

6.0.8

Anexa nr. 1

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" BUCUREȘTI  
FACULTATEA DE ELECTRONICĂ, TELECOMUNICAȚII  
ȘI TEHNOLOGIA INFORMAȚIEI  
NR. 1648 / 23.10 / 2017

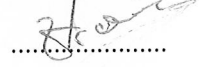
**Domnule/ Doamnă Decan/ Director de Departament**

Subsemnatul/a ZBANCIOC MARIUS-DAN, cadru didactic al Universității Tehnice „Gheorghe Asachi” din Iași cu funcția actuală de conferențiar, în cadrul Facultății de Electronică, Telecomunicații și Tehnologia Informației, solicit, prin prezenta, înscrierea la concursul pentru acordarea gradului de merit pentru perioada 01.10.2017 - 01.10.2022.

Data,

18 oct.2017

Semnătura,



**RAPORT DE AUTOEVALUARE A ACTIVITĂȚII PENTRU ANII 2013 – 2017.**

Numele și prenumele: Zbancioc Marius-Dan

Funcția didactică: conferențiar

Facultatea/ Departamentul: ETTI - Electronică Telecomunicații și Tehnologia Informației /  
EASI - Electronică Aplicată și Sisteme Inteligente

Criteriul 1. Activitatea didactică **80.4 puncte**

Criteriul 2. Activitatea de cercetare științifică **683.34 puncte**

090,34

Criteriul 3. Recunoașterea națională și internațională **157 puncte**

Criteriul 4. Activitatea cu studenții **310 puncte**

Criteriul 5. Activitatea în comunitatea academică **110 puncte**

Menționez că îndeplinesc criteriile naționale (atât ca număr de puncte – factor ISI cumulate 7,219 și 3 publicații de nivel 1 în Julkaisufoorumi)

Semnătura .....  


Data: 23 oct 2017

**Nume și prenume: ZBANCIOC MARIUS-DAN**  
**ANEXA JUSTIFICATIVĂ AUTOEVALUARE ACTIVITĂȚE 2016**

Criteriu de evaluare	Indicatori de performanță	Detalii	Nr. pct.
1. Elaborarea de materiale didactice	1. Predarea unor discipline / cursuri noi în planul de învățământ, pe direcții neelaborate anterior (perioada evaluare 5 ani)	Procesarea semnalului vocal și a imaginilor biomedicale, Zbancioc Marius-Dan, Editura Pim 2015, ISBN 978-606-13-2786-7, pp. 224 (Ed. CNCS 30 x (np / 100) / na)	67.2
	2. Elaborare manuale universitare (inclusiv în sistem e-learning) (perioada evaluare 5 ani)	Proiectul DidataTec - POSDRU/87/1.3/S/60891 - Suport 14 Cursuri + 14 Laboratoare (valabil 5 ani 2012-2013, 2013-2014, 2014-2015, 2015-2016) Curs: 248 pagini (18+13+7+16+17+13+18+13+19+19+16+16+36+27) Laborator: 192 pagini (9+6+7+6+28+10+6+15+18+17+12+16+19+23)	7.44 +5.76 =13.2 puncte
	3. Elaborare suporturi de cursuri, seminarii, laboratoare, proiecte (perioada evaluare 5 ani)	Tipăritie/ formă electronică)	
	5. Modernizare tehnologie didactică din alte surse decât cele publice (donatii, sponsorizări etc.)		
	c. Elaborare lucrări noi de laborator/ etape proiect/ lucrări seminar (inclusiv aplicații e-learning) - (perioada evaluare 3 ani)		
Total punctaj 1			80.4 puncte 44.8
	1. Elaborare cărți/ monografii/ tratate	2.1.1 Zbancioc Marius-Dan, Procesarea semnalului vocal și a imaginilor biomedicale, Editura Pim 2015, ISBN 978-606-13-2786-7, pp. 224 (CNCS 20 x (np / 100) / na)	30/2 =15 puncte
	2. Articole publicate în reviste de specialitate a. reviste cotate ISI (perioada evaluare 5 ani) b. b. reviste incluse în BDI	Mariana Rusu, Marius Zbancioc, „Fuzzy Rule-based System for Pattern Recognition and Automated Classification”, Computer Science Journal of Moldova, Vol. 24, No.3, 19 p, 2016 (ISI Web of Science)  M. Zbancioc, M. Feraru, „The Analysis of the FCM and WKNV Algorithms Performance for the Emotional Corpus SROL”, Vol. 12, Issue 3, 2012, pp. 33 - 38, ISSN: 1582-7445, e-ISSN: 1844-7600, Digital Object Identifier: 10.4316/AECE.2012.03005, <a href="http://www.aece.ro/abstractplus.php?year=2012&amp;number=3&amp;article=5">http://www.aece.ro/abstractplus.php?year=2012&amp;number=3&amp;article=5</a> (ISI impact factor=0.595)	53.8/2 = 26.9 puncte
	4. Lucrări publicate în volumele conferințelor a. volume indexate ISI - 50/na b. volume indexate în BDI - 30/na (perioada evaluare 2 ani) c. volume reindexate în BDI - 20/na	[a1] Monica Feraru, Monica Fira □ Marius Zbancioc, „A new emotional corpus for the Romanian Language”, International Conference on Development and Application Systems (DAS 2016), 19-21 mai 2016, Suceava, Romania, Publisher IEEE, 345 E 47TH ST, New York, NY 10017 USA, pp 260-263, ISBN: 978-1-5090-1993-9 [a2] M.D. Zbancioc, S.M. Feraru, „A Study about the Automatic Recognition of the Anxiety Emotional Stateusing Emo-DB”, 5-th edition of the International Conference on e-Health and Bioengineering, (EHB 2015), Iași, România, ISBN: 978-1-4673-7545-0/15 (Indexare BDI IEEEExplore, conf. ISI) [a3] S.M. Feraru, M.D. Zbancioc, R.M. Barbu, C.M. Gavrilescu, “Using the Decision Tree for Emphasizing the Benefits of Associating Antioxidants in the Therapy of the Metabolic Syndrome”, 5-th edition of the International Conference on e-Health and	50/4+12x50/2+50/7+ 30/3+ 2x30/2+ 3x20/2 = 389,64 puncte

- Bioengineering, (EHB 2015), Iași, România, ISBN: 978-1-4673-7545-0/15 (Indexare BDIIEEEExplore, conf. ISI)
- [a4] M. Rusu, M.Zbancioc, „Automated identification of objects based on Normalized Cross-Correlation and Genetic Algorithm”, 5-th edition of the International Conference on e-Health and Bioengineering, (EHB 2015), Iași, România, ISBN: 978-1-4673-7545-0/15 (Indexare BDIIEEEExplore, conf. ISI)
- [a5] M.S. Ferraru, M.D. Zbancioc, *Comparative analysis between SROL - Romanian database and Emo - German database*, Proc of IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2015), 9-10 July, Iași, România, ISBN 978-1-4673-7487-3, (INSPEC Accession Number: 15367265, DOI: 10.1109/ISSCS.2015.7204015), 2015 (conf. ISI)
- [a6] M. Luca (Costin), R. Luca, S.Bejinariu, A.Ciobanu, O.Paduraru, M.Zbancioc and T. Barbu, „An Overview of Several Researches on Fuzzy Logic in Intelligent Systems”, Proc of IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2015), 9-10 July, Iași, România, ISBN 978-1-4673-7487-3, (INSPEC Accession Number:15367269 ), 2015 (conf. ISI)
- [a7] M. Zbancioc, M. Ferraru, “Using the Lyapunov Exponent from Cepstral Coefficients for Automatic Emotion Recognition”, Proc of 8th IEEE International Conference and Exposition on Electrical and Power Engineering – EPE 2014, 16-17 Oct., Iași, România, pp. 110-113, ISSN: 978-1-4799-5848-1.
- [a8] M. Zbancioc, M. Ferraru, “Integrated System for Prosodic Features Detection from Speech”, Proc of 8th IEEE International Conference and Exposition on Electrical and Power Engineering – EPE 2014, 16-17 Oct., Iași, România, pp. 114-117, ISSN: 978-1-4799-5848-1.
- [a9] M. Ferraru, M. Zbancioc, “Emotion Recognition using Lyapunov Exponent of the Mel-Frequency Energy Bands”, Proc. of International Conference on Electronics, Computers and Artificial Intelligence (ECAI 2014), 23-25 oct., București, România, vol. 6-no.1/2014, ISSN-1843-2115, IEEE Catalog CFP1427U-ART, ISBN 978-1-4799-5479-7, (INSPEC Accession Number:15076415, DOI: 10.1109/ECAI.2014.7090140), 2014.
- [a10] M. Zbancioc, M. Ferraru, “The automatic segmentation of the vocal signal using predictive neural network”, International Symposium on Signals, Circuits and Systems (ISSCS 2013), July 11-12, 2013, Iași, Romania, ISBN: 978-1-4799-3193-4, Digital Object Identifier : 10.1109/ISSCS.2013.6651255, INSPEC Accession Number: 13879738
- [a11] M. Zbancioc, M. Ferraru, “A Study about MFCC Relevance in Emotion Classification for SROL Database”, Proceedings of 4th International Symposium on Electrical and Electronics Engineering, ISEEE 2013, October, 11-13, 2013, Galați, România, ISBN 978-1-4799-2441-7, IEEE Catalog Number CFP1393K-USB.
- [a12] M. Ferraru, M. Zbancioc, “Emotion Recognition in Romanian Language using LPC Features”, The 4th IEEE International Conference on E-Health and Bioengineering - EHB 2013, November 21-23, 2013, Iași, Romania, ISBN: 978-1-4799-2373-1/13/\$31.00 ©2013 IEEE
- [a13] M. Ferraru, M. Zbancioc, “Speech Emotion Recognition for SROL Database using Weighted KNN algorithm”, International Conference on Electronics, Computers and Artificial Intelligence (ECAI2013), June 27-29, 2013, Pitești, Romania, ISBN: 978-1-4673-4935-2,

<p>3. Recunoaștere a națională și internațională</p>	<p>9. Citări în reviste cotate ISI sau indexate în baze de date internaționale (BDI), în volume ale conferințelor indexate ISI sau BDI (se exclud autocitările)</p>	<p>Digital Object Identifier: 10.1109/ECAL.2013.6636189 ©2013 IEEE</p> <p>[a14] M. Zbancioc, M. Feraru, "Emotion Recognition of the SROL Romanian Database using Fuzzy KNN Algorithm", International Symposium on Electronics and Telecommunications IEEE - ISETC 2012 Tenth Edition, Timisoara, November 15-16, 2012 ISBN: 978-1-4673-1177-9, pp. 347 – 350, <a href="http://ieeexplore.ieee.org/xpl/login.jsp?tp=&amp;arnumber=6408133">http://ieeexplore.ieee.org/xpl/login.jsp?tp=&amp;arnumber=6408133</a></p> <p>[b1] Zbancioc Marius Dan, Feraru Silvia Monica, "Recognition of Positive and Negative Emotions for Romanian Language", The 6th IEEE International Conference on E-Health and Bioengineering - EHB 2017, June 22-24, Sinaia, Romania</p> <p>[b2] Feraru Silvia Monica, Zbancioc Marius Dan, "Emotion recognition for disgust and boredom states", 13-th International Symposium on Signals, Circuits and Systems. ISSCS 2017, July 13-14, Iasi, Romania</p> <p>[b3] M. Zbancioc, M. Feraru, "Optimized Segmentation Method of the Vocal Signal with Predictive Neural Network", Proc. of International Conference on Electronics, Computers and Artificial Intelligence (ECAL 2014), 23-25 oct., București, România, vol. 6-no.1/2014, pp. 23-26, ISSN-1843-2115, IEEE Catalog CFP1427U-ART, ISBN 978-1-4799-5479-7 (INSPEC Accession Number: 15076441, DOI: 10.1109/ECAL.2014.7090141), 2014</p> <p>[c1] Mariana Rusu, Marius-Dan Zbancioc, "A Rule-based Decision System for Automatic Sorting of Recyclable / Non-recyclable Waste", IIVA 2016 - Information in Image and Video Analysis. Theory and Applications - Anniversary Workshop Dedicated to the 150th anniversary of the Romanian Academy and 25th anniversary of the Information Science and Technology Section, 24 Mar, 2016</p> <p>[c2] Mutia Shami, Marius-Dan Zbancioc, "Detecting 3D Depth for Image Objects using Information from Horizon Line", IIVA 2016 - Information in Image and Video Analysis. Theory and Applications - Anniversary Workshop Dedicated to the 150th anniversary of the Romanian Academy and 25th anniversary of the Information Science and Technology Section, 24 Mar, 2016</p> <p>[c3] M. Feraru, M. Zbancioc, "Corpus emoțional de limbă română vorbită", RonLP 2016 - Written And Spoken Romanian Language in the Context of New Information Technologies. Achievements And Prospects - Anniversary Workshop Dedicated to the 150th anniversary of the Romanian Academy and 25th anniversary of the Information Science and Technology Section, 24 Mar, 2016</p>	<p>81 citari (18 citari rev ISI, 14x rev BDI, 29 x conf ISI, 17 x conf BDI)</p> <p>18x5 + 14x3 + 29x2 + 17x1 = 207 puncte</p> <p>128 puncte</p> <p>683.34 puncte</p> <p>10x4 = 40 puncte</p>
<p>Total punctaj 2</p>			<p>683.34 puncte</p>
<p>3. Recunoaștere a națională și internațională</p>	<p>7. Membru în comitete științifice naționale/ internaționale/ de program (la congrese, conferințe etc.)</p>	<p>Membru în comitetul de program al conferinței ConsILR2016 - 12th International Conference "Linguistic Resources and Tools for Processing the Romanian Language"</p> <p>Membru în comitetul de program al conferinței IIVA - 2016</p>	<p>10x4 = 40 puncte</p>



		<p>Membru in comitetul de program al conferintei ConsILR2015 - 11th International Conference "Linguistic Resources and Tools for Processing the Romanian Language" 26-27 November 2015</p> <p>Membru in comitetul de program al conferintei ConsILR2013</p>	
	<p>12. Referent științific/ expert național și internațional</p>	<p>Referent științific ICEEE 2017 – 1 lucrare (conf. ISI)</p> <p>Referent științific SpED 2016 – 2 lucrari (conf. ISI)</p> <p>Referent științific ICSTCC 2016 – 3 lucrari (conf. ISI)</p> <p>Referent științific ConsILR2016 – 2 lucrari</p> <p>Referent științific ISSCS 2015 – 2 lucrari (conf. ISI)</p> <p>Referent științific ConsILR2015 – 1 lucrare</p> <p>Referent științific Speed 2013 – 3 lucrari (conf. ISI)</p> <p>Referent științific ISSCS 2013 – 1 lucrare (conf. ISI)</p> <p>Referent științific ConsILR 2013 – 1 lucrare</p>	<p>12x5+4x3 = 72 puncte</p>
	<p>14. Membru în jurii, comisii, concursuri profesionale</p>	<p>Membru concurs microcontrolere Mihail Konteshweller 2017</p> <p>Membru concurs microcontrolere Mihail Konteshweller 2016</p> <p>Membru concurs microcontrolere Mihail Konteshweller 2015</p> <p>Membru concurs microcontrolere Mihail Konteshweller 2014</p> <p>Membru concurs microcontrolere Mihail Konteshweller 2013</p> <p>Membru jurii concurs internațional microcontrolere Sergiu Radautanu 2013-2016 (5x4)</p>	<p>5 puncte</p> <p>5 puncte</p> <p>5 puncte</p> <p>5 puncte</p> <p>5 puncte</p> <p>5x4 = 20 puncte</p> <p><b>157 puncte</b></p>
<p>Total punctaj 3</p>	<p>1. Cercuri științifice și concursuri profesionale</p> <p>a. Conducerea unor cercuri științifice studentesti</p>	<p>“Embedded C Presentations and Project Development” organizat împreună cu firma Continental pe un grup de 22 studenți în luna febr. 2016 (5 ședințe)</p> <p>- Concurs Sergiu Radautau Chisinau 2017 - Premiul II și doua mențiuni) 9+2x7 puncte</p> <p>1. Premiu II și Premiul Special (Mihalache B., Dediu L.)</p> <p>2. Mamaischi S., (Premiul special)</p> <p>3. Popa Nicolae Danut, Danu Diana, (Premiul Special)</p> <p>- Concurs Konteshweller 2017 Premiul I: Mamaischi Stanislav “Recunoasterea comenzilor vocale folosind DSPic” – 10 puncte</p> <p>- Concurs Konteshweller 2017 Premiul II: Mihalache B., Dediu L. - 9 puncte</p> <p>- Concurs ElectroMobility 2017 – Loc IV - 7 puncte</p> <p>- Concurs Robochallenge 2016-2017 (premiul II Freestyle) – internațional 18 puncte</p> <p>- Concurs Konteshweller 2016 - Premiul special Continental și Silicon Service (Craescu Stefan, Irim Ana-Maria Ermina) 7 puncte</p> <p>- Concurs ElectroMobility 2015-2016 Continental (Ghelu S., Mihalache B., Huluta S.O)</p> <p>- Concurs Konteshweller 2015 - Premiul special Continental (Ursache D.A., Freniescu M. - UAIC, Dragan C.) 7pcte</p> <p>- Concurs ElectroMobility 2014 Continental - Loc IV Mențiune (Ursache D.A.) 7 puncte</p> <p>- Concurs Konteshweller 2014 - Premiul special CONTINENTAL (Ursache D.A.) 7 puncte</p> <p>- Concurs Sergiu Radautau – pregătire echipe 2013-2016 – internațional 4x10 = 40 puncte</p>	<p>3x5 lucr. = 15 puncte</p>
<p>4. Activitatea cu studentii</p>	<p>2. Pregătire pentru concursuri profesionale (pentru fazele naționala și internaționala)</p>	<p>Licență 2017 (Frâncu I., Mihalache B.S., Păiu D.M., Pușcașu A.V., Verdeș R., Motruc V., Ursache D.A.)</p> <p>Disertație 2017 (Rotaru B., Mamaischi S., Stoica S., Dediu L.)</p> <p>Licență 2016 (Valeanu I., Băleanu L., Mitrică E.V., Bacalu D.A., Severin, I.C.)</p>	<p>3x20st licența+ 5x17st.master = 145 puncte</p>
<p>3. Numarul de lucrari de absolvire<sup>2</sup>, licența (diploma), disertație, doctorat conduse</p>			

		<p>Disertație 2016 (Șarbănescu R.C., Șamni M.)  Licență 2015 (Lupoae E., Zaharia M., Guguțman M.)  Disertație 2015 (Stan R., Bracon A., Chelcu E.A., Timofte C.)  Disertație 2014 (Costin V., Dascălu B., Buta V., Patrașcu C.)  Licența 2014 (Iancocoglo I., Baciu M., Razlog B.N., Ungureanu L., Hugiuanu P.)  Disertație 2013 (Pintilie D., Aldini B., Țibireac O.)</p>	
	5. Prezentarea ofertei educaționale a universității în licee	- participare la 3 acțiuni de promovare facultate (3 ani x5pct)	15 pcte
<b>Total punctaj 4</b>			<b>310 puncte</b>
<b>5. Activitatea în comunitatea academică</b>	1. Participarea la sesiuni științifice, simpozioane, mese rotunde organizate în universitate		
	2. Activitatea în comisii la nivel de:	<p>- În perioada 2013-2017:  comisie susținere lucrări de disertație – master SEMIII 3 pct x5 (sesiune iulie)  comisie susținere lucrări de disertație – master SEMIII 3 pct x5 (sesiune februarie)  comisie admitere (la înscriere) 5pct x5  comisie organizare concurs Konteshweller 5 pct x5  - Participare la acreditare 2014 și 2015 – elaborare anexe (2x5pct)  - comisie evaluare cadre didactice de către studenți (centralizare date EASD) 5 pcte</p>	<p>3x5+3x5+5x5+5x5+10 +5 =  95 pcte</p>
	3. Coordonator de program de studii	Master SEMIII (5pct x an)	15
<b>Total punctaj 5</b>			<b>110 puncte</b>

1 Lucrări similare în conținut se punctează o singură dată.

2 Pentru departamentul DPPD se calculează cu formula 0.3 x ns (9).

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI  
 FACULTATEA DE ELECTRONICĂ TELECOMUNICAȚII ȘI TEHNOLOGIA INFORMAȚIEI  
 DEPARTAMENTUL DE ELECTRONICĂ APLICATĂ ȘI SISTEME INTELIGENTE  
 Concurs pentru ocuparea postului de conferențiar poz. 13  
 Procesarea și recunoașterea semnalelor complexe  
 Disciplinele postului: Arhitecturi hard și soft, comunicații și tehnici de comandă cu microcontrolere

**FIȘA DE VERIFICARE**  
**a îndeplinirii standardelor minimale naționale de prezentare la concurs pentru postul de conferențiar universitar**

publicat în Monitorul Oficial al României nr. 1304 din data de 25.11.2015

Candidat: ZBANCIOC, N. Marius - Dan / Data nașterii: 15 august 1975

Funcția actuală: șef de lucrări, Data numirii în funcția actuală: 1 oct 2012 Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași

Condiția	Minim	Realizat			Condiția este îndeplinită (Da / Nu)
		A1.1	A1.2	Total	
A1. Activitatea didactică/ profesională	50	100	10	110	DA
A2. Activitatea de cercetare	300			460.73	DA
A3. Recunoașterea impactului activității	50			245	DA
<b>TOTAL (A)</b>	400			795.73	DA

Condiții minime obligatorii pe subcategorii (număr)	Minim	Realizat	Condiția este îndeplinită (Da / Nu)
A1.1.1 – A1.1.2 Cărți și capitole în cărți de specialitate	1	4	DA
A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	6	17	DA
A2.4.1 Granturi/proiecte câștigate prin competiție (Director/responsabil)	1	1	DA
A3.1.1 – A3.1.2 Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI sau BDI	10	81	DA
Factor de impact cumulat Factor de impact cumulate pentru publicații	4	7.97	DA

**3 articole in conferințe/jurnale de nivel 1 conform clasificarii <http://www.julkaisuforum.fi/en/publication-forum> (Advances in Electrical and Computer Engineering, Int. J. of Computers, Communications & Control – IJCCC, Studies in Informatics and Control)**



**UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI**  
**FACULTATEA DE ELECTRONICĂ TELECOMUNICAȚII ȘI TEHNOLOGIA INFORMAȚIEI**  
**DEPARTAMENTUL DE ELECTRONICĂ APLICATĂ ȘI SISTEME INTELIGENTE**

Concurs pentru ocuparea postului de **conferențiar** poz. **13**

Disciplinele postului: Procesarea și recunoașterea semnalelor complexe  
 Arhitecturi hard și soft, comunicații și tehnici de comandă cu microcontrolere

**FIȘA DE VERIFICARE**  
**a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de**  
**conferențiar universitar**

publicat în Monitorul Oficial al României nr. 1304 din data de 25.11.2015

Candidat: **ZBANCIOC, N. Marius - Dan** / Data nașterii: 15 august 1975

Funcția actuală: șef de lucrări, Data numirii în funcția actuală: 1 oct 2012 Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași

Condiția	Minim	Realizat			Condiția este îndeplinită (Da / Nu)
		A1.1	A1.2	Total	
A1. Activitatea didactică/ profesională	50	100	10	110	DA
A2. Activitatea de cercetare	300	460.73			DA
A3. Recunoașterea impactului activității	50	245			DA
<b>TOTAL (A)</b>	400	795.73			DA

Condiții minime obligatorii pe subcategorii (număr)	Minim	Realizat	Condiția este îndeplinită (Da / Nu)
A1.1.1 – A1.1.2 Cărți și capitole în cărți de specialitate	1	4	DA
A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	6	17	DA
A2.4.1 Granturi/proiecte câștigate prin competiție (Director/responsabil)	1	1	DA
A3.1.1 – A3.1.2 Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI sau BDI	10	81	DA
<b>Factor de impact cumulat</b> Factor de impact cumulate pentru publicații	4	7.97	DA

**3 articole in conferințe/jurnale de nivel 1 conform clasificarii <http://www.julkaisuforum.fi/en/publication-forum>** (Advances in Electrical and Computer Engineering, Int. J. of Computers, Communications & Control – IJCCC, Studies in Informatics and Control)

## A1. ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ

### A1.1. Cărți și capitole în cărți de specialitate în edituri recunoscute

Nr.crt.	Titlul lucrării	Punctaj
<b>A1.1.1 Edituri internaționale</b>		
1.		
2.		
<b>A1.1.2 Edituri naționale</b>		
1.	Programarea în CLIPS prin exemple: D. Galea, M. Costin, M. Zbancioc, Tehnopress Publishing House, 2001, ISBN 973-8048-45-1, pg.146	20
2.	Aplicații de Inteligență Artificială în CLIPS: D. Galea, M. Costin, M. Zbancioc, Tehnopress Publishing House, 2001, ISBN 973-8048-51-6. pg. 152	20
3.	Sisteme bazate pe cunoștințe. Aplicații: Horia-Nicolai Teodorescu, Marius Zbancioc, Oana Voroneanu. Editura Performantica, 2004, Iasi, ISBN-973-730-014-9, pg. 293	20
4.	Procesarea semnalului vocal și a imaginilor biomedicale, Zbancioc Marius-Dan, Editura Pim 2015, ISBN 978-606-13-2786-7, pp. 224	20
5.	Zbancioc Marius, Teodorescu Horia-Nicolai și Feraru Monica. "Tehnici de identificare a zonelor vocalice în secvențe rostite în limba română", In: A.Iftene, H.N. Teodorescu, D. Cristea. D. Tufiş (Editors) „Resurse Lingvistice și Instrumente pentru Prelucrarea Limbii Române”, ISSN 1843-911X, pp. 13-24, Ed. University “Alexandru Ioan Cuza” Iași	20
<b>TOTAL A1.1</b>		<b>100</b>

### A1.2. Material didactic / Lucrări didactice

Nr.crt.	Titlul lucrării	Punctaj
1.	Suport electronic PRSC – Procesarea și Recunoașterea semnalelor complexe (14 cursuri și 14 laboratoare postate pe pagina <a href="http://www.didatec.ro">www.didatec.ro</a> ) În cadrul proiectului <b>DidaTec</b> – “Școală universitară de formare inițială și continuă a personalului didactic și a trainerilor din domeniul specializărilor tehnice și inginerești”, cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, POSDRU/87/1.3/S/60891	10
2.		
<b>TOTAL A1.2</b>		<b>10</b>

## A2. ACTIVITATEA DE CERCETARE

**A2.1 Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI Proceedings [(25+20 \* factor impact) /nr. de autori]  
[pentru volumele manifestărilor ISI se consideră factorul de impact echivalent 0.25]**

Nr. crt.	Titlul articolului	Factor de impact	Nr. autori	Punctaj
1	Mariana Rusu, Marius Zbancioc, „Fuzzy Rule-based System for Pattern Recognition and Automated Classification”, Computer Science Journal of Moldova, Vol. 25, Issue:1, pp. 88-107, 2017	0.25	2	12.5
2	M. Feraru, M.D. Zbancioc, M. Fira, „A new emotional corpus for the Romanian Language”, International Conference on Development and Application Systems (DAS 2016), 19-21 mai 2016, Suceava, Romania, Publisher IEEE, 345 E 47TH ST, New York, NY 10017 USA, pp 260-263, ISBN: 978-1-5090-1993-9	0.25	3	8.33
3	M.D. Zbancioc, S.M. Feraru, „A Study about the Automatic Recognition of the Anxiety Emotional State using Emo-DB”, 5-th edition of the International Conference	0.25	2	12.5

	on e-Health and Bioengineering, (EHB <b>2015</b> ), Iași, România, ISBN: 978-1-4673-7545-0/15 (Indexare BDI IEEEExplore)			
4	S.M. Feraru, M.D. Zbancioc, R.M. Barbu, C.M. Gavrilesu, "Using the Decision Tree for Emphasizing the Benefits of Associating Antioxidants in the Therapy of the Metabolic Syndrome", 5-th edition of the International Conference on e-Health and Bioengineering, (EHB <b>2015</b> ), Iași, România, ISBN: 978-1-4673-7545-0/15 (Indexare BDI IEEEExplore)	0.25	4	6.25
5	M. Rusu, M.Zbancioc, „Automated identification of objects based on Normalized Cross-Correlation and Genetic Algorithm”, 5-th edition of the International Conference on e-Health and Bioengineering, (EHB <b>2015</b> ), Iași, România, ISBN: 978-1-4673-7545-0/15 (Indexare BDI IEEEExplore)	0.25	2	12.5
6	M.S. Feraru, M.D. Zbancioc, <i>Comparative analysis between SROL - Romanian database and Emo - German database</i> , Proc of IEEE International Symposium on Signals, Circuits and Systems (ISSCS <b>2015</b> ), 9-10 July, Iași, România, ISBN 978-1-4673-7487-3, (INSPEC Accession Number: 15367265, DOI: 10.1109/ISSCS.2015.7204015), 2015	0.25	2	12.5
7	M. Luca (Costin), R. Luca, S.Bejinariu, A.Ciobanu, O.Paduraru, M.Zbancioc and T. Barbu, „An Overview of Several Researches on Fuzzy Logic in Intelligent Systems”, Proc of IEEE International Symposium on Signals, Circuits and Systems (ISSCS <b>2015</b> ), 9-10 July, Iași, România, ISBN 978-1-4673-7487-3, (INSPEC Accession Number:15367269 ), 2015	0.25	7	3.57
8	M. Feraru, M. Zbancioc, “Emotion Recognition using Lyapunov Exponent of the Mel-Frequency Energy Bands”, Proc. of International Conference on Electronics, Computers and Artificial Intelligence (ECAI <b>2014</b> ), 23-25 oct., București, România, vol. 6-no.1/2014, ISSN-1843-2115, IEEE Catalog CFP1427U-ART, ISBN 978-1-4799-5479-7, (INSPEC Accession Number:15076415, DOI: 10.1109/ECAI.2014.7090140), 2014	0.25	2	12.5
9	M. Zbancioc, M. Feraru, “Using the Lyapunov Exponent from Cepstral Coefficients for Automatic Emotion Recognition”, Proc of 8th IEEE International Conference on Electrical and Power Engineering – EPE <b>2014</b> , 16-17 Oct., Iași, România, ISSN: 978-1-4799-5848-1.	0.25	2	12.5
10	M. Zbancioc, M. Feraru, “Integrated System for Prosodic Features Detection from Speech”, Proc of 8th IEEE International Conference on Electrical and Power Engineering – EPE <b>2014</b> , 16-17 Oct., Iași, România, ISSN: 978-1-4799-5848-1.	0.25	2	12.5
11	M. Feraru, M. Zbancioc, „Speech Emotion Recognition for SROL Database using Weighted KNN algorithm”, International Conference on Electronics, Computers and Artificial Intelligence (ECAI2013), June 27-29, 2013, Pitesti, Romania, ISBN: 978-1-4673-4935-2, Digital Object Identifier: 10.1109/ECAI.2013.6636189 ©2013 IEEE	0.25	2	12.5
12	M. Zbancioc,, M. Feraru, “The automatic segmentation of the vocal signal using predictive neural network”, International Symposium on Signals, Circuits and Systems (ISSCS <b>2013</b> ), July 11-12, 2013, Iasi, Romania, ISBN: 978-1-4799-3193-4, Digital Object Identifier : 10.1109/ISSCS.2013.6651255, INSPEC Accession Number: 13879738	0.25	2	12.5
13	M. Feraru, M. Zbancioc, “Emotion Recognition in Romanian Language using LPC Features”, The 4th IEEE International Conference on E-Health and Bioengineering - EHB <b>2013</b> , November 21-23, 2013, Iași, Romania, ISBN: 978-1-4799-2373-1/13/\$31.00 ©2013 IEEE	0.25	2	12.5
14	M. Zbancioc, M. Feraru, “A Study about MFCC Relevance in Emotion Classification for SROL Database”, Proceedings of 4th International Symposium on Electrical and Electronics Engineering, ISEEE <b>2013</b> , October, 11-13, 2013, Galați, România, ISBN 978-1-4799-2441-7, IEEE Catalog Number CFP1393K-USB.	0.25	2	12.5
15	M. Zbancioc,, M. Feraru, “Emotion Recognition of the SROL Romanian Database using Fuzzy KNN Algorithm”, International Symposium on Electronics and Telecommunications IEEE - ISETC <b>2012</b> Tenth Edition, Timisoara, November 15-16, 2012 ISBN: 978-1-4673-1177-9, pp. 347 – 350, <a href="http://ieeexplore.ieee.org/xpl/login.jsp?tp=&amp;number=6408133">http://ieeexplore.ieee.org/xpl/login.jsp?tp=&amp;number=6408133</a>	0.25	2	12.5
16	M. Zbancioc, M. Feraru, „The Analysis of the FCM and WKNN Algorithms Performance for the Emotional Corpus SROL”, Advances in Electrical and Computer Engineering, Vol. 12, Issue 3, 2012, pp. 33 – 38, ISSN: 1582-7445, e-ISSN: 1844-7600, Digital Object Identifier: 10.4316/AECE.2012.03005, <a href="http://www.aece.ro/abstractplus.php?year=2012&amp;number=3&amp;article=5">http://www.aece.ro/abstractplus.php?year=2012&amp;number=3&amp;article=5</a> (ISI impact factor=0.555, respectiv 0.595 in ultimul an)	0.595	2	18

17	H.N. Teodorescu, M. Zbancioc, M. Feraru, “ <i>The analysis of the vowel triangle variation for Romanian language depending on emotional states</i> ”, <b>ISSCS 2011</b> Conference (IEEE Conference), Iasi, Romania 30June-1Jul.2011, ISBN 978-1-61284-944-7, pp. 1-4, <a href="http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5978727">http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5978727</a>	0.25	3	8.33
18	H.N. Teodorescu, M. Zbancioc, M. Feraru, “ <i>Statistical characteristics of the formants of the Romanian vowels in emotional states</i> ”, International Conference on Speech Technology and Human-Computer Dialogue <b>SPeD 2011</b> , 18-21 may 2011 Brasov, Romania, ISBN 978-1-4577-0439-0, pp. 1-10, IEEE publication, <a href="http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5940725">http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5940725</a>	0.25	3	8.33
19	S.M. Feraru; H.N. Teodorescu; M.D. Zbancioc, “ <i>SRoL -Web-based Resources for Languages and Language Technology e-Learning</i> ”, Int. J. of Computers, Communications & Control - IJCCC, ISSN 1841-9836, E-ISSN 1841-9844, Vol. V (2010), No. 3, pp. 301-313 <a href="http://www.icvl.eu/2009/disc/icvl/documente/pdf/met/ICVL_ModelsAndMethodologies_paper12.pdf">http://www.icvl.eu/2009/disc/icvl/documente/pdf/met/ICVL_ModelsAndMethodologies_paper12.pdf</a> <b>(ISI impact factor= 0.650, respectiv 1.374 in ultimul an)</b>	1.374	3	12.67
20	Horia-Nicolai Teodorescu, Monica Feraru, Marius Zbancioc, “ <i>Assesing the Quality of Voice Synthesizers</i> ”, Proceedings if the 5th International Conference on “Speech Technology and Human Dialogue –SpeD 2009 “, pg.77-86, Constanta, Romania, June 18-21, 2009, published in: Burileanu C., Teodorescu H.N. (Eds.) “ <i>Advances in Spoken Language Technology</i> ”, The Publishing House of the Romanian Academy, Bucharest, România, 2009, ISBN 978-973-27-1808-7, pp. 53-66 (în volum la Editura Academiei și simultan volum IEEE Proceedings, <a href="http://ieeexplore.ieee.org/xpl/RecentCon.jsp?punumber=5129254">http://ieeexplore.ieee.org/xpl/RecentCon.jsp?punumber=5129254</a> )	0.25	3	8.33
21	Horia-Nicolai Teodorescu, Marius Zbancioc, Laura Pistol, “ <i>Parallelizing Neuro-fuzzy Economic Models in a GRID environment</i> ”, Studies in Informatics and Control, March 2008, Volume 17, Number 1, ISSN 1220-1776, Edited by National Institute for R&D in informatics ICI Bucharest, pg. 5-16 <b>(revista ISI)</b>	0.25	3	8.33
22	C. Stăfănescu, V. Rusu, M. Costin, M. Zbancioc, “ <i>An image pre-processing automatic system for bone scan metastasis evaluation</i> ”, Revista Medico-Chirurgicala A „Societatii de Medici și Naturalisti” din Iasi, (RMC-SMN) , Vol. 110 / 2006, Nr. 1, pag. 178-186, (indexed on Internet, in PubMed), 2006, PubMed ID:19292101, ISSN:0048-7848	0.25	4	6.25
23	Mihaela Costin, Marius Zbancioc, “ <i>Improving Cochlear Implant Performances by MFCC Technique</i> ”, International Symposium on Signal, Circuits and Systems SCS2003, IEEE Proceedings, Vol. 2, Iași, România, p.449-452, ISBN 0-7803-7979-9	0.25	2	12.5
24	Mihaela Costin, Anthony Grichnik, Marius Zbancioc, “ <i>Tips on Speaker Recognition by Autoregressive Parameters and Connectionist Methods</i> ”, International Symposium on Signal, Circuits and Systems SCS2003, IEEE Proceedings, Vol. 1, Iași, România, p.169-172, ISBN 0-7803-7979-9	0.25	3	8.33
25	Marius Zbancioc, Mihaela Costin, “ <i>Using Neural Networks and LPCC to Improve Speech Recognition</i> ”, International Symposium on Signal, Circuits and Systems SCS2003, IEEE Proceedings, Vol. 2, Iași, România, p 445-448, ISBN 0-7803-7979-9	0.25	2	12.5
26	H. N. Costin, Mihaela Costin, M. Zbancioc, “ <i>Fuzzy rule-based decision support system for haematological diseases classification</i> ”, Mediterranean Conference on Medical and Biological Engineering and Computing MEDICON 2001, 12-15 June, Pola, Croatia 2001, In Proceedings of the International Federation for Medical & Biomedical Engineering - IFMBE, ISBN 953-184-023-7, ISSN 1680-0737, Vol. 1, pp. 433-436	0.25	3	8.33
<b>TOTAL A2.1</b>				<b>280.05</b>
<b>FACTOR DE IMPACT CUMULAT</b>				<b>7.97</b>

**A2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI) [sunt cele recunoscute pe plan științific internațional precum (nelimitativ): Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP, Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC, Google Scholar] [20 / nr. de autori]**

Nr.crt.	Titlul lucrării	Nr. autori	Punctaj
1	Zbancioc Marius Dan, Feraru Silvia Monica, „ <i>Recognition of Positive and</i>	2	10

	<i>Negative Emotions for Romanian Language</i> ”, The 6th IEEE International Conference on E-Health and Bioengineering - EHB 2017 , June 22-24, Sinaia, Romania		
2	Feraru Silvia Monica, Zbancioc Marius Dan,, “ <i>Emotion recognition for disgust and boredom states</i> ”, 13-th International Symposium on Signals, Circuits and Systems. ISSCS 2017, July 13-14, Iasi, Romania	2	10
3	M. Zbancioc, M. Feraru, “ <i>Optimized Segmentation Method of the Vocal Signal with Predictive Neural Network</i> ”, Proc. of International Conference on Electronics, Computers and Artificial Intelligence (ECAI <b>2014</b> ), 23-25 oct., București, România, vol. 6-no.1/2014, pp. 23-26, ISSN-1843-2115, IEEE Catalog CFP1427U-ART, ISBN 978-1-4799-5479-7 (INSPEC Accession Number:15076441, DOI: 10.1109/ECAI.2014.7090141), 2014	2	10
4	M. Zbancioc, M. Feraru, “ <i>A Study about the Statistical Parameters Used in the Emotion Recognition</i> ”, Proceedings of the 10th International Conference on Development and Application Systems, Suceava, Romania, May 17-19, <b>2012</b> , ISSN: 1844-5020, pp. 187-190	2	10
5	H.N. Teodorescu, M. Zbancioc, M. Feraru, “ <i>Statistical characteristics of the formants of the Romanian vowels in emotional states</i> ”, International Conference on Speech Technology and Human-Computer Dialogue SPeD <b>2011</b> , 18-21 may 2011 Brasov, Romania, ISBN 978-1-4577-0439-0, pp. 1-10, IEEE publication, <a href="http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5940725">http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5940725</a>	3	6.67
6	Marius <u>Zbancioc</u> , Horia-Nicolai Teodorescu, Laura Pistol “ <i>Issues Related to Distributed Implementations of Models for Large Economic Systems</i> ” (lucrare “ <i>GRID Modeling Results for Large Economic Systems</i> ” – prezentată la conferința ECIT2008 - 5 <sup>th</sup> European Conference on Intelligent Systems and Technologies, 10-12 July <b>2008</b> , Iasi, Romania, revizuită, completată și publicată în volum “ <i>Scientific and Educational Grid Applications</i> ” – Editors H.N.Teodorescu, M. Craus, Editura Politehniun), ISBN 978-973-621-236-9, 2008	3	6.67
7	Mihaela Costin, Marius <u>Zbancioc</u> , Baltag Octavian, Silviu Bejinariu, “ <i>Microwave Imagistic and Data Processing Software for Early Breast Cancer Detection</i> ”, 12 <sup>th</sup> International Conference IPMU <b>2008</b> , Information Processing and Management of Uncertainty in Knowledge-Based Systems, June 22-27, Malaga, Spain, 2008, L. Magdalena, M. Ojeda-Aciego, J.L. Verdegay (eds): Proceedings of IPMU'08, ISBN 978-84-612-3061-7, pp. 614-621 ( <a href="http://www.gimac.uma.es/ipmu08/proceedings/papers/081-CostinEtAl.pdf">http://www.gimac.uma.es/ipmu08/proceedings/papers/081-CostinEtAl.pdf</a> )	4	5
8	Horia-Nicolai Teodorescu, Marius <u>Zbancioc</u> - “ <i>Parallelizing and distributing computation for fuzzy economic models</i> ”, 16th International Conference on Control Systems and Computer Science (CSCS16 – <b>2007</b> ), 22-25 may, București, România, 2007, Proc. Vol. 1, Ed. PRINTECH, ISBN 978-973-718-741-3, pp.193-199	2	10
9	H.N. Teodorescu, D. Trandabat, M. Feraru, M. <u>Zbancioc</u> , R. Luca, “ <i>A Corpus of the Sounds in the Romanian Spoken Language for Language-Related Education</i> ”, July 2006, Murcia, Spain, International Conference on Human and Material Resources in Foreign Language Learning – HMRFL <b>2006</b> , Murcia, Spania, 12-14 iulie 2006, published in “ <i>Revisiting Language Learning Resources</i> ”, Cambridge Scholars Publishing (CSP), UK, ISBN 1-84718-156-2; ISBN 13: 9781847181565, pp. 73-89, 2007	4	5
10	H.N. Teodorescu, M. Zbancioc, “ <i>Dynamics of Fuzzy Models for Market Players. The Three Companies Case</i> ”, FS&AI. - Fuzzy Systems & Artificial Intelligence, Vol. 11, No. 1-3, pp. 73-107, <b>2005</b>	2	10
11	Horia-Nicolai Teodorescu, Marius <u>Zbancioc</u> , “ <i>Two Fuzzy Economic Models with Nonlinear Dynamics</i> ”, Proceedings of the Romanian Academy, The Publishing House of the Romanian Academy, EA Volume 6, Series A, Nr 1/Jan-Apr <b>2005</b> , pp. 75-84	2	10
12	F. Leon, D. Galea, M. Zbancioc, “ <i>Knowledge Representation through Interactive Networks</i> ”, Proceedings of the European Conference on Intelligent Systems, Iasi, Romania, ECIT <b>2002</b>	3	6.67
13	H.N. Costin, C. Rotariu, M. Zbancioc, M. Costin & E. Hanganu, “ <i>Fuzzy rule-aided decision support for blood cell recognition</i> ”, Journal of Fuzzy Systems & Artificial Intelligence 7(1--3), pp. 61-70, <b>2001</b>	4	5
<b>TOTAL A2.2</b>			<b>105.01</b>

**A2.3 Proprietate intelectuală, brevete de invenție, certificate ORDA  
[internaționale – 35/nr. autori; naționale – 25/]**

Nr. crt.	Titlul Brevetului, Autorii, Nr. brevet .... acordat de .....	Punctaje
<b>A2.3.1 Internaționale</b>		<b>[35/nr. autori]</b>
<b>A2.3.2 Naționale</b>		<b>[25/nr. autori]</b>
	ORDA (Bază de date de înregistrări adnotate și documentate) de voci cu încărcătură emoțională 'SRoL-IIT' nr. 2931/30.04.2009, Colectiv de cercetare: Teodorescu H.N., Zbancioc M., Feraru M., Trandabăț D., Luca R., Pistol L., Inventica 2009, Iași, România	4.167
	ORDA – înregistrare AnaLIV - "Instrumente pentru analiza limbii vorbite", nr. 11959/06.05.2010, Colectiv de cercetare: Horia-Nicolai Teodorescu, Ion Păvăloi, Marius Zbancioc, Monica Feraru, Laura Pistol	5
	ORDA - înregistrare SROL_SegmRN – „Metodă de segmentare a semnalului vocal bazată pe rețele neuronale predictive”, înregistrare la ORDA nr. 3255/08.04.2013, Colectiv de cercetare: Zbancioc M., Feraru M.	12.5
<b>TOTAL A2.3</b>		<b>21.67</b>

**A2.4 Granturi / proiecte internaționale câștigate prin competiție  
(Director/ responsabil/membru în echipă)**

Nr.crt.	Titlul contractului	Număr ani	Punctaj
<b>A2.4.1.1 Director/responsabil grant internațional</b>			<b>[20 * ani de desfășurare]</b>
<b>A2.4.1.2 Director/responsabil grant național</b>			<b>[10 * ani de desfășurare]</b>
	Analiza comportării sistemelor bazate pe cunoștințe fuzzy cu un nou tip de reguli (reguli recurente, modelul Teodorescu) și aplicații în medicină și economie (GAR - 152 / 2005) (GAR 141/2006)	2	20
<b>A2.4.2.1 Membru în echipă grant internațional</b>			<b>[4 * ani de desfășurare]</b>
	Proiect bilateral cu R. Moldova - Număr contract 437 / 21.06.2010, titlu: Metode inovative pentru vizualizarea și investigarea ecografică în scop medical (director proiect UTI), acronim MIVIEM - Proiect de cooperare bilaterală, PN II - Capacități, modul III – ANCS (2010-2012)	2	8
<b>A2.4.2.2 Membru în echipă grant național</b>			<b>[2 * ani de desfășurare]</b>
	Sistem automat de diagnostic paraclinic în sindromul disfuncțional al sistemului stomatognat (CEEX - 3140P / 10.10.2005) (2005-2008)	3	6
	Formarea unei rețele integrate de cercetare în domeniul metodelor, analizelor și echipamentelor pentru determinarea pattern-urilor consumului caloric și pattern-urilor de dinamică în timpul mersului la subiecți cu boli cronice (CEEX - CALORCRO 3374 / 18.10.2005)	3	6
	Sistem decizional multicriterial și instrumente inteligente destinate dobândirii de avantaj competitive durabil pe piețe turbulente în industria de textile și confecții (Curteza Antonela, CEEX-M1-C2-5253) (2006-2008)	1	2
	GRAI - GRID Academic pentru Aplicații Complexe (Mitica Craus - CEEX-M1-C2-1801) (2006-2008)	3	6
	Capete SONAR bio-mimetice adaptive pentru vehicule autonome - Programul Parteneriate în Domeniile Prioritare CNMP 12079/1.10.2008 (2008-2011)	3	6
<b>TOTAL A2.4.1.1 + A2.4.1.2</b>			<b>54</b>



**A3.1 Citări în cărți, reviste și volume ale unor manifestări științifice**  
**[cărți/ISI = 8 / nr. autori articol citat; BDI = 4 / nr. autori articol citat]**  
**81 citari (18 citări rev ISI, 14x rev BDI, 29 x conf ISI, 17 x conf BDI)**

M.S. Feraru, M.D. Zbancioc, <i>Comparative analysis between SROL - Romanian database and Emo - German database</i> , Proc of IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2015)		
Nr.crt.	Titlul articolul care ne citează	Punctaj
1	<a href="#">A multi features fusion support vector machine for classification of emotion issue in the design of an audio recognition system</a> I Trabelsi, MS Bouhlel - International Journal of Applied Pattern Recognition, Vol.3, Issue2, ISSN: 2049-887X, 2016 - inderscienceonline.com (BDI Journal, DBLP) <a href="https://doi.org/10.1504/IJAPR.2016.079053">https://doi.org/10.1504/IJAPR.2016.079053</a>	3
2	<a href="#">Experimental study in development of speech corpus for emotion recognition with data validation</a> I Pavaloi, E Musca - International Symposium on Signals, Circuits and Systems (ISSCS), 2015, 9-10 July 2015, Print ISBN: 978-1-4673-7487-3, DOI: 10.1109/ISSCS.2015.7203993, INSPEC Accession Number: 15382485 (IEEE Xplore, conferinta ISI)	2
M. Zbancioc, M. Feraru, "Integrated System for Prosodic Features Detection from Speech", 8th IEEE International Conference and Exposition on Electrical and Power Engineering – EPE 2014		
Nr.crt.	Titlul articolul care ne citează	Punctaj
1	<a href="#">Experimental study in development of speech corpus for emotion recognition with data validation</a> I Pavaloi, E Musca - International Symposium on Signals, Circuits and Systems (ISSCS), 2015, 9-10 July 2015, Print ISBN: 978-1-4673-7487-3, DOI: 10.1109/ISSCS.2015.7203993, INSPEC Accession Number: 15382485 (IEEE Xplore, conferinta ISI)	2
M. Feraru, M. Zbancioc, "Emotion Recognition in Romanian Language using LPC Features", The 4th IEEE International Conference on E-Health and Bioengineering - EHB 2013,		
Nr.crt.	Titlul articolul care ne citează	Punctaj
1	<a href="#">Application of cepstrum analysis and linear predictive coding for motor imaginary task classification</a> S Kumar, A Sharma, K Mamun... - Congress on Computer Science and Engineering (APWC on CSE), 2015 2nd Asia-Pacific World, INSPEC Accession Number: 16005034, DOI: 10.1109/APWCCSE.2015.7476214, 2015 - ieeexplore.ieee.org	1
2	<a href="#">Emotion detection using perceptual based speech features</a> S Lalitha, S Tripathi - India Conference (INDICON), 2016 IEEE Annual, 2016 INSPEC Accession Number: 16650816 ,DOI: 10.1109/INDICON.2016.7839028, 2016 - ieeexplore.ieee.org	1
3	<a href="#">Training Pattern Classifiers with Physiological Cepstral Features to Recognise Human Emotion</a> A Abayomi, OO Olugbara, E Adetiba... - Advances in Intelligent Systems and Computing book series (AISC, volume 419, pp 271-280), 2016 - Springer	3
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5	<a href="#">Correlations between the patterns in Romanian and French/v/pronunciations and the dentition state</a> , By: Untu (Hulea), Alina; Teodorescu, Horia-Nicolai L.; Duvanaud, Claude, Conference: 20th European Signal Processing Conference (EUSIPCO) Location: Bucharest, ROMANIA Date: AUG 27-31, 2012, Pages: 1718-1722 , ISBN:978-1-4673-1068-0, ISSN: 2076-1465 , Accession Number: WOS:000310623800345, Published: 2012 (ISI Web of Science, IEEE Xplore)	2
6	<a href="#">Experimental study in emotion recognition using prosodie features</a> I Păvăloi, E Muscă - Conference E-Health and Bioengineering EHB, INSPEC Accession Number: 15730682, DOI: 10.1109/EHB.2015.7391422, 2015 – (ieeexplore.ieee.org)	2
Mihaela Costin, Tudor Barbu, <a href="#">Marius Zbancioc</a> , Gabriela Constantin. Techniques for static visual object detection within a video scene. Polytechnic Institute Bulletin, Automatics and Computers, Tom LI (LV), Fasc.1-4, pp.75-85, Iași, 2005 – 5 citări / 3 ISI		
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1	<a href="#">New attempts in sound diarization</a> C Costin, M Costin - Conference: 3rd International Workshop on Soft Computing Applications (SOFA 2009), Location: Szeged, HUNGARY Date: JUL 29-AUG 01, Pages: 69-74, ISBN:978-1-4244-5054-1, Accession Number: WOS:000275159600013 (IEEE Xplore, <b>ISI Web of Science</b> )	2
2	<a href="#">Pedestrian detection and tracking using temporal differencing and HOG features</a> T Barbu - <a href="#">Computers &amp; Electrical Engineering</a> , Volume: 40, Issue: 4, Pages: 1072-1079, ISSN: 0045-7906, Accession Number: WOS:000336700800006, DOI: 10.1016/j.compeleceng.2013.12.004, Published: MAY 2014 (ISI <b>Web of Science</b> , <b>Comput. Electr. Eng. Impact Factor 0.817</b> )	5
3	<a href="#">Novel Approach for Moving Human Detection and Tracking in Static Camera Video Sequences</a> T Barbu - Proceedings of the Romanian Academy, Series - Mathematics Physics Technical Sciences Information Science, Volume: 13, Issue: 3, Pages: 269-277, Published: JUL-SEP 2012, ISSN: 1454-9069, Accession Number: WOS:000308342300011, 2012 ( <b>ISI Web of Science</b> , <b>Proc. Rom. Acad. Ser. A-Math. Phys. Impact Factor = 0.537</b> )	5
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3	<a href="#">A Study of the Usefulness of Linear Prediction Residual for Speaker Recognition</a> WC Hsu, JN Sun - Advanced Science Letters, Volume 9, Number 1, April 2012, pp. 754-761(8), <b>Publisher:</b> American Scientific Publishers, <b>DOI:</b> http://dx.doi.org/10.1166/asl.2012.2524, 2012 Source: Advanced Science Letters, Volume 9, Number 1, April 2012, pp. 754-761(8) (Revista BDI Elsevier ,Scopus, Google Scholar)	3
4	<a href="#">Mel Frequency Cepstral Coefficients Based Similar Albanian Phonemes Recognition</a> B Karahoda, K Pireva, AS Imran - pp491-500, <a href="#">Lecture Notes in Computer Science</a> book series (LNCS, volume 9734), 2016 – Springer <a href="https://link.springer.com/chapter/10.1007/978-3-319-40349-6_47">https://link.springer.com/chapter/10.1007/978-3-319-40349-6_47</a>	3
Mihaela Costin, Marius Zbancioc, “ <i>Improving Cochlear Implant Performances by MFCC Technique</i> ”, International Symposium on Signal, Circuits and Systems (SCS2003) – <b>5 citări / 2 ISI</b>		
<b>Nr.crt.</b>	<b>Titlul articolul care ne citează</b>	<b>Punctaj</b>
1	<a href="#">DSP based improved Speech Recognition system</a> SD Daphal, SK Jagtap - International Conference on Communication, Information & Computing Technology (ICCICT), 19-20 Oct. 2012, ISBN: 978-1-4577-2077-2, INSPEC Accession Number: 13230054, DOI: 10.1109/ICCICT.2012.6398181, 2012 (IEEE Xplore)	1
2	<a href="#">Perceptual details of depression detection in Romanian language</a> I Pavaloi, M Luca, E Musca - Conference: 4th IEEE International Conference on E-Health and Bioengineering (EHB 2013) Location: Iasi, ROMANIA Date: NOV 21-23, 2013, ISBN:978-1-4799-2372-4, Accession Number: WOS:00034667290002, Published: 2013 (IEEE Xplore, <a href="#">ISI Web of Sciece</a> )	2
3	<a href="#">A Study on Automatic Recognition of Positive and Negative Emotions in Speech</a> I Pavaloi, A Ciobanu, M Luca, E Musca, T Barbu, 18th International Conference System Theory, Control and Computing (ICSTCC 2014), pp. 221 – 224, INSPEC Accession Number:14826432 , DOI: 10.1109/ICSTCC.2014.6982419, 17-19 Oct. 2014 (IEEE Xplore)	1
4	<a href="#">Automatic fury recognition in audio records</a> A Ciobanu, M Luca, E Musca - Conference: 12th International Conference on Development and Application Systems (DAS) Location: Suceava, ROMANIA Date: MAY 15-17, 2015, Pages: 176-179, ISBN:978-1-4799-5094-2, Accession Number: WOS:000359866000029, Published: 2014 (IEEE Xplore, <a href="#">ISI Web of Sciece</a> )	2
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2	<a href="#">An intelligent agents approach to support the management decision making process in the virtual organization</a> A Ștefănescu, L Ștefănescu - Global Journal on Technology 2013, ISSN: 2147-5369 (revista BDI, Google Scholar)	
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2	<a href="#">Medical Image Processing by Means of some Artificial Intelligence Methods</a> <a href="#">H Costin</a> , C Rotariu - Buletinul Institutului Politehnic din Iasi ,Tomul LIX (LXIII), Fasc. 2, 2013 Sectia Automatică Si Calculatoare (Revista BDI, Google Scholar)	
3	<a href="#">Parallel microscopic cell image segmentation and multiple fusions</a> ED Cheng, <a href="#">S Challa</a> , <a href="#">R Chakravorty</a> - International Journal of Signal and Imaging Systems Engineering, Vol. 4, Issue 2, DOI: 10.1504/IJSISE.2011.041603, 2011 (Revista BDI Scopus Elsevier, Google Scholar)	
4	<a href="#">Medical Image Processing by using Soft Computing Methods and Information Fusionn</a> <a href="#">H Costin</a> , C Rotariu - World Scientific and Engineering Academy and Society (WSEAS 2011), ISBN: 978-1-61804-011-4, Recent Researches in Computational Techniques, Non-Linear Systems and Control, Editors: Nicu Gavriluta, Razvan Raducanu, Mihaiela Iliescu, Hariton Costin, Nikos Mastorakis, Vladimir Olej, Jiri Strouhal, ISBN: 978-1-61804-011-4, Pages: 312, (Scopus, Elsevier, Google Scholar)	3
5	<a href="#">Application of Pattern Recognition Techniques for the Analysis of Histopathological Images</a> A Krzyżak, <a href="#">T Fevens</a> , <a href="#">M Habibzadeh</a> , <a href="#">L Jeleń</a> - Computer Recognition Systems 4., Edited by: Burduk, R; Kurzynski, M; Wozniak, M; et al., Book Series: Advances in Intelligent and Soft Computing, Volume: 95, Pages: 623-644, Springer Berlin Heidelberg, ISSN: 1867-5662, ISBN:978-3-642-20319-0, Accession Number: WOS:000290459200065, Published: 2011– Springer, ( <a href="#">ISI Web of Science</a> )	5
6	<a href="#">A review of several applications of FL in modeling and in 1D/2D signal processing</a> V Apopei, SI Bejinariu, <a href="#">HN Costin</a> ... - Signals, Circuits and ..., 2015 - ieeexplore.ieee.org (IEEEExplore)	2
<b>TOTAL A3.1 100 citări din care 12 x rev.ISI, 17 x rev.BDI, 26 x conf.ISI, 45 x conf.BDI</b>		<b>215</b>

### A3.2 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat

Nr.crt.	Poziția	Punctaj
<b>TOTAL A3.2</b>		

**A3.3 Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestări științifice**

Nr.crt.	Poziția	Punctaj
<b>A3.3.1 ISI</b>		
<b>A3.3.2 BDI</b>		
	SpeD 2007 - 4th Conference on Speech Technology and Human, May 10-12, 2007	6
<b>A3.3.3 Naționale și internaționale neindexate</b>		
	ECIT 2010 European Conference on Intelligent Systems and Technologies	3
	ECIT 2008 European Conference on Intelligent Systems and Technologies	3
	ECIT 2006 European Conference on Intelligent Systems and Technologies	3
	SASM'2005 - Simpozionul aniversar „Gr. C. Moisiu”, 5 - 7 May 2005	3
	EMC'2004 - European Mars and Planetary Convention, 26 - 28 July, 2004	3
	ECIT 2004 European Conference on Intelligent Systems and Technologies	3
	ConsILR2013 - 9th International Conference "Linguistic Resources and Tools for Processing the Romanian Language" 16-17 May 2013	3
	ConsILR2015 - 11th International Conference "Linguistic Resources and Tools for Processing the Romanian Language" 26-27 Nov. 2015	3
<b>TOTAL A3.3</b>		<b>30</b>

**A3.4 Premii în domeniu**

Nr.crt.	Premiu	Punctaj
<b>A3.4.1 Academia Română, premii internaționale</b>		
<b>A3.4.2 Premii naționale</b>		
<b>TOTAL A3.4</b>		