chapter, Inst Comp Sci Roamanian Acad Iasi Branch, Romanian Soc Med Bioengineering, IEEE Romania Sect, EHB ISBN: 978-1-4673-7545-0 A2.1.2015.pdf Punctaj: (25+20*0,25)/3=10</p> <p>33. Geman, Oana; Costin, Hariton Automatic Assessing of Tremor Severity Using Nonlinear Dynamics, Artificial Neural Networks and Neuro-Fuzzy Classifier ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 14 Issue: 1 Pages: 133-138 Published: 2014 Punctaj: (25+20*0,459)/2=17,09 A2.1.2014a.jpg</p> <p>34. Eftaxias, K ; Enshaeifar, S; Geman, O ; Kouchaki, S; Sanei, S Detection of Parkinson's Tremor from EMG Signals; A Singular Spectrum Analysis Approach</p>
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					<p>Book Group Author(s):IEEE 2015 IEEE INTERNATIONAL CONFERENCE ON DIGITAL SIGNAL PROCESSING (DSP) Pages: 398-402 Published: 2015 Punctaj: $(25+20*0,25)/5=6$ A2.1.DSP2015.jpg</p> <p>Dovezile pentru 1-34 sunt disponibile la adresa: https://apps.webofknowledge.com/Search.do?product=WOS&SID=W2hrwfrDltW2VkoNsHd&search_mode=GeneralSearch&prID=c0fa2666-063c-4e93-bd39-46cdad616fb8</p>
	Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)		A2.2	20/nr. autori	<p>1. Feraru M., Geman Oana (Voroneanu), “Knowledge based system used for identification and recognition of emotions”, Proceedings of 9th International Symposium on Automatic Control and Computer Science - SACCS, Editura Politehniun a Universității Tehnice Gh. Asachi Iași, ISSN 1843-7257, 16-18 noiembrie 2007, Iași, România, pg. 238-244 (2007). 20/2=10 GEMAN fisa de verificare.pdf</p>

					<p>2. Amariei L., Geman (Voroneanu) Oana, “A knowledge-based system used to develop an eligibility criteria in case of the cardiac valve prosthesis, MS'2004”, iulie 2004, Lyon, Franta, (http://www.ms2004-france.org) 20/2=10 GEMAN fisa de verificare.pdf</p> <p>3. Amariei L., Geman (Voroneanu) Oana, “Decision Support System for Operative Indications in Case of Cardiac Valve Surgery, Using Fuzzy Logic”, IEEE International Workshop on Soft Computing Applications, pp. 126-132, Szeged-Arad, 2005, ISBN 936 219 001 7 20/2=10 GEMAN fisa de verificare.pdf</p> <p>4. Zamfir, C., Geman (Voroneanu) Oana, An adaptive system to simulate the Parkinsonin tremor, AMSE International Conference on Modelling and Simulation, Lyon, 2004, http://www.ms2004-france.org 20/2=10 GEMAN fisa de verificare.pdf</p> <p>5. Amariei L.,</p>
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					<p>Teodorescu H.-N., Geman (Voroneanu) Oana, “Elemente de Data Mining si Knowledge Discovery pentru un sistem suport de decizie utilizat in chirurgia cardiaca a valvelor mitrale”, Scientific Bulletin, Series Electronics and computers science, ISSN-1453-1119, 2004 20/3=6.67 GEMAN fisa de verificare.pdf</p> <p>6. Amariei L., Geman (Voroneanu) Oana, “Elemente de Data Mining și Knowledge Discovery pentru un sistem suport de decizie utilizat in chirurgia cardiaca a valvelor”, Revista de Inventică, Nr. 47, Vol. IX, an XIV, 2004, ISSN 1210-3084 20/2=10 GEMAN fisa de verificare.pdf</p> <p>7. Geman (Voroneanu) Oana, Branzilă B.C, Teodorescu H. N., “Prelucrarea neliniară a semnalelor de tremur cu DBS - Deep Brain Stimulation”, Scientific Bulletin, Series</p>
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	Proprietate internațională, brevete de invenție, certificate ORDA		A2.3.1 internaționale	35/nr. autori	-
			A2.3.2 naționale	25/nr. autori	-
	Granturi / proiecte câștigate prin concurință	Director / responsabil	A2.4.1.1 internaționale	20*ani de desfășurare	-
			A2.4.1.2 naționale	10*ani de desfășurare	Director Contract de cercetare NR. 33557 / 2003, COD CNCIS 76, NR. TEMA 46 / 2001- 2003, UTILIZAREA PARAMETRILOR ȘI METODELOR NELINIARE ÎN SISTEME BAZATE PE

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			Membru în echipe	A2.4.2.1 internaționale	4*ani de desfășurare	-
				A2.4.2.2 naționale	2*ani de desfășurare	Membru permanent în colectivul de cercetare al proiectului AT, nr. 67/2002, COMPLEX BIOINSTRUMENTAL DE EVALUARE A STĂRII BIOPSIHICE A

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					<p>Membru permanent în colectivul de cercetare al proiectului</p> <p>ANCS cu titlul: "THE EXODUS OF THE ROMANIAN WHITE BLOUSES TOWARDS FRANCE IN THE CONTEXT OF WIDENING THE EUROPEAN ECONOMIC SPACE" (National Authority for Scientific Research of Romania ANCS), director proiect Lector Despina Vasilcu, 2012-2014.</p> <p>2*2=4</p> <p>GEMAN fisa de verificare.pdf</p> <p>Membru permanent în colectivul de cercetare al proiectului IDEI cu titlul: Analiza unor noi factori de risc ce influențează controlul ingestiei alimentelor și reglarea greutății corpului. (http://www.uefiscdi.gov.ro/userfiles/file/PN%20II_PC_E_Competitia%202012/PC_E%202012_proiecte%20prijmite.pdf). Director Prof. Dr. Mihai Covasa finanțabil cu data de 2 septembrie 2013</p> <p>2*2.25=4.5</p> <p>www.eed.usv.ro/idei 48</p>
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3	Recunoașterea și impactul activității (A3)	Citări în cărți, reviste și volume ale unor manifestări științifice		A3.1.1 cărți, ISI	8/nr. aut. art. citat	<p>1. Articolul: Oana Geman, “A Fuzzy Expert Systems Design for Diagnosis of Parkinson’s Disease” citat în Pohoată S., Graur A., “HDTV System for Parkinson’s Disease”,</p>

					<p>Advances in Electrical and Computer Engineering, Vol. 13, Nr. 2, 2013, pg. 91-96. 8/1=8</p> <p>2. Articolul: Oana Geman, “Data Processing for Parkinson’s Disease: Tremor, Speech, and Gait Signal Analysis” citat în Pohoată S., Graur A., “HDTV System for Parkinson’s Disease”, Advances in Electrical and Computer Engineering, Vol. 13, Nr. 2, 2013, pg. 91-96. 8/1=8</p> <p>3. Articolul: S. Pohoată, Oana Geman, A. Graur, “Dual Tasking: Gait and tremor in Parkinson’s disease – acquisition, processing and clustering” citat în Pohoată S., Graur A., “HDTV System for Parkinson’s Disease”, Advances in Electrical and Computer Engineering, Vol. 13, Nr. 2, 2013, pg. 91-96. 8/3=2.67</p> <p>4. Articolul: Oana Geman, C. Zamfir, “Nonlinear Dynamics Parameters and K-Means Clustering Algorithm used in DBS Treatments Analysis Results” citat în I. Ungureanu, N.C. Găitan, “Speech Analysis or Medical Predictions Based on Cell</p>
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				A3.1.2 BDI	4/nr. aut. art. citat	<p>1. Articolul: Oana Geman, I., Ungurean, V. Popa, C.O. Turcu, N.C. Găitan, „Gait in Parkinson’s Disease – signal processing and modeling” citat în manish Dubey, A.K. Wadhwani, S. Wadhwani, „Gait Based Vertical Ground reaction Force Analysis for Parkinson’s Disease Diagnosis Using Self Organizing Map”, International Journal of Advanced Biological and Biomedical Research, ISSN: 2322-4827, vol,1, nr. 6, 2013, pg. 624-636</p> 4/5=0.8 4/5=0.8 (2 citări)
						<p>2. Articolul: Geman O., “Data Processing for Parkinson’s Disease Tremor, Speech and Gait Signal Analysis”. IEEE Internat. Conf., 2011 E-Health and Bioengng. Conf., EHB, Iași, Romania, November 24-26, 2011, citat în lucrarea M.Hăgan, “System for Measurment and Analysis of</p>

					<p>Tremor Using Force and Accelerometric Sensors”, Buletinul Institutului Politehnic Iași, Tomul LVIII (LXII), fasc. 3, 2012, secția ELECTROTEHNICĂ. ENERGETICĂ. ELECTRONICĂ, PG. 64.</p> <p>4/1=4 4/1=4 (2 citări)</p> <p>3. Articolul: Geman Oana, “A Fuzzy expert systems design for diagnosis of Parkinson’s disease”, EHB 2011 citat în articolul: I.K.G. Darma Putra, P.M. Prihatini, “Fuzzy Expert System for Tropical Infectious Disease by Certainty Factor”, TELKOMNIKA, vol. 10, nr. 4, 2012, pg. 825-836, ISSN: 1693-6930</p> <p>și în Fuzzy Expert System for Tropical Infectious Disease by Certainty Factor PM Prihatini - Indonesian Journal of Electrical Engineering 2012 - iaescor.com</p> <p>4/1=4 4/1=4</p> <p>4. Articolul: Articolul: Oana Geman, Corneliu-Octavian Turcu, Adrian Graur, “Parkinson’s disease Assessment using Fuzzy Expert System and Nonlinear</p>
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					<p>Dynamics”, Advances in Electrical and Computer Engineering, vol. 13, pg. 41-46, ISSN 1582-7445 citat în D.C. Irimia, M.S. Poboroniuc, “Improved Method to Perform FES&BCI Based Rehabilitation”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013 4/3=1.33</p> <p>5. Articolul: Oana Geman, C. Zamfir, “Nonlinear Dynamics parameters and K-Means Clustering Algorithm used in DBS Treatments Analysis Results”, Proc. ECIT 2010 , ISSN 2049-038x, pg. 272-284 citat în S. Soviany, S. Puşcoci, “A Feature Correlation-based Fuzion Method for Fingerprint and Palmprint Identification Systems”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013 4/2=2</p> <p>6. Articolul: Articolul: Oana Geman, Corneliu-Octavian Turcu, Adrian Graur, “Parkinson’s disease Assessment using Fuzzy Expert System and Nonlinear</p>
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					<p>Dynamics”, Advances in Electrical and Computer Engineering, vol. 13, pg. 41-46, ISSN 1582-7445 citat în H. Costin, S. Schulz, K.-J. Bar, I. Alexa, F. Adochiei, A. Voss, “Increased QT Variability Index as a Marker for a Cardiac Autonomic Dysregulation in Schizophrenia”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013</p> <p>4/3=1.33 4/3=1.33 (2 citări)</p> <p>7. Articolul: Oana Geman, Corneliu-Octavian Turcu, “Data Mining Tools and Deep Brain Stimulation Target Evaluation”, Proceedings of the 6th IEEE Advanced Computing Systems: Technology and Applications, Prague, ISBN 978-1-4577-1423-8, pp. 701-705, 2011 citat în I. Chiuchișan, “Implementation of Medical Image Processing Algorithm on Reconfigurable Hardware”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013</p> <p>4/2=2</p>
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					<p>8. Articolul: Oana Geman, “Data Mining Tools used in Deep Brain Stimulation Treatments – Analysis Results”, Proceedings IFIP AICT – Advances in Information and Communication Technology, 364, ISBN 978-3-642-23956-5, Springer, 2011, pp. 259-264 citat în I. Chiuchișan, “Implementation of Medical Image Processing Algorithm on Reconfigurable Hardware”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013 4/1=4</p> <p>9. Articolul: Oana Geman, Cornel Turcu, “Partitioning Methods used in DBS Treatments Analysis Results”, ISI Proceedings of 2011 International Joint Conference on Neural Networks, USA, ISBN 978-1-4244-9636-5, pg. 1788-1793 citat în I. Chiuchișan, “Implementation of Medical Image Processing Algorithm on Reconfigurable Hardware”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013 4/2=2</p>
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					<p>10. Articolul Oana Geman, C. Zamfir, “Nonlinear Dynamics parameters and K-Means Clustering Algorithm used in DBS Treatments Analysis Results”, Proceedings of 6th European Conference on Intelligent Systems and Technologies, ISSN 2049-038x, pp. 272-284, 2010 citat în I. Chiuchișan, “Implementation of Medical Image Processing Algorithm on Reconfigurable Hardware”, The 4th IEEE International Conference on E-Health and Bioengineering, ISBN 978-1-4799-2373-1, 2013 4/2=2</p> <p>11. Cartea H.N. Teodorescu, M. Zbancioc, Oana Geman (Voroneanu), Sisteme bazate pe cunoștințe. Aplicații, Editura Performantica, ISBN 973-730-014-9, 2004, pp. 294 citată în H.N. Teodorescu, M. Zbancioc, „Dynamics of Fuzzy Models for Market Players. The Three Companies Case”, F.S.A.I. vol. 11, nr. 1-3, pg. 73-108, 2005 4/3=1.33</p>
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					<p>15. Articolul: “Adopting the Internet of Things technologies in health care systems”, autori Iuliana Chiuchisan; Hariton-Nicolae Costin; Oana Geman, a fost citat in articolul "Architecture of an IoT-based system for football supervision (IoT Football)", autori Mohammed Abdulaziz Ikram, Mohammad Dahman Alshehri and Farookh Khadeer Hussain, publicat in volumul conferintei internationale indexate IEEE Xplore - IEEE 2nd World Forum on Internet of Things (WF-IoT) 2015, pp. 69-74, 2015. 4/3=1.33</p> <p>12. Articolul: “Adopting the Internet of Things technologies in health care systems”, autori Iuliana Chiuchisan; Hariton-Nicolae Costin; Oana Geman, a fost citat in articolul "A comprehensive review on usage of Internet of Things (IoT) in healthcare system", autori Darshan K. R. and Anandakumar K. R., publicat in volumul conferintei internationale indexate IEEE Xplore - 2015 International Conference on Emerging Research in Electronics Computer Science and Technology (ICERECT), pp.</p>
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					<p>132-136, 2015. 4/3=1.33</p> <p>13. Articolul: "Adopting the Internet of Things technologies in health care systems", autori Iuliana Chiuchisan; Hariton-Nicolae Costin; Oana Geman, a fost citat in articolul "Bluetooth devices for the optimization of patients' workflow in a radiation oncology department", autori Mario Magliulo, Laura Cella and Roberto Pacelli, publicat in volumul conferintei internationale indexate IEEE Xplore - E-Health and Bioengineering Conference (EHB) 2015. 4/3=1.33</p> <p>14. Articolul: "Adopting the internet of things technologies in health care systems", autori Iuliana Chiuchisan; Hariton-Nicolae Costin; Oana Geman, a fost citat in articolul "Service-Oriented Security Framework for Remote Medical Services in the Internet of Things Environment", autori Jae Dong Lee, Tae Sik Yoon, Seung Hyun Chung, Hyo Soung Cha, publicat in Healthcare Informatics Research, Vol. 21(4), pp:</p>
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					<p>271-282, octombrie 2015. 4/3=1.33</p> <p>15. Articolul: "Intelligent System for a Personalized Diet of obese patients with Cancer", autori Oana Geman; Iuliana Chiuchisan; Andrei Coriolan Iuresi; Iulian Chiuchisan; Mihai Dimian; Anca Bosancu; Daniela Buliga; Mihai Covasa, a fost citat in articolul "Palliative care MOOC project research findings and the development of standardized protocols: Multimedia applications for medical and healthcare education and e-learning", autori Anca Colibaba, Stefan Colibaba, Irina Gheorghiu, Ovidiu Ursa, Cintia Colibaba and Andreea Ionel, publicat in volumul conferintei internationale indexate IEEE Xplore - E-Health and Bioengineering Conference (EHB) 2015. 4/8=0.2</p> <p>16. Articolul: "Towards an inclusive Parkinson's screening system", autori Oana Geman; Saeid Sanei; Iuliana Chiuchisan; Adrian Graur; Aleš Procházka; Oldřich Vyšata, a fost citat in articolul "Bluetooth devices for the optimization of patients' workflow in a</p>
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					<p>radiation oncology department", autori Mario Magliulo, Laura Cella and Roberto Pacelli, publicat in volumul conferintei internationale indexate IEEE Xplore - E-Health and Bioengineering Conference (EHB) 2015. 4/6=0.66</p> <p>18. Articolul: "Acquisition and management of biomedical data using Internet of Things concepts", autori Dorin-Andrei Antonovici; Iuliana Chiuchisan; Oana Geman; Andrei Tomegea, a fost citat in articolul "Energy-efficient remote healthcare monitoring using IoT: a review of trends and challenges", autori W.A.N.W. Abdullah, N. Yaakob, M.E. Elobaid, M.N.M. Warip, S.A. Yah, publicat in Proceedings of the International Conference on Internet of things and Cloud Computing, 2016. 4/4=1</p> <p>19.Articolul: "Acquisition and management of biomedical data using Internet of Things concepts", autori Dorin-Andrei Antonovici; Iuliana Chiuchisan; Oana Geman; Andrei Tomegea, a fost citat in articolul "A conceptual</p>
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					framework for trajectory-based medical analytics with IoT contexts", autori Hyun Jung La, publicat in revista Journal of Computer and System Sciences, 2015. 4/4=1	
		Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat	Punctaj unic pentru fiecare activitate	A3.2.1 internaționale	10	-
				A3.2.2 naționale	5	-
		Membru în colectivele de redactare sau comitete științifice al revistelor, organizator de manifestări științifice indexate ISI	Punctaj unic pentru fiecare activitate	A3.3.1 ISI	10	IWCIM 2015, International Workshop on Computational Intelligence for Multimedia Understanding devoted to advanced methods of biological data and signal processing organized 29-30 October 2015 in Prague, Czech Republic
						SOFA 2016, conferinta internationala 7th International Workshop on Soft Computing Applications (SOFA 2016), Arad, 24-26 august 2016.
						EUSIPCO 2016, conferinta internationala European Signal Processing, Budapesta, 29 august – 2 septembrie 2016
						PUNCTAJ 30 puncte
				A3.3.2 BDI	6	-
				A3.3.3 neindexate	3	Membru în colectivul de organizare al Simpozionului cu participare Internațională SIA '2003.

						<p>Membru în colectivul de organizare al Conferinței Internaționale ECIT2002 European Conference on Intelligent Systems and Technologies.</p> <p>Membru în colectivul de organizare al Conferinței Internaționale ROSYCS 2002.</p> <p>Membru în colectivul de organizare al Conferinței Internaționale ECIT2004 European Conference on Intelligent Systems and Technologies.</p> <p>Membru în colectivul de organizare al Sesiunii de comunicări științifice ale studenților FIESC, ediția a VII-a, ELSTUD 2013.</p> <p>Membru în colectivul de organizare al StudAce – Workshop studentesc, ediția a VIII-a, FIESC 2013</p> <p>Membru in colectiv de organizare al Conferintei stiintifice internationale studentesti Stiinta si arta miscarii, 13 mai 2016, Suceava</p> <p>Membru in colectiv de organizare al Conferintei stiintifice internationale</p>
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					studentesti Stiinta si arta miscarii, 13 mai 2017, Suceava PUNCTAJ: 3*8=24
	Premii în domeniu		A3.4.1 Academia Română, ASTR, academii de ramură, premii internaționale	15	-
			A3.4.2 premii naționale în domeniu	5	Premiul național „Profesor BOLOGNA”, conferit de Alianța Națională a Organizațiilor Studențești din Romania-ANOSR, Gala Premiilor Bologna, Cluj Napoca 2011 5 Diploma de Excelență la Simpozionul cu participare Internațională SIA'2003, pentru contribuție la organizarea simpozionului și lucrare într-un domeniu de varf. 5 DOCUMENTE STANDARDE MINIMALE/diplome studenti.pdf PUNCTAJ 10

Data:
15 iunie 2017

Semnatura,
Oana GEMAN