

STANDARDE MINIMALE NECESARE SI OBLIGATORII

DOMENIUL: INGINERIE AEROSPAȚIALĂ

FIȘĂ SINTETICĂ AUTOEVALUARE

Cadru didactic: **LUNGU MIHAI-AURELIU**

Funcția: Conferențiar

Nr. crt.	Tipul activităților	Categoriile și restricții	Subcategoriile	Indicatori unitari	Indicatori Referința (vezi Anexa)	Punctaj	Criteriu îndeplinit (Nu este cazul / DA / NU)
1.	Activitate didactică și profesională (A1)	1.1. Cărți și capitole în cărți de specialitate	1.1.1. Cărți/Capitole ca autor (prof.:min. 4 , conf.: min.2)	1.1.1.1. Internaționale <i>nr. pag. /(2*nr. autori)</i>	1	5	DA
				1.1.1.2. Naționale <i>nr. pag. /(5*nr. autori)</i>	4	189.47	
			1.1.2. Cărți/Capitole ca editor	1.1.2.1. Internaționale <i>nr. pag. /(3*nr. editori)</i>	-	0	Nu este cazul
				1.1.2.2. Naționale <i>nr. pag. /(7nr. editori)</i>	-	0	Nu este cazul
		1.2. Material didactic/ Lucrări didactice	1.2.1. Manuale didactice /monografii (prof, CS1-min. 2 din care 1 primautor , conf., CSII-min. 1)	<i>nr. pag. /(10*nr. autori)</i>	2	32.30	DA
			1.2.2. Îndrumare de laborator / Aplicații (prof, CS1-min. 2 din care 1 primautor , conf., CSII-min. 1)	<i>nr. pag. /(20*nr. autori)</i>	2	7.25	DA

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Nr. crt.	Tipul activităților	Categoriile și restricții	Subcategoriile	Indicatori unitari	Indicatori Referința (vezi Anexa)	Punctaj	Criteriu îndeplinit (Nu este cazul / DA / NU)
		1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă	1.3.1. Director/responsabil	10*nr. ani de desfășurare	-	0	Nu este cazul
			1.3.2. Membru	3*nr. ani de desfășurare	-	0	Nu este cazul
		1.4. Conducere proiecte diplomă/ disertație	Max. 50 pct în total	Pr. Diplomă - 1 Pr. Disertație - 1,5	22	25.5	Nu este cazul
		1.5. Introducere noi discipline	Max. 45 pct în total	15	3	45	Nu este cazul
		Total A1	Criteriul este îndeplinit Prof >= 180 Conf >= 100				304.52
2.	Activitate de cercetare (A2)	2.1. Articole în extenso în reviste cotate și în proceedings indexate ISI Thomson Reuters, brevete de invenții	Minim 11 art. pt. Prof/ CS I Minim 6 articole pt. Conf/CSII	(25+20*factor de impact)/nr. de autori	58	731.54	DA
		2.2. Articole în reviste și volume ale unor manifestări științifice, indexate în alte baze de date internaționale	Minim 16 art. pt. Prof/ CS I Minim 8 articole pt. Conf/CSII	20/nr. de autori	43	354.28	DA
		2.3. Articole publicate în reviste naționale și volumele unor manifestări științifice naționale și internaționale neindexate		5/nr. de autori	38	82.64	Nu este cazul

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Nr. crt.	Tipul activităților	Categoriile și restricții	Subcategoriile	Indicatori unitari	Indicatori Referința (vezi Anexa)	Punctaj	Criteriu îndeplinit (Nu este cazul / DA / NU)
		2.4. Granturi/ proiecte câștigate prin competiție	2.4.1. Director/ responsabil	2.4.1.1. Internaționale 20*nr. de ani de desfășurare	-	0	DA
			Minim 2 pt. Prof/ CS I	2.4.1.2. Naționale 10*nr. de ani de desfășurare	3	80	
			2.4.2. Membru în echipă	2.4.2.1. Internaționale 4*nr. de ani desfășurare	1	12	Nu este cazul
				2.4.2.2. Naționale 2*nr. de ani desfășurare	9	49	Nu este cazul
		2.5. Proiecte de cercetare/consultanță cu mediul economic	2.5.1. Director/ responsabil	Internaționale/naționale 5*nr. de ani de desfășurare	-	0	Nu este cazul
			2.5.2. Membru în echipă	Internaționale/naționale 2*nr. de ani de desfășurare	3	5.33	Nu este cazul
		Total A2	Criteriul este îndeplinit Prof >= 170 Conf >= 80			1314.79	DA
3.	Recunoașterea impactului activității (A3)	3.1. Citări în reviste ISI și BDI	3.1.1. ISI	15/ nr. de autori	35	221	Nu este cazul
			3.1.2. BDI	10/ nr. de autori	35	141.48	Nu este cazul
		3.2. Prezentări invitate în plenumul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv ERASMUS)	3.2.1. Internaționale	20	1	20	Nu este cazul
			3.2.2. Naționale	5	-	0	Nu este cazul
		3.3. Membru în colective de redacție sau comitete științifice	3.3.1. ISI	10	18	180	Nu este cazul
			3.3.2. BDI	8	26	240	Nu este cazul
			3.3.3. Naționale și	5	1	5	Nu este cazul

Semnătura _____

Nr. crt.	Tipul activităților	Categorii și restricții	Subcategoriile	Indicatori unitari	Indicatori Referința (vezi Anexa)	Punctaj	Criteriu îndeplinit (Nu este cazul / DA / NU)	
		al revistelor și manifestărilor științifice, organizator de manifestări științifice/Recenzor	internaționale neindexate					
		3.4. Experiență de management, analiză și evaluare în cercetare și/sau învățământ	3.4.1. Conducere	5*nr. de ani de desfășurare	-	0	Nu este cazul	
			3.4.2. Membru	2*nr. de ani de desfășurare	-	0	Nu este cazul	
		3.5 Referent în comisii de doctorat	Internaționale/Naționale	Internaționale - 10 Naționale - 5	-	0	Nu este cazul	
		3.6. Premii	3.6.1. Academia Română	30	1	30	Nu este cazul	
			3.6.2. Academii de ramură și CNCIS	15	2	30	Nu este cazul	
			3.6.3. Premii internaționale	10	-	0	Nu este cazul	
			3.6.4. Premii naționale în domeniu	5	11	55	Nu este cazul	
		3.7. Membru în academie, organizații, asociații profesionale de prestigiu naționale și internaționale, apartenența la organizații din domeniul educației și cercetării	3.7.1. Academia Română	100	-	0	Nu este cazul	
			3.7.2. Academii de ramură	30	-	0	Nu este cazul	
			3.7.3. Conducere asociații profesionale	3.7.3.1. Internaționale	30	-	0	Nu este cazul
				3.7.3.2. Naționale	15	-	0	Nu este cazul
			3.7.4. Asociații profesionale	3.7.4.1. Internaționale	10	1	10	Nu este cazul
				3.7.4.2. Naționale	5	4	20	Nu este cazul
			3.7.5. Organizații din domeniul educației și cercetării	3.7.5.1. Conducere	15	-	0	Nu este cazul
				3.7.5.2. Membru		1	10	Nu este cazul

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Nr. crt.	Tipul activităților	Categorii și restricții	Subcategorii	Indicatori unitari	Indicatori Referința (vezi Anexa)	Punctaj	Criteriu îndeplinit (Nu este cazul / DA / NU)
				10			
		Total A3	Criteriul este îndeplinit Prof >= 50 Conf >= 20			962.48	DA
4.	Total general (A1+A2+A3)		Criteriul este îndeplinit Prof >= 400 Conf >= 200			2581.79	DA

Centralizator cu punctaje și criterii minimale

Nr. crt.	Tipul activităților / Subcategorii	Condiții profesor (Condiții Abilitare)	Obținut	Observații
1. Activitatea didactică și profesională (A1)		Minim 180 puncte	304.52 puncte	Criteriu îndeplinit
1.	Cărți/Capitole ca autor	Minim 4	5	Criteriu îndeplinit
2.	Manuale didactice /monografii	Minim 2	2	Criteriu îndeplinit
3.	Îndrumare de laborator / Aplicații	Minim 2	2	Criteriu îndeplinit
2. Activitatea de cercetare științifică (A2)		Minim 170 puncte	1314.79 puncte	Criteriu îndeplinit
1.	Articole în extenso în reviste cotate și în proceedings indexate ISI Thomson Reuters, brevete de invenții	Minim 11	57	Criteriu îndeplinit
2.	Articole în reviste și volume ale unor manifestări științifice, indexate în alte baze de date internaționale	Minim 16	43	Criteriu îndeplinit
3.	Granturi / proiecte câștigate prin competiție ca Director/Responsabil	Minim 2	3	Criteriu îndeplinit
3. Recunoașterea performanțelor profesionale și impactul activității (A3)		Minim 50 puncte	962.48 puncte	Criteriu îndeplinit
Total general (A1+A2+A3)		Minim 400 puncte	2581.79 puncte	Criteriu îndeplinit

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**ANEXĂ INDIVIDUALĂ STANDARDE MINIMALE
DOMENIUL INGINERIE AEROSPAȚIALĂ**

1. Activitatea didactică și profesională (A1)

1.1 Cărți și capitole în cărți de specialitate

1.1.1 Cărți / capitole ca autor

1.1.1.1 Internaționale

Nr.crt	Descriere	Nr. Pag.	Nr.Aut.	Puncte	Obs.
1.	Lungu, R., Lungu, M. <i>Aircraft Landing Control Using the H-inf Control and the Dynamic Inversion Technique</i> . Capitol in cartea „Automation and Control Trends”, ISBN 978-953-51-2671-3 (editori: Pedro Ponce, Arturo Molina Gutierrez, Luis M. Ibarra). Editura Intech, 2016, pag. 101-120. http://www.intechopen.com/books/automation-and-control-trends/aircraft-landing-control-using-the-h-inf-control-and-the-dynamic-inversion-technique	20	2	5	Documente doveditoare in dosar
			Total	5	

1.1.1.2 Naționale (recunoscute CNCIS)

Nr.crt	Descriere	Nr. Pag.	Nr.Aut.	Puncte	Obs.
1.	Lungu, M. <i>Algoritmi si structuri pentru identificarea, estimarea si conducerea zborului aeronavelor si rachetelor</i> . Editura Sitech, Craiova, 2013, 340 pag. ISBN: 978-606-11-3113-6.	340	1	68.00	Documente doveditoare in dosar
2.	Lungu, R., Lungu M. <i>Controlul automat al aeronavelor la aterizare</i> . Editura Sitech, Craiova, 2015, 398 pag. ISBN: 978-606-11-4341-2. Carte premiata cu premiul AGIR decernat de Asociația Generală a Inginerilor din România, 2016.	398	2	39.80	
3.	Lungu, M. <i>Sisteme de conducere a zborului</i> . Editura Sitech, Craiova, 2008, 329 pag. ISBN: 978-973-746-975-5. Carte premiata cu premiul AUREL VLAICU decernat de Academia Romana in anul 2010.	329	1	65.80	
4.	Lungu, R., Sepcu, L., Lungu M. <i>Dinamica și controlul zborului micro-vehiculelor aeriene</i> . Editura Sitech, Craiova, 2016, 238 pag. ISBN: 978-606-11-5103-5.	238	3	15.87	
			Total	189.47	

1.2 Material didactic / lucrări didactice

1.2.1 Manuale didactice / monografii

Nr.crt	Descriere	Nr. Pag.	Nr. Aut.	Puncte	Obs.
1.	Lungu, M., Lungu R. <i>Estimarea stării aparatelor de zbor</i> . Editura Sitech, Craiova, 2014, 290 pag. ISBN: 978-606-11-3699-5. Carte premiata cu premiul AGIR decernat de Asociația Generală a Inginerilor din România, 2015.	290	2	14.5	Documente doveditoare in dosar
2.	Lungu M. <i>Controlul optimal al aparatelor de zbor</i> . Editura Sitech, Craiova, 2015, 178 pag. ISBN: 978-606-11-4840-0.	178	1	17.8	
			Total	32.3	

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1.2.2 Îndrumare de laborator / aplicații

Nr.crt	Descriere	Nr. Pag.	Nr. Aut.	Puncte	Obs.
1.	Lungu, M., Lungu R. <i>Sisteme de conducere a zborului – Lucrari practice de laborator</i> , Editura Sitech, Craiova 2010, 130 pag. ISBN: 978-606-530-688-2.	130	2	3.25	Documente doveditoare in dosar
2.	Lungu, M., Lungu, R. <i>Estimarea stării aparatelor de zbor – Lucrari practice de laborator</i> , Editura Sitech, Craiova, 2014, 160 pag. ISBN: 978-606-11-4151-7.	160	2	4.00	
			Total	7.25	

1.4. Conducere proiecte de diplomă/disertație

Nr.crt	Temă proiect	Universitate/Specializare	An/Student	Puncte
1.	Sisteme de presurizare pentru aeronave	Universitatea din Craiova/ Echipamente și instalații de aviație (Licență)	2010/Copaci Gh. Nicolae Adrian	1
2.	Surse regenerabile. Proiectarea centralelor eoliene.		2010/Drăgan Șt. Ștefan Marian	1
3.	Aterizarea UAV-urilor		2011/Lascu M. George-Cătălin	1
4.	Observare de stare		2009/Nițulete S. Nicolae Marius	1
5.	Observare pentru sistemele liniare cu intrări necunoscute		2013/Nuțu D. Liviu-Alexandru-Laurențiu	1
6.	Comportarea trenului de aterizare în faza de decolare-aterizare a aeronavelor		2011/Popescu E. Eduard-Ionuț	1
7.	Dirijare optimală liniar-pătratică optimală		2010/Șerban M. Laurențiu Daniel	1
8.	Comanda automată aparatelor de zbor folosind rețele neuronale		2007/Bordei Ștefan	1
9.	Controlul optimal al zborului utilizând metoda H-inf		2015/Nicola Cătălin	1
10.	Controlul zborului utilizând metoda Backstepping		2017/Șovăilă Valentin	1
11.	Stabilizarea atitudinii de zbor	Universitatea din Craiova/ Echipamente și instalații de bord (Licență)	2007/Farfara C. Laura Nicoleta	1
12.	Metode de estimare a modelelor mișcărilor aparatelor de zbor cu metoda celor mai mici pătrate		2008/Ivan C. Anamaria	1
13.	Utilizarea rețelelor neuronale în stabilizarea zborului aeronavelor		2007/Popa S. Ștefan Daniel	1
14.	Senzori și traductoare pentru măsurarea concentrației compușilor gazoși		2008/Vintiță Gh. Cristian	1
15.	Metode de identificare a modelelor mișcărilor aparatelor de zbor		2008/Mociofleacă P. Cristina Maria	1
16.	Algoritm pentru stabilizarea aeronavelor în etapele de decolare și aterizare	Universitatea din Craiova/ Sisteme complexe pentru ingineria aerospațială (Master)	2010/Ilie M. Ovidiu Ionuț	1.5
17.	Tehnici de procesare a modelelor sistemelor liniare		2011/Mociofleacă P. Cristina Maria	1.5
18.	Stabilitatea și controlul UAV		2011/Nițulete S. Nicolae Marius	1.5
19.	Proiectarea observarelor multiple pentru zborul aeronavelor și rachetelor		2014/Popescu E. Eduard-Ionuț	1.5
20.	Metoda pasului înapoi "backstepping"		2012/Șerban M. Laurențiu Daniel	1.5
21.	Tehnici de proiectare a estimatoarelor de stare neliniare pentru zborul aeronavelor și rachetelor		2016/Stochițoiu Cătălin	1.5

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Nr.crt	Temă proiect	Universitate/Specializare	An/Student	Puncte
22.	Identificarea sistemelor utilizând estimatoare de stare de tip optimal		2016/Bârsănescu Mihai	1.5
			Total	25.5

1.5. Introducere de noi discipline

Nr.crt	Disciplină	Universitate/Specializare	An introducere	Puncte
1.	Sisteme de estimare a stării aparatelor de zbor	Universitatea din Craiova / Sisteme complexe de inginerie aerospațială	2012	15
2.	Sisteme optimale de conducere a zborului		2011	15
3.	Controlul automat al zborului aeronavelor la aterizare		2013	15
			Total	45

2. Activitatea de cercetare (A2)

2.1 Articole în extenso reviste cotate și în proceedings indexate ISI Thomson Reuters, brevete de invenții

Nr.crt	Descriere (cu link)	Nr. Aut.	Fact.imp.	Puncte
1.	Lungu, R., Lungu, M., Rotaru, C. <i>Non-linear adaptive system for the control of the helicopters pitch's angle</i> . Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 12, nr. 2, 2011, pag. 133-142, ISSN: 1454-9069. WOS: 000291510700008, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=36	3	0.149	9.33
2.	Lungu, M., Lungu, R., Rotaru, C. <i>New Systems for Identification, Estimation and Adaptive Control of the Aircrafts' Movements</i> . Studies in Informatics and Control, vol. 20, nr. 3, 2011, pag. 273-284, ISSN: 1220-1766. WOS: 000299459200008, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=35	3	0.671	12.8
3.	Grigorie, T.L., Botez, R.M., Lungu, M., Edu, I.R., Obreja, R. <i>Micro-electromechanical systems gyro performance improvement through bias correction over temperature using an adaptive neural network-trained fuzzy inference system</i> . Proceedings of the Institution of Mechanical Engineers Part G - Journal of Aerospace engineering, vol. 226, nr. G9, 2012, pag. 1121-1138. WOS: 000307763200006, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=9&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1	5	0.683	7.73
4.	Lungu, R., Lungu, M., Grigorie, T.L. <i>ALs with Conventional and Fuzzy Controllers Considering Wind Shears and Gyro Errors</i> . Journal of Aerospace Engineering, vol. 26, no. 4, pag. 794-813, 2013, ISSN: 0893-1321, e-ISSN: 1943-5525. WOS: 000324469100015, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=23	3	1.098	15.66
5.	Lungu, M., Lungu, R., <i>Full-Order Observer Design for Linear Systems with Unknown Inputs</i> . International Journal of Control, vol. 85, nr. 10, 2012, pag. 1602-1615, ISSN: 0020-7179, e-ISSN: 1366-5820. WOS: 000308300800018, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=30	2	0.977	22.27
6.	Lungu, M., Lungu, R. <i>Adaptive Backstepping Flight Control for a Mini-UAV</i> . International Journal of Adaptive Control and Signal Processing, vol. 27, nr. 8, pag.	2	0.913	21.63

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Nr.crt	Descriere (cu link)	Nr. Aut.	Fact.imp.	Puncte
	635-650, 2013, ISSN: 0890-6327, e-ISSN: 1099-1115. WOS: 000321772800001, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=24			
7.	Lungu, R., Lungu, M., <i>Adaptive Control of the Helicopter Pitch Angle and Velocity</i> . Journal of Aerospace Engineering, vol. 27, nr. 5, 12 pag., 2014, ISSN: 0893-1321, e-ISSN: 1943-5525. WOS: 000344640700003, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=18&cacheurlFromRightClick=no	2	1.098	23.48
8.	Lungu, R., Lungu, M., Grigorie, T.L., <i>Automatic Control of Aircraft in Longitudinal Plane During Landing</i> . IEEE Transactions on Aerospace & Electronic Systems, vol. 49, nr. 2, 2013, pag. 1338-1350, ISSN: 0018-9251. WOS: 000317667700045, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=25&cacheurlFromRightClick=no	3	1.641	19.27
9.	Lungu, M., Lungu, R. <i>Reduced Order Observer for Linear Time-Invariant Multivariable Systems with Unknown Inputs</i> . Circuits, Systems, and Signal Processing, Springer, vol. 32, nr. 6, pag. 2883-2898, 2013, ISSN: 0278-081X, e-ISSN: 1531-5878. WOS: 000326380400021, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=22&cacheurlFromRightClick=no	2	0.817	20.67
10.	Lungu, M., Lungu, R., <i>Reconfigurable Controller for Active Fault-Tolerant Control Systems with Applicability to Flight Control</i> . Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 15, nr. 2, pag. 191-199, 2014, ISSN: 1454-9069. WOS: 000336714400012, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=20&cacheurlFromRightClick=no	2	0.537	17.87
11.	Lungu, R., Lungu, M., <i>Automatic Landing Control using H-inf Control and Dynamic Inversion</i> . Proceedings of the Institution of Mechanical Engineers Part G - Journal of Aerospace Engineering, vol. 228, nr. 14, pag. 2612-2626, 2014, ISSN: 0954-4100. WOS: 000345337100004, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=17&cacheurlFromRightClick=no	2	0.683	19.33
12.	Lungu, M., Lungu, R., <i>Design of Full-order Observers for Systems with Unknown Inputs by using the Eigenstructure Assignment</i> . Asian Journal of Control, vol. 16, nr. 5, pag. 1470-1481, 2014, ISSN: 1561-8625. WOS: 000342987300019, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=19&cacheurlFromRightClick=no	2	1.411	26.61
13.	Lungu, R., Sepcu, L., Lungu, M., <i>Four-bar mechanism's PD and neural adaptive control for the thorax of the micromechanical flying insects</i> . Journal of Dynamic Systems, Measurement and Control - Transactions of ASME, ISSN: 0022-0434, DOI: 10.1115/1.4028793, vol. 137, nr. 5, 2015, 13 pag. WOS: 000352560800005, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=14&cacheurlFromRightClick=no	3	0.978	14.85
14.	Lungu, M., Lungu, R., <i>Application of H2/H∞ Technique to Aircraft Landing Control</i> . Asian Journal of Control, vol. 17, nr. 6, pag. 2153-2164, 2015, DOI: 10.1002/asjc.1132, ISSN: 1561-8625. WOS: 000363796100010, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=11&cacheurlFromRightClick=no	2	1.411	26.61
15.	Lungu, R., Lungu, M., <i>Automatic Control of Aircraft in Lateral-Directional</i>	2	1.411	26.61

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Nr.crt	Descriere (cu link)	Nr. Aut.	Fact.imp.	Puncte
	<i>Plane During Landing</i> . Asian Journal of Control, vol. 18, nr. 2, 2016, pag. 433-446, 2016, DOI: 10.1002/asjc.1133, ISSN: 1561-8625. WOS: 000372296200002, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=2&cacheurlFromRightClick=no			
16.	Lungu, R., Lungu, M., <i>Control of the Aircraft Lateral-Directional Motion during Landing using the H-inf Control and the Dynamic Inversion</i> . Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 16, nr. 4, 2015, pag. 547-555, ISSN: 1454-9069. WOS: 000367500300010, Document Type: Article (ISI Journal) http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=12&cacheurlFromRightClick=no	2	1.658	29.08
17.	Lungu, M., Lungu, R., <i>Automatic Control of Aircraft Lateral-directional Motion during Landing using Neural Networks and Radio-technical Subsystems</i> . Neurocomputing Journal, vol. 171, pag. 471-481, 2016, ISSN: 0925-2312. WOS: 000364883900048, Document Type: Article (ISI Journal). http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=10&cacheurlFromRightClick=no	2	2.083	33.33
18.	Lungu, R., Lungu, M., <i>Application of H2/H∞ and Dynamic Inversion Techniques to Aircraft Landing Control</i> . Aerospace Science and Technology, vol. 46, pag. 146-158, 2015, ISSN: 1270-9638. WOS: 000363345500015, Document Type: Article (ISI Journal). http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=13&cacheurlFromRightClick=no	2	1.718	29.68
19.	Lungu, R., Lungu, M., <i>Design of Automatic Landing Systems using the H-inf Control and the Dynamic Inversion</i> . Journal of Dynamic Systems, Measurement and Control - Transactions of ASME, vol. 138, nr. 2, 2016, Article Number: 024501, DOI: 10.1115/1.4032028, 5 pag., ISSN: 0022-0434. WOS: 000367549700012, Document Type: Article (ISI Journal). http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=3&cacheurlFromRightClick=no	2	0.978	22.28
20.	Lungu, R., Lungu, M. <i>Adaptive Flight Control Law Based on Neural Networks and Dynamic Inversion for Micro Aerial Vehicles</i> . Neurocomputing Journal, vol. 199, pag. 40-49, 2016, ISSN: 0925-2312. WOS: 000377230400004, Document Type: Article (ISI Journal). http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no	2	2.083	33.33
21.	Lungu, M. <i>Neuro-Observer with Application to Longitudinal Motion of an Aircraft with Big Attack Angle</i> . Proceedings of the IEEE 11 th International Conference on Applied and Theoretical Electricity (ICATE 2012), ISBN:978-1-4673-1810-5, Craiova, 25-27 October, 2012. „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 36, pag. 404-409. ISSN: 1842-4805. WOS: 000332581900061, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=32&cacheurlFromRightClick=no	1	0	25
22.	Lungu, M. <i>The Estimation of an Aircraft Motions by using the Bass-Gura Full-Order Observer</i> . Proceedings of the IEEE 11 th International Conference on Applied and Theoretical Electricity (ICATE 2012), ISBN:978-1-4673-1810-5, Craiova, 25-27 October, 2012. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 36, pag. 410-414. ISSN: 1842-4805. WOS: 000332581900062, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=31&cacheurlFromRightClick=no	1	0	25
23.	Lungu, R., Ispas, S., Iancu, M., Lungu, M. <i>Optimal Control of Helicopter Motion</i> . Proceedings of the IEEE 11 th International Conference on Applied and Theoretical Electricity (ICATE 2012), ISBN:978-1-4673-1810-5, Craiova, 25-27 October, 2012. Publicat in „Analele Universitatii din Craiova”, Seria	4	0	6.25

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	Inginerie Electrica, nr. 36, pag. 449-453. ISSN: 1842-4805. WOS: 000332581900063, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=33&cacheurlFromRightClick=no			
24.	Lungu, R., Iancu, M., Ispas, S., Lungu, M. <i>Adaptive Control of the Aircraft Pitch Angular Motion by using the Dynamic Inversion Principle</i> . Proceedings of the IEEE 11 th International Conference on Applied and Theoretical Electricity (ICATE 2012), ISBN:978-1-4673-1810-5, Craiova, 25-27 October, 2012. „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 36, pag. 454-458. ISSN: 1842-4805. WOS: 000332581900064, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=34&cacheurlFromRightClick=no	4	0	6.25
25.	Calbureanu, M., Lungu, M., Tutunea, D., Malciu, R., Dima, A., <i>Modeling with finite element the convective heat transfer in civil building EPS insulated walls</i> . Proceedings of the 10 th International Conference on Applied Computer Science (ACS '10), ISBN: 978-960-474-231-8 Iwate, Japan, October 4-6, 2010, Selected Topics in Applied Computer Science, ISSN: 1792-4863, pag. 79-84. WOS: 000290364500020, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=40&cacheurlFromRightClick=no	5	0	5
26.	Lungu, M., Lungu, R., Bacanu, Gh. <i>Angular stabilization systems of the rockets in vertical plane using differentiator gyroscope</i> . Proceedings of the International Conference on Circuits, Systems and Signals (IEEE.AM - CSS), Malta, September 15 -17, 2010, ISBN: 978-960-474-226-4. Recent Advances in Circuits, Systems and Signals, pag. 51-56, ISSN: 1792-4324. WOS: 000290360900022, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=39&cacheurlFromRightClick=no	3	0	8.33
27.	Lungu, M., Lungu, R., Sepcu, L. <i>Non-linear adaptive system for the control of the aircrafts' roll angle</i> . Proceedings of the International Conference on Circuits, Systems and Signals (IEEE.AM - CSS), Malta, September 15-17, 2010, ISBN: 978-960-474-226-4. Recent Advances in Circuits, Systems and Signals, pag. 39-44, ISSN: 1792-4324. WOS: 000290360900020, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=38&cacheurlFromRightClick=no	3	0	8.33
28.	Lungu, R., Kwatra, S., Lungu, M., Grigorie, L. <i>The use of the hierarchical structured dynamic inversion to the aircrafts longitudinal movement</i> . Proceedings of the International Conference on Circuits, Systems and Signals (IEEE.AM - CSS), Malta, September 15-17, 2010, ISBN: 978-960-474-226-4, Recent Advances in Circuits, Systems and Signals, pag. 34-39, ISSN: 1792-4324. WOS: 000290360900019, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=37&cacheurlFromRightClick=no	4	0	6.25
29.	Lungu, R., Borgazi, Lungu, M., Popa, D., Tutunea, D., Calbureanu, M. <i>New methods for the simulation with finite element of the human elbow</i> . Proceedings of the International Conference on Circuits, Systems and Signals (IEEE.AM - CSS), Malta, September 15-17, 2010. ISBN: 978-960-474-226-4, Recent Advances in Circuits, Systems and Signals, pag. 45-50, ISSN: 1792-4324. WOS: 000290360900021, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=61&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=18&cacheurlFromRightClick=no	5	0	5
30.	Grigorie T.L., Corcau J., Lungu M., Sandu G.D. <i>Bi-Dimensional Position Detection Using TDOA Estimation through Cross Correlation of the Acoustic Signals. Part 1: Theoretical Background</i> . Proceedings of the IEEE International Conference on ICT and Knowledge Engineering, December 1-2, 2009, Siam	4	0	6.25

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	University, Bangkok, Thailand, ISBN: 978-1-4244-4513-4, 6 pag. WOS: 000289534600005, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=181&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no			
31.	Lungu, M., Lungu, R. <i>Non-linear Adaptive Controllers with Linear Dynamic Compensator and Neural Network</i> . Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6. ISSN: 1790-5117, Electrical and Computer Engineering Series, ISSN: 1790-5117, pag. 334-339, 2009. WOS: 000271276800050, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=68&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=17&cacheurlFromRightClick=no	2	0	12.5
32.	Malciu, R., Calbureanu, M., Lungu, M., Dumitru, S. <i>Comparison between Vibrations Transversal Displacements Analytic Determined for a Linear Elastic Connecting Rod and a Linear Viscoelastic one (After the Validation by Experiment of the Vibrations Effective)</i> . Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling And Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6. Electrical and Computer Engineering Series, ISSN: 1790-5117, pag. 355-360, 2009. WOS: 000271276800053, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=44&cacheurlFromRightClick=no	4	0	6.25
33.	Calbureanu, M., Malciu, R., Lungu, M., Dumitru, S. <i>Analytic Determination of the Accelerations of Vibrations for a Linear Viscoelastic Cinematic Element of a Crank and Connecting Rod Assembly Validated by Experiment</i> . Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling And Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6. Electrical and Computer Engineering Series, ISSN: 1790-5117, pag. 349-354, 2009. WOS: 000271276800052, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=43&cacheurlFromRightClick=no	4	0	6.25
34.	Lungu, R., Lungu, M., Stoenescu, E., Calbureanu, M. <i>Reduced Order Observer for the Longitudinal and Lateral Movements of an Aircraft</i> . Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling And Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6. Electrical and Computer Engineering Series, ISSN: 1790-5117, SSN: 1790-5117, pag. 328-333, 2009. WOS: 000271276800049, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=73&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no	4	0	6.25
35.	Lungu, M., Lungu, R., Stoenescu, E., Grigorie, L. <i>Prediction State Observer for the Longitudinal and Lateral Movements of an Aircraft</i> . Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling And Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6. Electrical and Computer Engineering Series, ISSN: 1790-5117, SSN: 1790-5117, pag. 322-327, 2009. WOS: 000271276800048, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=76&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1	4	0	6.25
36.	Dinca, L., Corcau, J., Lungu, M., Tudisie, A., <i>Electro-hydrostatic Servo-actuators for Aircraft</i> . Proceedings of the 7th WSEAS International Conference on System Science and Simulation in Engineering (ICOSSE '08), Venice, Italy, November 21-23, 2008, ISBN: 978-960-474-027-7. Recent Advances in Systems Science and Simulation in Engineering, ISSN: 1790-2769, pag. 217-222, 2008.	4	0	6.25

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	WOS: 000263454800036, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=78&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1			
37.	Lungu, R., Lungu, M., Dinca, L., Stoenescu, E. <i>On-line Parametric Identification and Discrete Optimal Command for the Aircrafts Longitudinal Movement</i> . Proceedings of the 7th WSEAS International Conference on System Science and Simulation in Engineering (ICOSSSE '08), Venice, Italy, November 21-23, 2008, ISBN: 978-960-474-027-7. Recent Advances in Systems Science and Simulation in Engineering, ISSN: 1790-2769, pag. 211-216, 2008. WOS: 000263454800035, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=82&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=2&cacheurlFromRightClick=no	4	0	6.25
38.	Calbureanu, M.X., Malciu, R., Lungu, M., Lungu, R., <i>Advanced Machining Technologies for Air-craft Component Parts with Thin Walls</i> . 19 th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Next Generation of Intelligent Systems and Solutions", 22-25 th October 2008, Trnava, Slovakia, ISBN: 978-3-901509-68-1. Published in <i>Annals of DAAM</i> , pag. 189-190, ISSN: 1726-9679. WOS: 000262860100094, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=47&cacheurlFromRightClick=no	4	0	6.25
39.	Calbureanu, M., Malciu, R., Lungu, M., Calbureanu, D. <i>Aspects about the influence of the lubricant from a rectilinear pair above the work accuracy of the elastic elements from the high precision mechanisms</i> , 12th WSEAS Int. Conf. on Engineering Mechanics, Structures, Engineering Geology (EMESEG '08), Heraklion, Crete Island, Greece, July 22-24, 2008, ISBN: 978-960-6766-88-6. New Aspects of Engineering Mechanics, Structures, Engineering Geology, ISSN: 1790-2769, pag. 209-214. WOS: 000259996300027, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=96&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1	4	0	6.25
40.	Lungu, M., Lungu, R., Jula, N., Calbureanu M., Cepisca, C., <i>Optimal Commnad of Aircrafts' Move Using a Reduced Order Observer</i> . 9th WSEAS Int. Conf. on Automation & Information (ICAI'08), ISBN: 978-960-6766-77-0, Bucharest, Romania, June 24-26, 2008. Proceedings of The 9th WSEAS International Conference on Automation and Information, ISSN: 1790-5117, pag. 332-337, 2008. WOS: 000258497000055, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=DaisyOneClickSearch&qid=130&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=2	5	0	5
41.	Lungu, M., Lungu, R., Jula, N., Cepisca, C., Calbureanu M. <i>Synthesis Algorithm of the Optimal Control Law for Flying Objects' Longitudinal Move</i> . 9th WSEAS Int. Conf. on Automation & Information (ICAI'08), ISBN: 978-960-6766-77-0, Bucharest, Romania, June 24-26, 2008. Proceedings of The 9th WSEAS International Conference on Automation and Information, ISSN: 1790-5117, pag. 326-332, 2008. WOS: 000258497000054, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=126&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=35&cacheurlFromRightClick=no	5	0	5
42.	Corcau, J., Stoenescu, E., Lungu, M. <i>Comparative analysis of classical and fuzzy PI algorithms</i> . 7th WSEAS Int. Conf. on Artificial Intelligence, Knowledge Engineering and Data Bases (AIKED'08), ISBN: 978-960-6766-41-1, University of Cambridge, UK, Feb 20-22, 2008, Proceedings of the 7th WSEAS Int. Conf. on Artificial Intelligence, Knowledge Engineering and Data Bases, ISSN: 1790-5109, pag. 189-192, 2008. WOS: 000257462700026, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=126&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=35&cacheurlFromRightClick=no	3	0	8.33

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Nr.crt	Descriere (cu link)	Nr. Aut.	Fact.imp.	Puncte
	d=134&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1			
43.	Lungu, R., Lungu, M., Jula, N., Cepisca, C. <i>Stabilization Models and Structures for Move of very Maneuverable Flying Objects</i> . The 6 th WSEAS International Conference on System Science and Simulation in Engineering (ICOSSE '07), ISBN: 978-960-6766-18-3, Venice, Italy, November 21-23, 2007. Proceedings of the 6th WSEAS International Conference on System Science And Simulation In Engineering (ICOSSE '07): System Science and Simulation in Engineering, ISSN: 1790-5117, pag. 135-138. WOS: 000254162400019, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=134&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no	4	0	6.25
44.	Lungu, R., Lungu, M., Jula, N., Cepisca, C. <i>Command Laws for Rockets' Motion Stabilisation</i> . The 6 th WSEAS International Conference on System Science and Simulation in Engineering (ICOSSE '07), ISBN: 978-960-6766-18-3, Venice, Italy, November 21-23, 2007. Proceedings of the 6th WSEAS International Conference on System Science And Simulation In Engineering (ICOSSE '07): System Science and Simulation in Engineering, ISSN: 1790-5117, pag. 159-162, 2007. WOS: 000254162400023, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=138&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no	4	0	6.25
45.	Lungu, R., Lungu, M., Jula, N., Cepisca, C. <i>Neuro-adaptive optimal control system for aircrafts</i> . The 3-rd WSEAS International Conference on Dynamical Systems and Control' 07. Arcachon, France, 13-15 oct. 2007, ISBN: 978-960-6766-10-7. Mathematical Methods and Computational Techniques in Research and Education, ISSN: 1790-5117, pag. 298-301, 2007. WOS: 000254019000053, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=142&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=2&cacheurlFromRightClick=no	4	0	6.25
46.	Lungu, R., Lungu, M., Jula, N., Cepisca, C. <i>Models identification and adaptive control of the flying objects using neural networks</i> . The 3-rd WSEAS International Conference on Dynamical Systems and Control' 07. Arcachon, France, 13-15 oct. 2007, ISBN: 978-960-6766-10-7. Mathematical Methods and Computational Techniques in Research and Education, ISSN: 1790-5117, pag. 302-306., 2007. WOS: 000254019000054, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=146&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no	4	0	6.25
47.	Lungu, R., Lungu, M., Jula, N., Cepisca, C. <i>Identification of Dynamic Non-Linear Models of Aircrafts with Big Incidence Angles</i> . 7th WSEAS International Conference on Systems Theory and Scientific Computation (ISTASC'07), Vouliagmeni Beach, Athens, Greece, August 24-26, 2007, ISBN: 978-960-6766-01-5. Proceedings of the 7th WSEAS International Conference on Systems Theory and Scientific Computation, ISSN: 1790-5117, pag. 239-243, 2007. WOS: 000257305100042, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=150&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no	4	0	6.25
48.	Lungu, R., Lungu, M., Tudosie, Al. <i>Discrete Command Law of the Longitudinal Movement of the Aircrafts</i> . Conference on Military Technologies 2007, ICMT'07, Brno, Czech Republic, 2-4 May 2007, ISBN: 978-80-7231-238-2. Proceedings of the Conference on Military Technologies, pag. 324-329, 2007. WOS: 000263292800047, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=154&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=2&cacheurlFromRightClick=no	3	0	8.33
49.	Lungu, R., Lungu, M., Corcau, J. <i>Aircrafts Movement Models Identification</i>	3	0	8.33

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Nr.crt	Descriere (cu link)	Nr. Aut.	Fact.imp.	Puncte
	<p><i>Using Neuronal Networks</i>. Conference on Military Technologies 2007, ICMT'07, Brno, Czech Republic, 2–4 May 2007, ISBN: 978-80-7231-238-2. Proceedings of the Conference on Military Technologies, pag. 330-335, 2007. WOS: 000263292800048, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=158&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1</p>			
50.	<p>Sepcu, L., Lungu, R., Lungu, M., <i>Optimal Control of MAVs' Gliding Motion – Part 1: Theoretical Background</i>. Proceedings of the International Conference on Electronics, Computers and Artificial Intelligence (ECAI - 2013), Pitesti, Romania, 27-29 iunie 2013, pag. 1-6, ISBN: 978-1-4673-4935-2. WOS: 000343672500031, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=161&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=2&cacheurlFromRightClick=no</p>	3	0	8.33
51.	<p>Sepcu, L., Lungu, R., Lungu, M., <i>Optimal Control of MAVs' Gliding Motion – Part 2: Controller Design and Validation</i>. Proceedings of the International Conference on Electronics, Computers and Artificial Intelligence (ECAI - 2013), Pitesti, Romania, 27-29 iunie 2013, pag. 7-12, ISBN: 978-1-4673-4935-2. WOS: 000343672500032, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=161&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no</p>	3	0	8.33
52.	<p>Lungu, R., Lungu, M., Ioan, M., <i>Determination and Control of the Satellites' Attitude by using a Pyramidal Configuration of Four Control Moment Gyros</i>. Proceedings of the 12th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2015), Colmar, Franta, 21-23 Iulie 2015, pag. 448-456, ISBN:978-9-8975-8149-6. WOS: 000381618600060, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=166&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no</p>	3	0	8.33
53.	<p>Buciu, G., Tarnita, D.N., Popa, D.L., Lungu, M., Miritoiu, C., Ungureanu, A. <i>Virtual and Experimental Studies about Human Walking. Virtual Lower Leg Environment. Innovative Design of Tibia Nail</i>. Applied Mechanics and Materials - Engineering Solutions and Technologies in Manufacturing, vol. 657, 2014, pag. 770-774, ISSN: 1660-9336. Innovative Manufacturing Engineering Conference (IManE), Chisinau, Moldova, MAY 29-30, 2014, ISBN:978-3-03835-275-4. WOS: 000348898000151, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=170&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no</p>	6	0	4.16
54.	<p>Lungu, M., Lungu, R., Grigorie, L., Preotu, O. <i>The Influence of Atmospheric Turbulences on Aircraft Landing Process</i>. International Conference on Applied and Theoretical Electricity – ICATE 2016, Craiova, Romania, Oct 06-08, 2016, ISBN:978-1-4673-8562-6. Analele Universitatii din Craiova, Seria Inginerie Electrica, ISSN: 2376-4163, 5 pag. WOS: 000390767500082, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=174&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no</p>	4	0	6.25
55.	<p>Lungu, M., Lungu, R., Preotu, O. <i>Estimation of Aircraft State during Landing by means of Multiple Observers</i>. Proceedings of the 23th International Conference on Systems, Signals and Image Processing (IWSSIP 2016), 23-25 May 2016, Bratislava, Slovakia, ISBN:978-1-4673-9555-7, pag. 299-302, ISSN: 2157-8672, 2016. WOS: 000389830400066, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=178&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=1&cacheurlFromRightClick=no</p>	3	0	8.33

Semnătura _____

Nr.crt	Descriere (cu link)	Nr. Aut.	Fact.imp.	Puncte
56.	Lungu, M., Lungu, R., Tutunea, D. <i>Control of Aircraft Landing using the Dynamic Inversion and the H-inf Control</i> . Proceedings of the 17th International Carpathian Control Conference (ICCC 2016), Tatranská Lomnica, Slovak Republic, May 29 - June 1, 2016, ISBN:978-1-4673-8606-7, pag. 461-466. WOS: 000389829000087, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=6&cacheurlFromRi ghtClick=no	3	0	8.33
57.	Lungu, M., Lungu, R., Mihai, I. <i>Automatic Control of the Satellites' Attitude and Stored Energy using Inertial Wheels</i> . Proceedings of the 17th International Carpathian Control Conference (ICCC 2016), Tatranská Lomnica, Slovak Republic, May 29 - June 1, 2016, ISBN:978-1-4673-8606-7, pag. 455-460. WOS: 000389829000086, Document Type: Proceedings Paper. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=2Ba4P9oVGNpnJsy1eAD&page=1&doc=5&cacheurlFromRi ghtClick=no	3	0	8.33
58.	Preotu, O., Dumitrache, A., Lungu, M.. <i>Aerohydrodynamic body with low resistance and enhanced Coanda effect, meant for air vehicles, marine and riverships achieving low rezistance to motion</i> . Patent number: RO126028-A0, 2010.	3	0	8.33
			Total	723.21

2.2 Articole în reviste si volume ale unor manifestări științifice, indexate în alte baze de date internaționale

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
1.	Lungu, M. <i>Rockets' stabilization control systems using differentiator or integrator gyroscopes</i> . Proceedings of the 10 th International Conference on applied and Theoretical Electricity ICATE 2010, Craiova, 8-9 October, 2010. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, no. 34, pag. 255-260. ISSN: 1842-4805. http://journals.indexcopernicus.com/issue.php?id=2823&id_issue=846408	Copernicus	1	20
2.	Lungu R., Lungu, M. <i>The study of the automatic system for the sealed cockpits airflow regulation using indirectly action airflow regulators</i> . Proceedings of the 10 th International Conference on applied and Theoretical Electricity ICATE 2010, Craiova, 8-9 October, 2010. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, no. 34, pag. 261-266. ISSN: 1842-4805. http://journals.indexcopernicus.com/issue.php?id=2823&id_issue=846408	Copernicus	2	10
3.	Grigorie, L., Lungu, M., Edu, I., Obreja, R. <i>Concepts for error modeling of miniature accelerometers used in inertial navigation systems</i> . Proceedings of the 10 th International Conference on applied and Theoretical Electricity ICATE 2010, Craiova, 8-9 October, 2010. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, no. 34, pag. 212-219. ISSN: 1842-4805. http://journals.indexcopernicus.com/issue.php?id=2823&id_issue=846408	Copernicus	4	5
4.	Lungu, M., Lungu, R., Grigorie L., <i>Automat Control of the Aircrafts' Lateral Movement using the Dynamic Inversion</i> . International Conference on Mechanical, Industrial and Aerospace Engineering (ICMIAE 2011), July 27 – 29, Paris, France, World Academy of Science, Engineering and Technology, Issue 79, Year 7, pag. 381-388, ISSN: 2010-376X. https://www.scopus.com/record/display.uri?eid=2-s2.0-79960794610&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&sot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bcsosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22scoauthid%2c%226602127759%22%2c%22bcscoauthid%2c%2256760055000%22%2c%22bcsosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bcscoauthid%2c%2223470172500%22%2c%22bcsosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bcsosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bcsosubjabbr%2c%22EART%22%2c%22sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&relpos=44&citeCnt=0	Scopus	3	6.66

Semnătura _____

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
5.	Grigorie, T.L., Lungu, M., Edu, I.R., Obreja, R. <i>Miniature Accelerometer Precision Improvement Using Intelligent Control</i> . Proceedings of the 6 th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI 2011), May 19-21, 2011, Timisoara, Romania, ISBN: 978-142449109-4, pag. 421-426, INSPEC Accession Number: 12048146, DOI: 10.1109/SACI.2011.5873040. http://ieeexplore.ieee.org/document/5873040/	IEEE Xplore, Scopus	4	5
6.	Lungu, M., <i>New non-linear adaptive command system for the aircrafts' attitude control</i> . International Journal of Circuits, Systems and Signal Processing - N.A.U.N, Issues 1, Volume 5, 2011, pag. 19-28. ISSN: 1998-4464. https://www.scopus.com/record/display.uri?eid=2-s2.0-80053958353&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOO V48gA%3a540&ot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bcsosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bcsosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bcsosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bcsosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bcsosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOOV48gA%3a540&relpos=40&citeCnt=1	Scopus	1	20
7.	Lungu, M., Lungu, R., Sepcu, L., Calbureanu, M. <i>Automatic control system of the aircraft yaw's angle using a proportional – integrator – derivative control law</i> . Annals of DAAM & The 21 th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Interdisciplinary Solutions", 20-23 October 2010, Zadar, Croatia, ISSN: 1726-9679. ISBN: 978-3-901509-73-5, pag. 83-84. https://www.scopus.com/record/display.uri?eid=2-s2.0-84904409560&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOO V48gA%3a540&ot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bcsosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bcsosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bcsosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bcsosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bcsosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOOV48gA%3a540&relpos=51&citeCnt=0	Scopus	4	5
8.	Lungu, M., <i>The stabilization and identification of the rockets' movement in vertical plane</i> . International Journal of Circuits, Systems and Signal Processing, vol. 5, nr. 1, 2011, pag. 9-18. ISSN: 1998-4464. https://www.scopus.com/record/display.uri?eid=2-s2.0-80053978888&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOO V48gA%3a540&ot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bcsosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bcsosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bcsosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bcsosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bcsosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOOV48gA%3a540&relpos=41&citeCnt=0	Scopus	1	20
9.	Lungu, M., Lungu, R., Calbureanu, M., Sepcu, L. <i>Static system for the automatic control of the aircraft yaw's angle with proportional – derivative control law</i> . Annals of DAAM & The 21 th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Interdisciplinary Solutions", 20-23 October 2010, Zadar, Croatia, ISSN: 1726-9679. ISBN: 978-3-901509-73-5, pag. 81-82. https://www.scopus.com/record/display.uri?eid=2-s2.0-84904429590&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOO V48gA%3a540&ot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bcsosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bcsosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bcsosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bcsosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bcsosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOOV48gA%3a540&relpos=52&citeCnt=0	Scopus	4	5
10.	Calbureanu, M., Malciu, R., Tutunea, D., Ionescu, A., Lungu, M., <i>Finite Element Modeling of a Spark Ignition Engine Piston Head</i> , Proceedings of the 11 th International Conference on Heat Transfer, Thermal Engineering and Environment (HTE'13), Athens, Greece, 14-16 May 2013, ISBN: 978-1-61804-183-8. Recent Advances in Fluid Mechanics and Heat & Mass Transfer, ISSN: 2227-4596, pag. 61-64. https://getinfo.de/app/Finite-Element-Modeling-of-a-Spark-Ignition-Engine/id/BLCP%3ACN084886232	British Library Direct	5	4

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
11.	Lungu, M., <i>The influence of the Wind Shears and Sensor Errors upon Aircrafts Landing Process</i> . WSEAS Transactions on Advances in Engineering Education, Issue 12, Volume 7, December 2010, pag. 381-392, ISSN: 1790-1979. https://www.researchgate.net/publication/268262303_The_Influence_of_the_Wind_Shears_and_Sensor_Errors_upon_Aircrafts_Landing_Process	ResearchGate, ACM Digital Library	1	20
12.	Lungu, M., Mastorakis, N., Grigorie, L. <i>Automat Control of the Flight Altitude Using the Dynamic Inversion and the Influence of Wind Shears and Sensors' Errors on the Aircrafts' Landing Process</i> . 7 th WSEAS International Conference on Dynamical Systems and Control (CONTROL '11), 1-3 July, 2011, Iasi, Romania; vol. Recent Researches in Computational Techniques, Non-linear Systems and Control, ISBN: 978-1-61804-011-4, pag. 97-104, 2011. https://www.researchgate.net/publication/262292019_Automat_control_of_the_flight_altitude_using_the_dynamic_inversion_and_the_influence_of_wind_shears_and_sensors_errors_on_the_aircrafts_landing_process	ResearchGate	3	6.66
13.	Lungu, M., <i>Stabilization and control of a UAV flight attitude angles using the backstepping method</i> , International Conference on Modeling and Simulation (ICMS 2012), January 15-17, 2012, Zurich, Elvetia, International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering Vol. 6, No. 1, 2012, pag. 53-60, ISSN: 2010-376X. http://connection.ebscohost.com/c/articles/88896300/stabilization-control-uav-flight-attitude-angles-using-backstepping-method	EBSCO database	1	20
14.	Grigorie, T.L., Lungu, M., Edu, I.R., Obreja, R. <i>Concepts for error modeling of miniature gyros used in inertial navigation systems</i> . Proceedings of the International Conference on Mechanical Engineering, Robotics and AeroSpace (ICMERA 2010), 2-4 dec. 2010, Bucuresti, Romania, 6 pag. ISBN: 978-1-4244-8867-4. https://www.researchgate.net/publication/267788599_CONCEPTS_FOR_ERROR_MODELING_OF_MINIATURE_ACCELEROMETERS_USED_IN_INERTIAL_NAVIGATION_SYSTEMS	ResearchGate	4	5
15.	Grigorie, L., Lungu, M., Negrea, P., Baziukaite, D. <i>The compensation of the thermocouples cold junction temperature variation errors using a neuro-fuzzy controller</i> . Proceedings of the International Conference on Applied Computer Science (IEEE.AM - ACS), Malta, September 15-17, 2010, pag. 72-77, ISSN: 1792-4863, ISBN: 978-960-474-225-7. https://www.tib.eu/en/search/id/BLCP%3ACN080598486/The-Compensation-of-the-Thermocouples-Cold-Junction/	Electronic Information Centre for Science and Technology University Librarian (EBSCO)	4	5
16.	Lungu, R., Bekiarski, A., Lungu, M., Calbureanu, M. <i>The Use of the Hierarchical Structured Dynamic Inversion to the Aircrafts Lateral Movement</i> . Latest Trends on Systems, vol. 1, pag. 66-71, ISSN: 1792-4235. The 14 th WSEAS International Conference on Systems, Corfu, Greece, July 22-24, 2010. ISBN: 978-960-474-199-1. https://www.scopus.com/record/display.uri?eid=2-s2.0-79958722070&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2cM&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&dot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2ct%2c%22cp%22%2ct%2bscosubjabbr%2c%22ENGI%22%2ct%2c%22COMP%22%2ct%2bscoauthid%2c%226602127759%22%2cf%2bscoauthid%2c%2256760055000%22%2cf%2bscosubjabbr%2c%22PHYS%22%2cf%2c%22MATH%22%2cf%2bscoauthid%2c%2223470172500%22%2cf%2bscosubjabbr%2c%22CHEM%22%2cf%2c%22CENG%22%2cf%2bscosubjabbr%2c%22ENER%22%2cf%2c%22SOC%22%2cf%2bscosubjabbr%2c%22EART%22%2cf&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&relpos=47&citeCnt=0	Scopus	4	5
17.	Lungu, M., <i>Aircrafts' control and command using hierarchical dynamic inversion</i> . WSEAS Transactions on Systems and Control, Issue 10, Volume 5, October 2010, pag. 792-801. ISSN: 1991-8763. http://dl.acm.org/citation.cfm?id=2001238	ACM Digital library	1	20

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
18.	Calbureanu, M., Malciu, R., Lungu, M., Calbureanu, D., <i>The influence of the lubricant from a rectilinear pair above the work accuracy of the elastic elements from the high precision mechanisms</i> . WSEAS Transactions on Applied and Theoretical Mechanics, Issue 5, Volume 3, May 2008, pag. 176-185. https://www.scopus.com/record/display.uri?eid=2-s2.0-78651554964&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOOV48gA%3a540&sot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2ct%2c%22cp%22%2ct%2c%22eng%22%2ct%2c%22comp%22%2ct%2c%22bscoauthid%2c%226602127759%22%2cf%2c%22bscoauthid%2c%2256760055000%22%2cf%2c%22bscosubjabbr%2c%22PHYS%22%2cf%2c%22MATH%22%2cf%2c%22bscoauthid%2c%2223470172500%22%2cf%2c%22bscosubjabbr%2c%22CHEM%22%2cf%2c%22CENG%22%2cf%2c%22bscosubjabbr%2c%22ENER%22%2cf%2c%22SOCI%22%2cf%2c%22bscosubjabbr%2c%22EART%22%2cf&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLOOV48gA%3a540&relpos=60&citeCnt=2	Scopus	4	5
19.	Jula, N., Lungu, M., Ursu, T., Cepisca, C., Racuciu, C., Raducanu, D. <i>Theoretical and Practical Aspects for Study and Optimization of the Aircrafts' Electro Energetic Systems</i> . WSEAS Transactions on Circuits and Systems, Issue 12, Volume 7, Dec. 2008, pag. 999-1008. ISSN: 1109-2734. http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.515.6017	CiteSeer ^x	6	3.33
20.	Grigorie, L., Corcau, J., Lungu, M., Edu, I., Obreja, R., <i>Precision improvement for a tunneling accelerometer by using an intelligent controller to close its loop</i> . Proceedings of the 12th IEEE International Symposium on Computational Intelligence and Informatics (CINTI 2011), 21–22 November, 2011, Budapest, Hungary, ISBN: 978-1-4577-0044-6, pag. 253-258. INSPEC Accession Number: 12442617 , DOI: 10.1109/CINTI.2011.6108509 http://ieeexplore.ieee.org/document/6108509/	IEEE Xplore, Scopus	5	4
21.	Lungu, M, Lungu, R., Jula, N., Calbureanu, M., Cepisca, C., <i>Optimal Control of Flying Objects' Move After Estimated State Vector Using a Reduced Order Observer</i> . WSEAS Transactions on Circuits and Systems, Issue 6, Volume 7, June 2008, pag. 502-511. ISSN: 1109-2734. https://www.researchgate.net/publication/228825194_Optimal_control_of_flying_objects'_move_after_estimated_state_vector_using_a_reduced_order_observer	ResearchGate, CiteSeer ^x	5	4
22.	Lungu, M, Lungu, R., Jula, N., Cepisca, C., Calbureanu, M. <i>Aspects Regarding a New Method for the Optimal Law's Synthesis of Aircrafts' Move</i> . WSEAS Transactions on Circuits AND Systems, Issue 6, Volume 7, June 2008, pag. 492-501. ISSN: 1109-2734. http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.502.7906&rank=6	CiteSeer ^x	5	4
23.	Lungu, R, Lungu, M., Jula, N., Cepisca, C. <i>Systems for Move Stabilisation and for Aircrafts and Rockets Flight Optimization</i> . WSEAS Transactions on Circuits and Systems, Issue 7, Volume 7, July 2008, pag. 678-687. ISSN: 1109-2734. http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.588.9846&rank=3	CiteSeer ^x	4	5
24.	Lungu, M, Lungu, R., Jula, N., Cepisca, C. <i>Neuro-Adaptive Command Systems very maneuverable flying objects</i> . WSEAS Transactions on Circuits and Systems, Issue 7, Volume 7, July 2008, pag. 668-677. ISSN: 1109-2734. http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.557.3549&rank=4	CiteSeer ^x	4	5
25.	Calbureanu, M., Malciu, R., Tutunea, D., Lungu, M., <i>The finite element analysis of the thermal stress distribution of a piston head</i> . International Journal of Mechanics, vol. 7, nr. 4, 2013, pag. 467-474, ISSN: 1998-4448. https://www.researchgate.net/publication/286975315_The_finite_element_analysis_of_the_thermal_stress_distribution_of_a_piston_head	ResearchGate	4	5
26.	Tutunea, D., Calbureanu, M., Lungu, M., <i>The computational fluid dynamics (CFD) study of fluid dynamics performances of a resistance muffler</i> . International Journal of Mechanics, ISSN: 1998-4448, Issue 4, Volume 7, 2013, pag. 401-408. https://www.researchgate.net/publication/290253545_The_computational_fluid_dynamics_CFD_study_of_fluid_dynamics_performances_of_a_resistance_muffler	ResearchGate	3	6.66

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
27.	Lungu, R., Lungu, M. <i>Neuro – adaptive command systems for rockets' move</i> . 9 th International Conference on Applied and Theoretical Electricity ICATE 2008, Craiova, 9-11 October, 2008. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, no. 32, pag. 261-266, ISSN: 1842-4805. https://www.researchgate.net/publication/255659349_NEURO_-_ADAPTIVE_COMMAND_SYSTEMS_FOR_ROCKETS%27_MOVE	ResearchGate	2	10
28.	Lungu, R., Lungu, M. <i>Extremal System for Rockets' Guidance</i> . Proceedings of the XV-th International Symposium on Electrical Apparatus and Technologies, 31 May – 1 June 2007, Plovdiv, Bulgaria, vol. 2, pag. 63-68, ISBN: 978-954-9726-01-5. https://www.scopus.com/record/display.uri?eid=2-s2.0-59549101150&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&sot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bscosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bscosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bscosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bscosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bscosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&relpos=62&citeCnt=1	Scopus	2	10
29.	Lungu, R., Lungu, M. <i>Neural Networks' Use for Off-line Identification of Flying Objects' Models Identification</i> . Proceedings of the XV-th International Symposium on Electrical Apparatus and Technologies, 31 May - 1 June 2007, Plovdiv, Bulgaria, vol. 2, pag. 57-62, ISBN: 978-954-9726-01-5. https://www.scopus.com/record/display.uri?eid=2-s2.0-84866334368&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&sot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bscosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bscosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bscosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bscosubjabbr%2c%22ENER%22%2c%22SOCI%22%2c%22bscosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&relpos=63&citeCnt=0	Scopus	2	10
30.	Grigorie, L., Lungu, M., Edu, R.I., Obreja, R. <i>A tool for the aircrafts attitude determination</i> . Conferinta internationala NAV-MAR-EDU 2011, Constanta, 11-13 November 2011. Lucrare publicata in “Buletinul Stiintific al Academiei Navale”, pag. 118-125, ISSN 1454-864. http://citeweb.info/20111317901	citation database	4	5
31.	Preotu, O., Dumitrache, Al., Lungu, M. <i>Common aspects and differences in the behavior of classical configuration versus canard configuration aircraft in the presence of vertical gusts, assuming the hypothesis of an elastic fuselage</i> . International Conference of Aerospace Sciences “AEROSPATIAL 2010”, Sectiunea 2, Bucharest 20-21 October, 2010, ISSN 2067-8622. INCAS Bulletin, vol. 3, Issue 2, 2011, pag. 65-75, ISSN: 2066-8201. http://jml2012.indexcopernicus.com/abstract.php?icid=949939&id_lang=3	Copernicus	3	6.66
32.	Lungu, R., Lungu, M. <i>On – line Parametric Identification and Discrete Optimal Command of Flight Objects</i> . 6 th International Conference on Electromechanical and Power Systems – SIELMEN 2007, Chisinau, Republica Moldova; publicat in Rev. „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 31, 2007, vol.1, pag. 117-119, ISSN: 1842-4805. http://citeseerx.ist.psu.edu/showciting?cid=31488726	CiteSeer ^x	2	10
33.	Lungu, R., Lungu, M. <i>Optimal Control of The Rocket's Lateral Deviation in Rapport with Equal Signal Line</i> . 6 th International Conference on Electromechanical and Power Systems – SIELMEN 2007, Chisinau, Republica Moldova; publicat in Rev. „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 31, 2007, vol.1, pag. 120-123, ISSN: 1842-4805. http://citeseerx.ist.psu.edu/showciting?cid=31654344	CiteSeer ^x	2	10

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
34.	Lungu, M., Lungu, R., Grigorie, L., <i>Aircrafts State Estimation by using an Adaptive Observer for MIMO Linear Time Varying Systems</i> . Proceedings of the IEEE International Conference on High Performance Computing & Simulation (HPCS 2012), July 2-6, 2012, Madrid, Spain, pag. 648-653. INSPEC Accession Number: 12935720, DOI: 10.1109/HPCSim.2012.6266987. http://ieeexplore.ieee.org/document/6266987/	IEEE Xplore, Inspec	3	6.66
35.	Sepcu, L., Negrea, P., Lungu, M., Lungu, R., <i>Controllability and longitudinal movement stability of an insect-type micro air vehicle</i> . Scientific Bulletin – University Politehnica Bucharest, Series D: Mechanical Engineering, vol. 77, nr. 2, 2015, pag. 59-70. https://www.scopus.com/record/display.uri?eid=2-s2.0-84944721326&origin=resultslist&sort=plf-f&src=s&st1=Lungu%2c+M&nlo=&nlr=&nls=&sid=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&sot=b&sdt=cl&cluster=scosubtype%2c%22ar%22%2c%22cp%22%2c%22bscosubjabbr%2c%22ENGI%22%2c%22COMP%22%2c%22bscoauthid%2c%226602127759%22%2c%22bscoauthid%2c%2256760055000%22%2c%22bscosubjabbr%2c%22PHYS%22%2c%22MATH%22%2c%22bscoauthid%2c%2223470172500%22%2c%22bscosubjabbr%2c%22CHEM%22%2c%22CENG%22%2c%22bscosubjabbr%2c%22ENER%22%2c%22SOC%22%2c%22bscosubjabbr%2c%22EART%22%2c&sessionSearchId=291780D9FFAA5FE5E6B8D8A1DB7EB00E.wsnAw8kcdt7IPYLO0V48gA%3a540&relpos=10&citeCnt=0	Scopus	4	5
36.	Lungu, R., Lungu, M., Ioan, M., <i>Nonlinear Automatic Control of the Satellites by using the Quaternion and the Angular Velocities' Vectors</i> . 3rd International Workshop on Numerical Modelling in Aerospace Sciences (NMAS 2015), București, 6-7 Mai 2015. INCAS Bulletin, vol. 7, nr. 2, pag. 93-103, ISSN: 2066-8201. https://www.researchgate.net/publication/279245354_Nonlinear_automatic_control_of_the_satellites_by_using_the_quaternion_and_the_angular_velocities_vectors	ResearchGate	3	6.66
37.	Lungu, M., Lungu, R., Grigorie L., <i>Automatic Command Systems for the Flight Direction Control during the Landing Process</i> . Proceedings of the 3 rd IEEE International Symposium on Logistics and Industrial Informatics (LINDI 2011), August 25-27, Budapest, Hungary, ISBN: 978-145771841-0, Article number: 6031131, DOI: 10.1109/LINDI.2011.6031131, pag. 117-122. http://ieeexplore.ieee.org/document/6031131/	IEEE Xplore, Scopus	3	6.66
38.	Lungu, M., Lungu, R., Mastorakis, N., Fariseu, R. <i>The Stabilization of the Rockets Using a Control System Including a Differentiator Gyroscope, an Accelerometer and a Correction Subsystem</i> . Proceedings of the International Conference of the Institute for Environment, Engineering, Economics and Applied Mathematics (IEEEAM) - Mathematical Models for Engineering Science (MMES'10), 30 nov. – 2 dec. 2010, Puerto De La Cruz, Tenerife, pag. 37-43, ISBN: 978-960-474-252-3, ISSN: 1792-6734. https://www.researchgate.net/publication/262250554_The_stabilization_of_the_rockets_using_a_control_system_including_a_differentiator_gyroscope_an_accelerometer_and_a_correction_subsystem	ResearchGate	4	5
39.	Lungu, R., Lungu, M., Mastorakis, N., Calbureanu, M. <i>Rockets' Stabilization Using a Control System Including an Integrator Gyroscope, an Accelerometer and a Correction Subsystem</i> . Proceedings of the International Conference of the Institute for Environment, Engineering, Economics and Applied Mathematics (IEEEAM) - Mathematical Models for Engineering Science (MMES'10), 30 nov. – 2 dec. 2010, Puerto De La Cruz, Tenerife pag. 44-50, ISBN: 978-960-474-252-3, ISSN: 1792-6734. http://dl.acm.org/citation.cfm?id=1965680	ACM Digital library	4	5
40.	Calbureanu, M., Talu, M., Travieso-Gonzales, C., Talu, St., Lungu, M., Malciu, R. <i>The Finite Element Analysis of Water Vapor Diffusion in a Brick with Vertical Holes</i> . Proceedings of the International Conference of the Institute for Environment, Engineering, Economics and Applied Mathematics (IEEEAM) - Mathematical Models for Engineering Science (MMES'10), 30 nov. – 2 dec. 2010, Puerto De La Cruz, Tenerife, pag. 57-62, ISBN: 978-960-474-252-3, ISSN: 1792-6734. http://dl.acm.org/citation.cfm?id=1965682	ACM Digital library	6	3.33

Nr. crt	Descriere (cu link)	BDI	Nr. Aut.	Puncte
41.	Lungu, R., Lungu, M. <i>Automatic Landing System using Neural Networks and Radio-technical Subsystems</i> . Chinese Journal of Aeronautics, 2017, ISSN: 1000-9361 (ISI Journal), DOI: 10.1016/j.cja.2016.12.019, 13 pag. https://www.researchgate.net/publication/312255546_Automatic_landing_system_using_neural_networks_and_radio-technical_subsystems	ResearchGate, Sciedirect	2	10
42.	Lungu, M., Lungu, R., <i>Landing Auto-pilots for Aircraft Motion in Longitudinal Plane using Adaptive Control Laws Based on Neural Networks and Dynamic Inversion</i> . Asian Journal of Control, vol. 19, nr. 1, 15 pag., 2017, ISSN: 1561-8625 (ISI Journal), DOI: 10.1002/asjc.1380 http://onlinelibrary.wiley.com/doi/10.1002/asjc.1380/abstract	Wiley Online Library	2	10
43.	Lungu, M., Lungu, R. <i>Reduced-Order Multiple Observer for Aircraft State Estimation during Landing</i> . Applied Mechanics and Materials, vol. 841, 2014, pag. 253-259, 2016, DOI:10.4028/www.scientific.net/AMM.841.253, ISSN: 1660-9336. https://www.scientific.net/AMM.841.253	Scientific.Net	2	10
			Total	354.28

2.3. Articole publicate în reviste naționale și volumele unor manifestări științifice naționale și internaționale neindexate

Nr. crt	Descriere	Nr. Aut.	Rev/Proc (R/P)	Puncte
1.	Sepcu, L., Lungu, M., Calbureanu, M., <i>Thermic calculus of aircraft's cabin</i> , Publicat in „Analele Universitatii din Craiova”, Seria Mecanica, nr. 1, 2009, 4 pag. ISSN: 1223-5296.	3	R	1.66
2.	Ciunel, S., Dumitru, N., Tica, B., Popa, D.L., Popa-Mitroi, Gh., Lungu, M., <i>Analysis and dynamic human cranio-cervical complex movements</i> , Proceedings of the 3th International Congress Science and Management of Automotive and Transportation Engineering, 23-26 Octombrie 2014, 6 pag., Craiova, Romania.	6	P	0.83
3.	Lungu, M., Lungu, R., Sepcu, L. <i>Nonlinear Adaptive System for the Automatic Control of Rockets' Motion in Vertical Plane</i> , Proceedings of the International Conference in Military Technology Proceeding, ICMT'13, Brno, 2013, pag. 717-726. ISBN: 978-80-7231-917-6.	3	P	1.66
4.	Lungu, M., Lungu, R., Sepcu, L. <i>Adaptive Observer Based on an Orthogonal Neural Network for the Estimation of the Aircraft's Longitudinal Motion</i> , Proceedings of the International Conference in Military Technology Proceeding, ICMT'13, Brno, 2013, pag. 727-734. ISBN: 978-80-7231-917-6.	3	P	1.66
5.	Grigorie, T.L., Lungu, M., Edu, I.R., Obreja, R. <i>Influences of the Miniaturized Inertial Sensors Errors on the Navigation Solution in a Bidimensional SDINS in Vertical Plane</i> . Proceedings of the 4 th International Conference Computational Mechanics and Virtual Engineering (COMEC 2011), Transilvania University of Brasov, 20 – 22 October 2011, Brasov, Romania, pag. 222-228.	4	P	1.25
6.	Grigorie, T.L., Lungu, M., Edu, I.R., Obreja, R. <i>Analysis of the Miniaturized Inertial Sensors Stochastic Errors with the Allan Variance Method: A Review</i> . Proceedings of the International Conference of Aerospace Sciences “AEROSPATIAL 2010”, Sectiunea 5, 10 pag., Bucharest 20-21 October, 2010, ISSN 2067-8622.	4	P	1.25
7.	Grigorie, T.L., Corcau, J., Lungu, M., Sandu, G.D. <i>Bi-Dimensional Position Detection Using TDOA Estimation through Cross Correlation of the Acoustic Signals. Part 2: Experimental testing and validation</i> . Proceedings of the 2009 IEEE International Conference on ICT and Knowledge Engineering, ISBN: 978-1-4244-4513-4, December 1-2, 2009, Bangkok, Thailand, 5 pag.	4	P	1.25
8.	Lungu, M. <i>Dynamic Process Analysis and Linear Non-dimensional Model's Parameters Estimation of the Longitudinal Move of an Aircraft</i> . Proceedings of the 5 th International Conference on Advanced Engineering Design 11-14 June 2006, Prague, Czech Republic, CD - 5 pag., ISBN: 80-86059-44-8.	1	P	5
9.	Lungu, R., Dinca, L., Lungu, M. <i>Dynamical Errors Calculus of Some Rockets Guidance</i>	3	P	1.66

Semnătura _____

Nr. crt	Descriere	Nr. Aut.	Rev/Proc (R/P)	Puncte
	<i>Systems Using the Direct Method in Three Points.</i> Proceedings of the 3 th International Conference on Advanced Engineering Design, Praga, 1-4 iunie 2003, CD – 6 pag.			
10.	Lungu, R., Tudosie, A., Lungu, M. <i>Flight Optimization System Based on the Fuel Consumption Minimization Criteria.</i> Proceedings of the International "Community Army Technology Environment 2003", 28-30 aprilie 2003, Military Academy in Brno, 6 pag.	3	P	1.66
11.	Lungu, R., Tudosie, A., Lungu, M. <i>Analysis of Non - linear Dynamic Regimes Using Structural Transformation.</i> Proceedings of the Forth International Conference on Modelling and Simulation, 11-13 November 2002, Melbourne – Australia, CD – 5 pag.	3	P	1.66
12.	Lungu, R., Dinca, L., Lungu, M. <i>Calculus Elements for Dimensioning Hydraulic Servo-Amplifiers.</i> Proceedings of the International Congress on "Simulators and Simulations - Powerful Means for Training of Individuals and Crews of Combat Systems", Brno, 9-11 May 2001. Published in Military Academy in Brno Revue, No. 2., 12 pag.	3	P	1.66
13.	Grigorie, L., Lungu, M., Georgescu, A. <i>Aircraft's Attitude Determination using Board Computer and Strap-down Gyros.</i> Proceedings of the 7-th International Conference of Applied and Theoretical Electricity ICATE 2004, Baile Herculane, October 14-15, pag 539-542, ISBN: 973-8043-554-4.	3	P	1.66
14.	Lungu, R., Tudosie, A., Lungu, M. <i>A Possibility of an Airplane's Lateral Movement's Control.</i> Proceedings of the 7-th International Conference of Applied and Theoretical Electricity ICATE 2004, Baile Herculane, October 14-15, pag 552-557.	3	P	1.66
15.	Lungu, R., Corcau, J., Lungu, M. <i>Gyroscopic Stabilization System with Kalman – Bucy State Estimator.</i> Proceedings of the XIII-th International Symposium on Electrical Apparatus and Tehnologies, 29-30 May 2003, Plovdiv, Bulgaria, pag. 129-134.	3	P	1.66
16.	Lungu, R., Tudosie, A., Lungu, M. <i>Jet engine's temperature control unit.</i> Proceedings of the International Conference on Applied and Theoretical Electricity. Craiova/Baile Herculane, October 17-19, 2002, pag 446-448, ISBN: 973-8043-169-9.	3	P	1.66
17.	Lungu, R., Grigorie, L., Lungu, M. <i>Electronic Control System of the Aircraft Control Linkage Ratio.</i> Proceedings of the XII-th International Symposium on Electrical Apparatus and Technologies – SIELA, vol. I, pag. 197-205, Plovdiv, Bulgaria, 31 May – 1 June, 2001.	3	P	1.66
18.	Lungu, R., Lungu M. <i>Extremal Stabilisation Systems for Rockets' Roll Move.</i> Proceedings al Conferintei internationale "Tendinte in dezvoltarea aplicatiilor ciberneticii", Baile Felix, 26-27 noiembrie 2004, CD - 4 pag.	2	P	2.5
19.	Malciu, T., Sepcu L., Lungu M., Malciu R. <i>The use of the four-bar mechanism to the air vehicles' flapping wing.</i> Proceedings of the International Conference of Mechanical Engineering, ICOME 2010, Craiova, 28 - 30 April, 2010, CD – 4 pag.	4	P	1.25
20.	Malciu, T., Malciu R., Calbureanu, M., Lungu M., Sepcu L. <i>Flexible manufacturing approach of a part in an integrated manufacturing environment.</i> Proceedings of the International Conference of Mechanical Engineering, ICOME 2010, Craiova, 28 - 30 April, 2010, CD – 6 pag.	5	P	1
21.	Lungu, M. <i>Calculul vitezelor de apropiere si deviatie de la linia tinte.</i> The Proceedings of the International Symposium on Naval and Marine Education. NAV-MAR-EDU 2001, Section Military Sciences, pag. 113-119, Constanta, May 24 - 26, 2001.	1	P	5
22.	Lungu, M. <i>Sisteme de control a atitudinii avionului in miscarea de tangaj.</i> Sesiunea de comunicari stiintifice "Eficienta si calitate in invatamantul superior", Sibiu, 11 iunie 2004, CD – 8 pag., ISBN: 973-8088-87-9.	1	P	5
23.	Lungu, M. <i>Teoria problemei cuadratice liniare (LQP) si aplicarea ei in cazul miscarii avionului solicitat la incovoiere.</i> Sesiunea de comunicari stiintifice "Eficienta si calitate in invatamantul superior", Sibiu, 11 iunie 2004, CD – 8 pag., ISBN: 973-8088-87-9.	1	P	5
24.	Lungu, R., Constantinache, P., Lungu, M. <i>Analiza stabilitatii si sinteza unui sistem de comanda automata a unghiului de rulu al aeronavelor.</i> Sesiunea jubilara de comunicari stiintifice "130 de ani de invatamant de marina" Academia Navala "Mircea cel Batran", Constanta, 14-16 noiembrie 2002, pag. 145-149.	3	P	1.66
25.	Lungu, R., Lungu, M. <i>Automatic control of the micro aerial vehicles' attitude and position.</i>	2	R	2.5

Semnătura _____

Nr. crt	Descriere	Nr. Aut.	Rev/Proc (R/P)	Puncte
	International Journal of Micro Aerial Vehicles. 13 pag., ISSN: 1756-8293 (ISI Journal). Publicat online. In curs de indexare in ISI Web of Science.			
26.	Grigorie, T.L., Lungu, M., Corcau, J., Edu, I.R., Obreja, R. <i>Miniaturised Strap-Down Gyro Performance Improvement through On-Line Bias Correction over Temperature</i> . Proceedings of the International Conference on Mechanical Engineering, Robotics and AeroSpace (ICMERA 2010), December, 2-4 2010, Bucharest, Romania, CD – 6 pag. ISBN: 978-1-4244-8867-4.	5	P	1
27.	Calbureanu, M., Malciu, R., Alboteanu, E., Ionescu, A., Lungu, M., <i>Processing of the Accelerographic Recording Obtained in Oltenia Region during Strong Vrancea Earthquakes</i> . Proceedings of the 11th International Conference on Heat Transfer, Thermal Engineering and Environment (HTE'13), Athens, Greece, 14-16 May 2013, ISBN: 978-1-61804-183-8. Recent Advances in Fluid Mechanics and Heat & Mass Transfer, ISSN: 2227-4596, pag. 65-70.	5	R	1
28.	Lungu, R, Lungu, M., Dinca, L., Stoenescu, E. <i>On-line Parametric Identification and Discrete Optimal Command of the Flying Objects' Move</i> . International Journal of Circuits, SYSTEMS and Signal Processing - N.A.U.N, Issues 4, Volume 2, 2008, pag. 274-283. ISSN: 1998-4464.	4	R	1.25
29.	Dinca, L., Corcau, J., Lungu, M, Tudosie, A. <i>Mathematical Models and Numerical Simulations for Electro-Hydrostatic Servo-Actuators</i> . International Journal of Circuits, Systems and Signal Processing - N.A.U.N, Issues 4, Volume 2, 2008, pag. 229-238. ISSN: 1998-4464.	4	R	1.25
30.	Tutunea, D., Calbureanu, M., Lungu, M. <i>Computational fluid dynamics analysis of a resistance muffler</i> . 11th International Conference on Heat Transfer, Thermal Engineering and Environment (HTE'13), Athens, Greece, 14-16 May 2013, ISBN: 978-1-61804-183-8. Recent Advances in Fluid Mechanics and Heat & Mass Transfer, ISSN: 2227-4596, pag. 31-34.	3	R	1.66
31.	Calbureanu, M., Malciu, R., Albota, E., Ionescu, A., Lungu, M. <i>Contributions above the Influence of the Strong Vrancea Earthquakes in Oltenia Region by Processing the Seismic Recording During Seismic Motions from 1986 and 1990</i> . International Journal of Geology, ISSN: 1998-4499, 10 pag., 2012.	5	R	1
32.	Lungu, M., Lungu, R., Sepcu, L., <i>Multiple Observer with Application to Aircraft Longitudinal Motion</i> . Proceedings of the 18 th IEEE International Conference on System Theory, Control and Computing, Sinaia, Romania, 17-19 Octombrie, 2014, pag. 749-754, ISBN: 978-1-4799-4602-0.	3	P	1.66
33.	Lungu, M., Lungu, R., <i>State Estimation of the Controlled Generic Reentry Vehicles via Multiple Observer</i> . Proceedings of the 16th International Conference on Mechatronics – Mechatronika 2014, December 3-5, 2014, Brno, Czech Republic, CD – 6 pag.	2	P	2.5
34.	Grigorie, T.L., Lungu, M., Edu, I.R., Obreja, R. <i>Closed loop high-precision accelerometer with smart control</i> . Scientific Bulletin of The "POLITEHNICA" University of Timisoara, Romania, Transactions on Automatic Control and Computer Science, vol. 57, no. 71, 2012, ISSN 1224-600X, 10 pag.	4	R	1.25
35.	Lungu, M. <i>Aircrafts' move stabilization using optimal criteria and linear state observers</i> . 9th International Conference on Applied and Theoretical Electricity ICATE 2008, Craiova, 9-11 October, 2008. Publicat in „Analele Universitatii din Craiova”, Seria Electrica, no. 32, pag. 267-272, 2008, ISSN: 1842-4805.	1	R	5
36.	Sepcu, L., Lungu, M., Malciu, R. <i>Mathematical model of the cabin and the bottom of the coating cabin's heat calculus</i> , Publicat in „Analele Universitatii din Craiova”, Seria Mecanica, nr. 1, 2009, ISSN: 1223-5296	3	R	1.66
37.	Lungu M. <i>Parameters Estimation on the Aircraft's Longitudinal and Lateral Move</i> . 8th International Conference on Applied and Theoretical Electricity ICATE 2006, Baile Herculane, October 26-28, 2006. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 30, pag. 370-376, 2006, ISSN: 1842-4805.	1	R	5
38.	Lungu, M. <i>Automatic control of aircraft landing by using the H2/H∞ control technique</i> . Proceedings of the 36 th IASTED International Conference on Modelling, Identification and	1	P	5

Semnătura _____

Nr. crt	Descriere	Nr. Aut.	Rev/Proc (R/P)	Puncte
	Control (MIC 2017), February 20-21, 2017, Innsbruck, Austria, DOI: 10.2316/P.2017.848-004, pag. 222-229. In curs de indexare in baza de date: ISI Web of Science, Scopus.			
			Total	84.14

2.4 Granturi / proiecte câștigate prin competiție

2.4.1 Director / Responsabil

2.4.1.2 Naționale

Nr.crt	Descriere	Nr.ani	Puncte	Obs.
1.	Arhitecturi moderne pentru controlul aterizării aeronavelor Programul PN II – Tinere Echipe – 2015-2017. Coordonator: Universitatea din Craiova (unic partener). Valoare contract: 521.695.000 RON. Sursa de finanțare: UEFISCDI (Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării). Functia in cadrul contractului: Director de proiect http://www.elth.ucv.ro/~mlungu/ro/TINERE_ECHIPE-48	2	20	Documente doveditoare in dosar
2.	COMISIS - Computational methods in scientific investigation of space Programul de Cercetare-Dezvoltare-Inovare-Tehnologie Spatiale si Cercetare Avansata – STAR în colaborare cu ESA (European Space Agency) – 2013-2016. Coordonator (CO): Universitatea de Vest, Timisoara. Instituții partener: P1) Universitatea din Craiova; P2) Universitatea “Babes-Bolyai” din Cluj-Napoca. Director de proiect: Prof. dr. Vulcanov Dumitru. Valoare contract: 1.000.000 RON. Sursa de finanțare: Ministerul Educației și ESA (European Space Agency). Functia in cadrul contractului: Responsabil (P1 - Universitatea din Craiova) http://www2.rosa.ro/index.php/en/space-strategy/programul-star/proiecte-finantate-prin-competitia-c1-2012/98-cd1/421-computational-methods-in-scientific-investigation-of-space-comisis	3	30	
3.	STS - Sistem de testare suborbitală, dezvoltare infrastructura de lansare, teste in zbor Programul PN II – Parteneriate în domenii prioritare – 2014-2017. Coordonator (CO): Universitatea Politehnica Bucuresti. Partnereri: P1) ELECTROMECHANICA PLO!ESTJ S.A.; P2) Compania Nationala ROMARM S.A. ; P3) Syscom – 18 S.R.L.; P4) GMV INNOVATING SOLUTIONS S.R.L.; P5) Universitatea din Craiova. Valoare contract: 1.743.473 RON. Sursa de finanțare: UEFISCDI (Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării). Functia in cadrul contractului: Responsabil (P5 - Universitatea din Craiova) http://uefiscdi.gov.ro/userfiles/file/PARTENERIATE/Competitie%202013/Proiecte%20Finantate/D8_Spatiu.pdf	3	30	
		Total	80	

2.4.2. Membru în echipă

2.4.2.1 Internaționale

Nr.crt	Descriere	Nr.ani	Puncte	Obs.
1.	Algoritmi si structuri pentru identificarea, estimarea si conducerea zborului aeronavelor si rachetelor Bursa de cercetare postdoctorala din fonduri europene (2010-2013). Cod contract: POSDRU/89/1.5/S/61968. Domeniul major de interventie 1.5 „Programe doctorale si postdoctorale in sprijinul cercetarii”. Coordonator UCV – Craiova. Sursa de finanțare: Contract cofinanțat din Fondul Social European, prin Programul Operational Sectorial Dezvoltarea Resurselor Umane 2007 – 2013. Functia in cadrul contractului: Bursier post-doctorand (Membru in colectivul de cercetare).	3	12	Documente doveditoare in dosar
		Total	12	

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2.4.2.2 Naționale

Nr. crt	Descriere	Nr. ani	Puncte
1.	<p>Sisteme, echipamente, tehnologii si tehnici avansate destinate cresterii gradului de protectie a infrastructurilor si obiectivelor de interes public si privat – AVPROT</p> <p>Program PN-II – Parteneriate in domenii prioritare (2007 - 2010), Nr. 81 – 005/14.09.2007. Domeniu: „Spatiu si securitate”. Coordonator: SEECTRON S.A. Director de proiect: Conf. dr. ing. Adrian Coman – Academia Tehnica Militara, Bucuresti. Valoare contract: 1.319.171 RON. Sursa de finatare: M.E.C.T.S. http://www.cnpm.ro:8083/pncdi2/program4/competitie/main/index.php?&we=26531b94a8aa9ff7df5c5d983a506cd6&wvf=detail&id=1015&wchk=e5d115299d8154722667cc91f636830c</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
2.	<p>Servoactuator hidrostatic pentru aeronave – SAHA</p> <p>Program PN-II – Parteneriate in domenii prioritare (2007 - 2010), Nr. 81 – 036/14.09.2007. Domeniu: „Spatiu si securitate”. Coordonator: INCAS – Bucuresti. Director de proiect: Dr. Ursu Ioan. Valoare contract: 1.163.305 RON. Sursa de finatare: M.E.C.T.S. http://cnmp.ro:8083/pncdi2/program4/competitie/main/index.php?&we=26531b94a8aa9ff7df5c5d983a506cd6&wvf=detail&id=703&wchk=d200fe057ccf71b623f1f02e5ddf6e55</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
3.	<p>Sistem aerian multifunctional cu grad ridicat de autonomie pentru suprave-gherea calitatii mediului - SAMASCAM</p> <p>Program: PN-II – Parteneriate in domenii prioritare (2008 - 2011). Nr. 82-072/12.09.2008. Domeniu „Spatiu si securitate”. Coordonator: Coordonator: Universitatea din Craiova. Director de proiect: Prof. dr. ing. Romulus Lungu. Valoare contract: 2.000.000 RON. Sursa de finatare: M.E.C.T.S. http://www.avionica.elth.ucv.ro/samascam.html</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
4.	<p>Platforma aeriana pentru analiza calitatilor de zbor ale aeronavelor utilizand modele de similitudine si reducere la scara - PLATFUS</p> <p>Program: PN-II – Parteneriate in domenii prioritare (2008-2011). Nr. 82-091/11.09.2008. Domeniu „Spatiu si securitate”, Coordonator: INCAS – Bucuresti. Director de proiect: Dr. ing. Floriean Mihai. Valoare contract: 2.000.000 RON. Sursa de finatare: M.E.C.T.S. http://www.incas.ro/index.php?option=com_content&view=article&id=177&Itemid=69</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
5.	<p>Cercetari privind amplificarea efectului Coanda</p> <p>Program PN II - IDEI (2008-2011). Nr. 712/19.01.2009. Coordonator: Universitatea din Craiova (Unic partener). Director de proiect: Conf. dr. ing. Preotu Octavian. Valoare contract: 299.952 RON. Sursa de finatare: M.E.C.T.S. http://www.elth.ucv.ro/aec/ro/index.html</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
6.	<p>Navigatori inertiali strap-down de inalta precizie, bazati pe conectarea si inte-grarea adaptiva a nano si micro senzoriali in retele low-cost, cu grad ridicat de redundanta</p> <p>Program PN II – Resurse Umane (2010-2013) - Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente (TE). Coordonator: Universitatea din Craiova (Unic partener). Director de proiect: Conf. dr. ing. Grigorie Lucian Teodor. Valoare contract: 727.725 RON. Sursa de finatare: M.E.C.T.S. http://www.elth.ucv.ro/~lgrigore/index.html</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
7.	<p>High-precision micro and nano smart sensors for space inertial navigation applications</p> <p>Programul de Cercetare - Dezvoltare - Inovare - Tehnologie Spatiale si Cercetare Avansata – STAR în colaborare cu ESA (European Space Agency) – 2012-2015. Coordonator: Universitatea din Craiova (Unic partener). Director de proiect: Conf. dr. ing. Grigorie Lucian. Sursa de finatare: Ministerul Educatiei și ESA. http://www.rosa.ro/index.php/ro/strategie-spatiala/programul-star/proiecte-finantate-prin-competitia-c1-2012/98-cd1/372-high-precision-micro-and-nano-smart-sensors-for-space-inertial-navigation-applications-smartsense</p> <p>Funcția in cadrul contractului: Membru in colectivul de cercetare</p>	3	6
8.	<p>Sisteme integrate de navigatie INS/GPS de inalta precizie si cost redus, bazate pe algoritmi</p>	2	4

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Nr. crt	Descriere	Nr. ani	Puncte
	<p>inteligenti de fuziune a datelor Programul PN II – Tinere Echipe – 2015-2017. Coordonator: Universitatea din Craiova (Unic partener). Director de proiect: Conf. dr. ing. Grigorie Lucian. Valoare contract: 550.000.000 RON. Sursa de finantare: UEFISCDI (Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării). http://uefiscdi.gov.ro/userfiles/file/PN%20II_RU_TE%202014/CV%20%20TE%202014.pdf Funcția în cadrul contractului: Membru în colectivul de cercetare</p>		
9.	<p>Demonstrator for direct Coanda effect amplification Program: PN III – Proiecte Experimental Demonstrative (2017-2018). Coordonator: Universitatea din Craiova (Unic partener). Director de proiect: Conf. dr. ing. Preotu Octavian. Valoare contract: 600.000 Ron. Sursa de finantare: UEFISCDI (Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării). http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P2_Cresterea%20competitivitatii%20economiei%20romanesti/Pachet%20de%20informatii%20PED/Lista_finala_depunere_PED.pdf Funcția în cadrul contractului: Membru în colectivul de cercetare</p>	1.5	3
		Total	49

2.5. Proiecte de cercetare/consultanță cu mediul economic

2.5.2. Membru în echipă (Internaționale/Naționale)

Nr.crt	Descriere	Nr.ani	Puncte
1.	<p>Studiul eficienței unui sistem de climatizare - presurizare Nr. 27C/11.04.2005. Beneficiar: S.C. AGEX GENERAL IMPEX, Bucuresti. Perioada de implemnetare: 05.04.2005-05.12.2005. Director: Conf. Dr. Ing. Alexandru Tudosie (Universitatea din Craiova). Funcția în cadrul contractului: Membru în colectivul de cercetare</p>	0.66	1.33
2.	<p>Model biomecanic virtual inovativ pentru testarea comportamentului cinematic și dinamic al sistemului osos uman în situații normale accidentale sau patologice Competiția de granturi la nivelul Universității din Craiova – proiecte interdisciplinare, 2013-2014. Valoare contract: 24000 RON. Director proiect: Conf. dr. ing. Popa Dragoș Laurențiu http://www.ucv.ro/pdf/cercetare/informatii_utile/granturi_interdisciplinare_finantate.pdf Funcția în cadrul contractului: Membru în colectivul de cercetare</p>	1	2
3.	<p>Cercetări privind îmbunătățirea biofidelității manechinelor de testare a acciden-telor rutiere, de optimizare a elementelor și dispozitivelor prin implementarea materialelor noi, inteligente Competiția de granturi la nivelul Universității din Craiova – proiecte de cercetare avansată, 2013-2014. Valoare contract: 12000 RON. Director proiect: S.I. dr. ing. Ciunel Ștefăniță http://www.ucv.ro/pdf/cercetare/informatii_utile/granturi_cercetare.pdf Funcția în cadrul contractului: Membru în colectivul de cercetare</p>	1	2
		Total	5.33

Semnătura _____

3. Recunoașterea și impactul activității (A3)

3.1 Citări în reviste ISI și BDI

3.1.1 ISI

Nr.crt	Descriere: art. citat (cu link)/art. care citeaza	Nr. Aut. Art. Citat	Puncte
Lungu, M., Lungu, R., <i>Full-Order Observer Design for Linear Systems with Unknown Inputs</i> . International Journal of Control, vol. 85, nr. 10, 2012, pag. 1602-1615, ISSN: 0020-7179. WOS: 000308300800018, Document Type: Article (ISI Journal).			
1.	Fernando, T., MacDougall, S., Sreeram, V., Trinh, H., <i>Existence conditions for unknown input functional observers</i> . International Journal of Control, vol. 86, nr. 1, 2013, pag. 22-28, ISSN: 0020-7179. WOS: 000313778100003, Document Type: Article (ISI Journal)	2	7.5
2.	Nam, P.T., Pathirana, P.N., Trinh, H., <i>Epsilon-bounded state estimation for time-delay systems with bounded Disturbances</i> , International Journal of Control, vol. 87, no. 9, pag. 1747-1756, ISSN: 0020-7179, e-ISSN: 1366-5820. WOS: 000337243300003, Document Type: Article (ISI Journal).	2	7.5
3.	Huang, Y., Cheng, G., <i>A robust composite nonlinear control scheme for servomotor speed regulation</i> . International Journal of Control, vol. 88, nr. 1, 2015, pag. 104-112, ISSN: 0020-7179. WOS: 000346846800010, Document Type: Article (ISI Journal).	2	7.5
4.	Zhao, G., Wang, J., <i>Reset observers for linear time-varying delay systems: Delay-dependent approach</i> . Journal of Franklin Institute, vol. 315, nr. 11, 2014, pag. 5133-5147. WOS: 000345056100010, Document Type: Article (ISI Journal).	2	7.5
5.	Li, F., Zhao, G., Huang, J., <i>Exact State Estimation for Linear Systems with Unbounded Disturbances</i> . Journal of Circuits, Systems, and Signal Processing. Springer, vol. 34, nr. 5, pag. 1519-1533, 2015, ISSN: 0278-081X. WOS: 000353211200007, Document Type: Article (ISI Journal).	2	7.5
6.	Lin, J., Shi, Y., Gao, Z., Ding, J., <i>Functional observer for switched discrete-time singular systems with time delays and unknown inputs</i> . IET Control Theory & Applications, vol. 9, nr. 14, 2015, pag. 2146-2156. WOS: 000360823800011, Document Type: Article (ISI Journal).	2	7.5
7.	Mustafa, A., Munawar, K., Malik, F.M., Malik, M.B., Salman, M., Amin, S., <i>Reduced Order Observer Design with DMPC and LQR for System with Backlash Nonlinearity</i> . Arabian Journal for Science and Engineering, vol. 39, nr. 8, pag. 6521-6530, 2014. WOS: 000339807800055, Document Type: Article (ISI Journal).	2	7.5
8.	Pang, C., <i>Fusion predictors for multi-sensor stochastic uncertain systems with missing measurements and unknown measurement disturbances</i> . IEEE Sensors Journal, vol. 15, nr. 8, pag. 4346-4354, ISSN: 1530-437X, DOI: 10.1109/JSEN.2015.2416511, 2015. WOS: 000357802000025, Document Type: Article (ISI Journal).	2	7.5
Lungu, M., Lungu, R., Stoenescu, E., Grigorie, L. <i>Prediction State Observer for the Longitudinal and Lateral Movements of an Aircraft</i> . Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling And Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, ISBN: 978-960-474-082-6. Electrical and Computer Engineering Series, ISSN: 1790-5117, SSN: 1790-5117, pag. 322-327, 2009. WOS: 000271276800048, Document Type: Proceedings Paper.			
1.	Dinca, L., Corcau, J. <i>A Prototype for Airflow Speed Control in a Subsonic Wind Tunnel</i> . IEEE Aerospace and Electronic Systems Magazine, vol. 29, nr. 2, 2014, pag. 14-21, DOI: 10.1109/MAES.2014.120131, ISSN: 0885-8985. WOS: 000334160000002, Document Type: Article (ISI Journal).	4	3.75
Lungu, M., Lungu, R., Rotaru, C. <i>New Systems for Identification, Estimation and Adaptive Control of the Aircrafts' Movements</i> . Studies in Informatics and Control, vol. 20, nr. 3, 2011, pag. 273-284, ISSN: 1220-1766. WOS: 000299459200008, Document Type: Article (ISI Journal).			
1.	Boushaki, R., Chetate, B., Zamoum, Y. <i>Artificial Neural Network Control of the Recycle Compression System</i> . Studies in Informatics and Control, vol. 23, nr. 1, pag. 65-76, 2014. ISSN 1220-1766. WOS: 000333661500007, Document Type: Article (ISI Journal).	3	5
2.	Vasile, S.L. <i>Query Optimization on Random Databases</i> . Studies in Informatics and Control, vol. 23, nr. 3, pag. 257-264, 2014, ISSN 1220-1766. WOS: 000342712900004, Document Type: Article (ISI Journal).	3	5

Semnătura _____

Nr.crt	Descriere: art. citat (cu link)/art. care citeaza	Nr. Aut. Art. Citat	Puncte
3.	Wang, H., Li, S., Tiran, Y., Aitouche, A. <i>Intelligent Proportional Differential Neural Network Control for Unknown Nonlinear System</i> . Studies in Informatics and Control, vol. 25, nr. 4, 2016, pag. 445-452, ISSN: 1220-1766. WOS: 000391083900005, Document Type: Article (ISI Journal).	3	5
Dinca, L., Corcau, J., Lungu, M., Tudosie, A. <i>Mathematical Models and Numerical Simulations for Electro-Hydrostatic Servo-Actuators</i> . International Journal of Circuits, Systems and Signal Processing - N.A.U.N, Issues 4, Volume 2, 2008, pag. 229-238. ISSN: 1998-4464. Articol neindexat in vreo baza de date.			
1.	Balea, S., Halanay, A., Ursu, I., <i>New results on the problem of the stabilization of equilibria for models of electrohydraulic servoactuators</i> . Discrete and Continuous Dynamical Systems Series S, vol. 6., nr. 6, 2013, pag. 1551-1567. WOS: 000331202200008, Document Type: Article (ISI Journal).	4	3.75
Grigorie, T.L., Botez, R.M., Lungu, M., Edu, I.R., Obreja, R. <i>Micro-electromechanical systems gyro performance improvement through bias correction over temperature using an adaptive neural network-trained fuzzy inference system</i> . Proceedings of the Institution of Mechanical Engineers Part G - Journal of Aerospace engineering, vol. 226, nr. G9, 2012, pag. 1121-1138. WOS: 000307763200006, Document Type: Article (ISI Journal).			
1.	Peng, W., Xiaoping, H., Meiping, W., <i>A hierarchical decision-making scheme for directional matching suitability analysis in geomagnetic aided navigation</i> . Proceedings of the Institution of Mechanical Engineers Part G - Journal of Aerospace engineering, vol. 228, nr. 10, 2013, pag. 1815-1830, DOI: 10.1177/0954410013516433, ISSN: 0954-4100. WOS: 000340131400011, Document Type: Article (ISI Journal).	5	3
Lungu, M., Lungu, R. <i>Adaptive Backstepping Flight Control for a Mini-UAV</i> . International Journal of Adaptive Control and Signal Processing, vol. 27, nr. 8, pag. 635-650, 2013, ISSN: 0890-6327, e-ISSN: 1099-1115. WOS: 000321772800001, Document Type: Article (ISI Journal).			
1.	Wen-Ya Zhou, Kui-Long Yin, Rui Wang, Yue-E Wang <i>Design of Attitude Control System for UAV Based on Feedback Linearization and Adaptive Control</i> . Mathematical Problems in Engineering, ISSN: 1024-123X, DOI: 10.1155/2014/492680, Article Number: 492680, 8 pag., WOS: 000333638700001, Document Type: Article (ISI Journal).	2	7.5
2.	Zhu, Q., Xu, J.X., Yang, S., Hu, G.D., <i>Adaptive backstepping repetitive learning control design for nonlinear discrete-time systems with periodic uncertainties</i> . International Journal of Adaptive Control and Signal Processing, vol. 29, nr. 4, pag. 524-535, 2015, DOI: 10.1002/ACS.2492, ISSN: 0890-6327, e-ISSN: 1099-1115. WOS: 000353032500008, Document Type: Article (ISI Journal).	2	7.5
3.	Zheng, F., Gong, H., Zhen, Z. <i>Adaptive constraint backstepping fault-tolerant control for small carrier-based unmanned aerial vehicle with uncertain parameters</i> . Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, vol. 230, nr. 3, pag. 407-425, 2016, DOI: 10.1177/0954410015592169. WOS: 000370695800001, Document Type: Article (ISI Journal).	2	7.5
4.	Wang, H., Yang, H., Liu, X., Liu, L., Li, S. <i>Direct adaptive neural control of nonlinear strict-feedback systems with unmodeled dynamics using small-gain approach</i> . International Journal of Adaptive Control and Signal Processing, vol. 30, nr. 6, pag. 906-927, 2016, DOI: 10.1002/acs.2650. WOS: 000379962500006, Document Type: Article (ISI Journal).	2	7.5
5.	Diaz, R.S., Garcia, P., Zhong, Q.C., Albertos, P. <i>Robust Control of Quadrotors Based on an Uncertainty and Disturbance Estimator</i> . Journal of Dynamic Systems, Measurement, and Control, vol 138, nr. 7, 8 pag., DOI: 10.1115/1.4033315, ISSN: 0022-0434. WOS: 000379962500006, Document Type: Article (ISI Journal).	2	7.5
Lungu, R., Lungu, M., Grigorie, T.L. <i>ALs with Conventional and Fuzzy Controllers Considering Wind Shears and Gyro Errors</i> . Journal of Aerospace Engineering, vol. 26, no. 4, pag. 794-813, 2013, ISSN: 0893-1321, e-ISSN: 1943-5525. WOS: 000324469100015, Document Type: Article (ISI Journal).			
1.	Chen, F., Wang, Z., Tao, G., Jiang, B., <i>Robust Adaptive Fault-Tolerant Control for Hypersonic Flight Vehicles with Multiple Faults</i> . Journal of Aerospace Engineering, vol. 28, nr. 4, 2014, 12 pag., DOI: 10.1061/(ASCE)AS.1943-5525.0000449, ISSN: 0893-1321. WOS: 000356420000023, Document Type: Article (ISI Journal).	3	5
Lungu, R., Ispas, S., Iancu, M., Lungu, M. <i>Optimal Control of Helicopter Motion</i> . Proceedings of the IEEE 11 th International			

Semnatura _____

Nr.crt	Descriere: art. citat (cu link)/art. care citeaza	Nr. Aut. Art. Citat	Puncte
Conference on Applied and Theoretical Electricity (ICATE 2012), ISBN:978-1-4673-1810-5, Craiova, 25-27 October, 2012. Publicat in „Analele Universitatii din Craiova”, Seria Inginerie Electrica, nr. 36, pag. 449-453. ISSN: 1842-4805. WOS: 000332581900063, Document Type: Proceedings Paper.			
1.	Alvarenga, J., Vitzilaios, N.I., Valavanis, K.P., Rutherford, M.J., <i>Survey of Unmanned Helicopter Model-Based Navigation and Control Techniques</i> . Journal of Intelligent & Robotic Systems, vol. 80, nr. 1, pag. 87-138, 2015, DOI: 10.1007/s10846-014-0143-5, ISSN: 0921-0296. WOS: 000360713900007, Document Type: Article (ISI Journal).	4	3.75
Lungu, R., Lungu, M., <i>Adaptive Control of the Helicopters' Pitch Angle and Velocity</i> . Journal of Aerospace Engineering, vol. 27, nr. 5, 12 pag., 2014, ISSN: 0893-1321, e-ISSN: 1943-5525. WOS: 000344640700003, Document Type: Article (ISI Journal)			
1.	Liang, X., Hou, M., Duan, G., <i>Adaptive Dynamic Surface Control for Integrated Missile Guidance and Autopilot in the Presence of Input Saturation</i> . Journal of Aerospace Engineering, vol. 28, nr. 5, 2014, 10 pag., DOI: 10.1061/(ASCE)AS.1943-5525.0000458, ISSN: 0893-321. WOS: 000359936100006, Document Type: Article (ISI Journal).	2	7.5
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Lungu, R., Borgazi, Lungu, M., Popa, D., Tutunea, D., Calbureanu, M. <u>New methods for the simulation with finite element of the human elbow</u> . International Conference on Circuits, Systems and Signals (IEEE.AM - CSS), Malta, September 15-17, 2010. ISBN: 978-960-474-226-4, Recent Advances in Circuits, Systems and Signals, pag. 45-50, ISSN: 1792-4324. WOS: 000290360900021, Document Type: Proceedings Paper.			
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1.	Zolotukhin, Y.N., Nesterov, A.A. <i>Aircraft Attitude Control</i> . Optoelectronics, Instrumentation and Data Processing, 2015, Vol. 51, No. 5, pag. 456-461. Indexat in baze de date: SpringerLink, ResearchGate	1	10
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4.	Hu, J., Gu, H. <i>Survey on Flight Control Technology for Large-scale Helicopter</i> . Hindawi International Journal of Aerospace Engineering (open access Journal), ID: 5309403, 14 pag., 2017. Indexat in baze de date: Hindawi database, Google Scholar.	2	5
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Lungu, R., Borgazi, Lungu, M., Popa, D., Tutunea, D., Calbureanu, M. <i>New methods for the simulation with finite element of the human elbow</i> . International Conference on Circuits, Systems and Signals (IEEE.AM - CSS), Malta, September 15-17, 2010. ISBN: 978-960-474-226-4, Recent Advances in Circuits, Systems and Signals, pag. 45-50, ISSN: 1792-4324. WOS: 000290360900021, Document Type: Proceedings Paper.			
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Calbureanu, M., Malciu, R., Tutunea, D., Ionescu, A., Lungu, M., <u><i>The finite element analysis of the thermal stress distribution of a piston head</i></u> . International Journal of Mechanics, vol. 7, nr. 4, 2013, pag. 467-474, ISSN: 1998-4448. Indexat in baze de date: ResearchGate.			
1.	Balakrishnan, S., Prabu, T.S., Natrayan, M. <u><i>Design and Analysis of Partially Ceramic Coated Connecting Rod</i></u> . International Journal of Innovative Research in Science, Engineering and Technology, vol. 5, nr. 4, 2016, pag. 5335-5339, ISSN: 2347-6710. Indexat in baze de date: www.ijirset.com, Google Scholar.	5	2
2.	Nimaje, M.R. G., Bankar, M.V. <u><i>Investigation and analysis the stress distribution of piston on the actual engine</i></u> . International Journal of Research In Science & Engineering, vol. 2, nr. 4, 2016, ISSN: 2394-8280, pag. 71-76. Indexat in baze de date: www.ijirset.com, Google Scholar.	5	2
		Total	141.48

3.2 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și profesor invitat (exclusiv Erasmus)

3.2.1 Internaționale

Nr.crt	Descriere	Puncte
1.	PLENARY SPEAKER , la International Conference on Automatic Control, Modelling and Simulation (ACMOS '09), Istanbul, Turkey, May 30 - June 1, 2009, unde am prezentat in plen lucrarea <u><i>Non-linear Adaptive Controllers with Linear Dynamic Compensator and Neural Network</i></u> .	20
		Total
		20

3.3 Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice / Recenzor

3.3.1 ISI

Nr.crt	Manifestare / publicație (cu link)	Puncte	Obs.
1.	The Aeronautical Journal (ISI Journal), ISSN: 0001-9240 1 articol recenzat (2012)	10	Documente doveditoare pe CD
2.	International Journal of Adaptive Control and Signal Processing (ISI Journal), ISSN: 0890-6327 2 articole recenzate (2012, 2017)	10	
3.	IEEE Transactions on Aerospace and Electronic Systems (ISI Journal), ISSN: 0001-9240 2 articole recenzate (2012, 2013)	10	
4.	Optimal Control Applications & Methods (ISI Journal), ISSN: 1099-1514 2 articole recenzate (2014, 2017)	10	
5.	Journal of Aerospace Engineering (ISI Journal), ISSN: 0893-1321 1 articol recenzat (2014)	10	
6.	Journal of Dynamic Systems, Measurement and Control - Transactions of ASME (ISI Journal), ISSN: 0022-0434 2 articole recenzate (2015, 2016)	10	
7.	Aerospace Science and Technology (ISI Journal), ISSN: 1270-9638 3 articole recenzate (2015, 2015, 2016)	10	
8.	52 nd IEEE Conference on Decision and Control (CDC'13) - ISI indexed International Conference 1 articol recenzat (2013)	10	
9.	Asian Journal of Control (ISI Journal), ISSN: 1561-8625	10	

Semnătura _____

Nr.crt	Manifestare / publicație (cu link)	Puncte	Obs.
	2 articole recenzate (2015, 2016)		
10.	<u>Journal of Process Control (ISI Journal)</u> , ISSN: 0959-1524 1 articol recenzat (2015)	10	
11.	<u>International Journal of Control (ISI Journal)</u> , ISSN: 0020-7179 1 articol recenzat (2016)	10	
12.	<u>Transactions of the Institute of Measurement and Control (ISI Journal)</u> , ISSN: 0142-3312 3 articole recenzate (2016)	10	
13.	<u>16th IEEE International Carpathian Control Conference (ICCC '15) - ISI indexed International Conference</u> 2 articole recenzate (2015, 2016)	10	
14.	<u>IEEE Transactions on Industrial Electronics (ISI Journal)</u> , ISSN : 0278-0046 1 articol recenzat (2016)	10	
15.	<u>20th International Conference on System Theory, Control and Computing (ICSTCC'16) - ISI indexed International Conference</u> 1 articol recenzat (2016)	10	
16.	<u>20th International Conference on System Theory, Control and Computing (ICSTCC'16) - ISI indexed International Conference</u> Associate Editor	10	
17.	<u>Expert Systems with Applications (ISI Journal)</u> , ISSN : 0957-4174 1 articol recenzat (2016)	10	
18.	Organizator al sesiunii speciale " <u>Systems and equipment for aircraft landing</u> " în cadrul conferinței internaționale " <u>International Conference on Applied and Theoretical Electricity – ICATE 2016</u> " - ISI indexed International Conference.	10	
	Total	180	

3.3.2 BDI

Nr.crt	Manifestare / publicație	Puncte	Obs.
1.	<u>International Journal of Circuits, Systems & Signal Processing</u> , ISSN: 1998-4464. Associate Editor (2011-2014)	1X8=8	Documente doveditoare pe CD
2.	<u>American Journal of Engineering and Applied Sciences</u> , ISSN: 1941-7020. Associate Editor (2015-prezent)	1X8=8	
3.	<u>Oriental Journal of Computer Science and Technology</u> , ISSN: 0974-6471. Associate Editor (2017-prezent)	1X8=8	
4.	<u>17th International Carpathian Control Conference (ICCC 2016)</u> , Tatranská Lomnica, Slovak Republic, May 29 - June 1, 2016 - Chairman	1X8=8	
5.	<u>Chinese Journal of Aeronautics</u> , ISSN:1000-9361 1 articol recenzat (2012)	1X8=8	
6.	<u>Scientific Research and Essays (Impact factor: 0.324)</u> , ISSN:1992-2248 2 articole recenzate (2011)	1X8=8	
7.	<u>Journal of Mechanical Engineering Research (Open access journal)</u> , ISSN:2141-2383 7 articole recenzate (2011)	1X8=8	
8.	<u>Journal of Chemical Engineering and Materials Science (Open access journal)</u> 1 articol recenzat (2011)	1X8=8	
9.	<u>Journal of Computer Science, Informatics, Electrical Engineering (Published by SJI - Scientific Journals International) (Open access journal)</u> , ISSN:1556-6757 4 articole recenzate (2011, 2012)	2X8=16	
10.	<u>WSEAS Transactions on Systems</u> , ISSN: 1109-2777 3 articole recenzate (2011, 2012, 2013)	1X8=8	
11.	<u>International Conference on Automatic Control, Modelling & Simulation (ACMOS'12, ACMOS'13, ACMOS'14)</u> 4 articole recenzate (2012, 2013, 2014)	3X8=24	
12.	<u>Automatic Control, Soft Computing and Human-Machine Interaction (ASME'12)</u> 1 articol recenzat (2012)	1X8=8	
13.	<u>16th WSEAS International Conference on Systems (CSCC'12)</u>	1X8=8	

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Nr. crt	Manifestare / publicație	Puncte	Obs.
	3 articol recenzat (2012)		
14.	3th International Conference on Circuits, Systems, Control, Signals (CSCS'12) 1 articol recenzat (2012)	1X8=8	
15.	European Conference on Control (ECC'12, ECC'13) 2 articole recenzate (2012, 2013)	2x8=16	
16.	WSEAS International Conf. on Circuits, Systems, Electronics, Control & Signal Processing (CSECS'12) 1 articol recenzat (2012)	1X8=8	
17.	12th WSEAS International Conference on Signal Processing, Robotics and Automation (ISPRA'13) 1 articol recenzat (2013)	1X8=8	
18.	9th WSEAS International Conference on Dynamical Systems and Control (CONTROL '13) 2 articole recenzate (2013)	1X8=8	
19.	17th WSEAS International Conference on Systems (CSCC'13) 2 articole recenzate (2013)	1X8=8	
20.	14th WSEAS International Conference on Automation & Information (ICAI'13) 1 articol recenzat (2013)	1X8=8	
21.	2th Intelligent Control, Modelling and Systems Engineering (ICMS '14) 1 articol recenzat (2014)	1X8=8	
22.	WSEAS Transactions on Systems and Control 1 articol recenzat (2015)	1X8=8	
23.	American Journal of Applied Sciences 1 articol recenzat (2015)	1X8=8	
24.	Mathematical, Computational and Statistical Sciences Conference (MCSS '16) 2 articole recenzate (2016)	1X8=8	
25.	16th WSEAS International Conference on Robotics, Control and Manufacturing Technology 1 articol recenzat (2016)	1X8=8	
26.	International Multi-Conference on Systems, Signals and Devices (SSD 2017) 1 articol recenzat (2017)	1X8=8	
	Total	240	

3.3.3 Naționale și internaționale neindexate

Nr.crt	Manifestare / publicație	Puncte
1.	Membru in Comitetul stiintific al „Simpozionului stiintific studentesc in inginerie electrica”, 19-20 Mai 2016, Craiova. http://ie.ucv.ro/images/EU_SITE/Home/cercetare/conferinte/EL_SES/pliant%20fin.3.pdf	5
	Total	5

3.6. Premii

3.6.1 Academia Română

Nr.crt	Premiu	An	Puncte	Obs.
1.	Premiul AUREL VLAICU decernat de ACADEMIA ROMANA in anul 2010 pentru monografia: "Sisteme de conducere a zborului" (autor: Lungu, M.), Editura Sitech, Craiova, 2008, 329 pag. ISBN: 978-973-746-975-5. http://www.academiaromana.ro/premiileAR/liste/2008.pdf	2010	30	Documente doveditoare in dosar
		Total	30	

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3.6.2 Academii de ramură și CNCIS

Nr.crt	Premiu	Organizație	An	Puncte	Obs.
1.	Premiul AGIR decernat de Asociația Generală a Inginerilor din România în anul 2015 pentru monografia „Estimarea stării aparatelor de zbor” (autori: Lungu, M., Lungu, R.), Editura Sitech, Craiova, 2014, 290 pag. ISBN: 978-606-11-3699-5. http://www.agir.ro/univers-ingineresc/numar-19-2015/premiile-agir-pentru-anul-2014-partea-a-ii-a---lucrari-publicate-in-volum_5008.html	Asociația Generală a Inginerilor din România	2015	15	Documente doveditoare în dosar
2.	Premiul AGIR decernat de Asociația Generală a Inginerilor din România în anul 2015 pentru. monografia „Controlul automat al aeronavelor la aterizare” (autori: Lungu, R., Lungu, M.), Editura Sitech, Craiova, 2015, 398 pag. ISBN: 978-606-11-4341-2. http://www.agir.ro/univers-ingineresc/numar-18-2016/ziua-inginerului-roman-premiile-agir-pentru-anul-2015_5383.html	Asociația Generală a Inginerilor din România	2016	15	
			Total	30	

3.6.4 Premii naționale în domeniu

Nr. crt	Premiu	Organizație	An	Puncte
1.	Premiul UEFISCDI/PN II , Program Resurse umane - Competiția “Premierea rezultatelor cercetării” 2012 pentru lucrarea ISI Journal: <i>Full-order observer design for linear systems with unknown inputs (International Journal of Control, vol. 85, nr. 10, 2012, pag. 1602-1615, autori: M. Lungu, R. Lungu)</i> . Cod proiect: PN-II-RU-PRECISI-2012-6-1071. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/articole%202012/SEPTEMBRIE.pdf	UEFISCDI	2012	5
2.	Premiul UEFISCDI/PN II , Program Resurse umane - Competiția “Premierea rezultatelor cercetării” 2013 pentru lucrarea ISI Journal: <i>Automatic Control of Aircraft in Longitudinal Plane During Landing (IEEE Transactions on Aerospace & Electronic Systems, vol. 49, nr. 2, 2013, pag. 1338-1350, autori: R. Lungu, M. Lungu, T.L. Grigorie)</i> . Cod proiect: PN-II-RU-PRECISI-2013-5255. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%204%20REFACUTA%20REZULTATE.pdf	UEFISCDI	2013	5
3.	Premiul UEFISCDI/PN II , Program Resurse umane - Competiția “Premierea rezultatelor cercetării” 2013 pentru lucrarea ISI Journal: <i>ALs with Conventional and Fuzzy Controllers Considering Wind Shears and Gyro Errors (Journal of Aerospace Engineering, vol. 26, nr. 4, 2013, pag. 794-813, autori: R. Lungu, M. Lungu, T.L. Grigorie)</i> . Cod proiect: PN-II-RU-PRECISI-2013-5035. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%204%20REFACUTA%20REZULTATE.pdf	UEFISCDI	2013	5
4.	Premiul UEFISCDI/PN II , Program Resurse umane - Competiția “Premierea rezultatelor cercetării” 2014 pentru lucrarea ISI Journal: <i>Reconfigurable Controller for Active Fault-tolerant Control Systems with Applicability to Flight Control. (Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 15, nr. 2, pag. 191-199, 2014, autori: M. Lungu, R. Lungu)</i> . Cod proiect: PN-II-RU-PRECISI- 2014-8-5487. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/LISTA%202%20REZULTATE%20ARTICOLE%20actualizata.pdf	UEFISCDI	2014	5
5.	Premiul UEFISCDI/PN II , Program Resurse umane - Competiția “Premierea rezultatelor cercetării” 2015 pentru lucrarea ISI Journal: <i>Adaptive Control of the Helicopters’ Pitch Angle and Velocity (Journal of Aerospace Engineering, vol. 27, no. 5, 12 pag., 2014, autori: R. Lungu, M. Lungu)</i> . Cod proiect: PN-II-RU-PRECISI-2015-11425. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%204%20REFACUTA%20REZULTATE.pdf	UEFISCDI	2015	5

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Nr. crt	Premiu	Organizație	An	Puncte
6.	Premiul UEFISCDI/PN II, Program Resurse umane - Competiția "Premierea rezultatelor cercetării" 2015 pentru lucrarea ISI Journal: <i>Application of H_2/H_∞ and Dynamic Inversion Techniques to Aircraft Landing Control</i> (Aerospace Science and Technology), vol. 46, pp. 146-158, autori: R. Lungu, M. Lungu). Cod proiect: PN-II-RU-PRECISI-2015-14159. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%204%20REFACUTA%20REZULTATE.pdf	UEFISCDI	2015	5
7.	Premiul UEFISCDI/PN II, Program Resurse umane - Competiția "Premierea rezultatelor cercetării" 2015 pentru lucrarea ISI Journal: <i>Application of H_2/H_∞ Technique to Aircraft Landing Control</i> (Asian Journal of Control, vol. 17, no. 6, pp. 2153-2164, 2015, autori: M. Lungu, R. Lungu). Cod proiect: PN-II-RU-PRECISI-2015-14537. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%204%20REFACUTA%20REZULTATE.pdf	UEFISCDI	2015	5
8.	Premiul UEFISCDI/PN II, Program Resurse umane - Competiția "Premierea rezultatelor cercetării" 2016 pentru lucrarea ISI Journal: <i>Control of the Aircraft Lateral-Directional Motion during Landing using the H-inf Control and the Dynamic Inversion</i> (Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 16, nr. 4, pag. 547-555, 2015, autori: R. Lungu, M. Lungu. Cod proiect: PN-III-P1-1.1- PRECISI-2016- 10868. http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P1_Resurse%20Umane/PRECISI_2016/PROCES%20EVALUARE/Rezultate/PRECISI_Rezultate%20eligibilitate_lista%201_actualizare%2028_10_2016.pdf	UEFISCDI	2016	5
9.	Premiul UEFISCDI/PN II, Program Resurse umane - Competiția "Premierea rezultatelor cercetării" 2016 pentru lucrarea ISI Journal: <i>Automatic Control of Aircraft Lateral-directional Motion during Landing using Neural Networks and Radio-technical Subsystems</i> (Neurocomputing Journal, vol. 171, pag. 471-481, 2016, autori: M. Lungu, R. Lungu. Cod proiect: PN-III-P1-1.1- PRECISI-2016- 11336. http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P1_Resurse%20Umane/PRECISI_2016/PROCES%20EVALUARE/Rezultate/PRECISI_2016_Rezultate%20eligibilitate_lista%203_actualizare%2028_10_2016.pdf	UEFISCDI	2016	5
10.	Premiul UEFISCDI/PN II, Program Resurse umane - Competiția "Premierea rezultatelor cercetării" 2016 pentru lucrarea ISI Journal: <i>Adaptive flight control law based on neural networks and dynamic inversion for micro aerial vehicles</i> (Neurocomputing Journal, vol. 199, pag. 40-49, 2016, autori: R. Lungu, M. Lungu. Cod proiect: PN-III-P1-1.1- PRECISI-2016- 11337. http://uefiscdi.gov.ro/userfiles/file/PNCIDI%20III/P1_Resurse%20Umane/PRECISI_2016/PROCES%20EVALUARE/Rezultate/PRECISI_2016_Rezultate%20eligibilitate_lista%203_actualizare%2028_10_2016.pdf	UEFISCDI	2016	5
11.	Medalie de onoare pentru rezultatele deosebite obținute în activitatea de cercetare științifică pe parcursul anului 2014 – Gala excelenței în cercetare , ediția I, Univeristatea din Craiova, 2016.	Universitatea din Craiova	2016	5
			Total	55

3.7.4 Asociații profesionale

3.7.4.1 Internaționale

Nr.crt	Poziție	Organizație	An	Puncte
1.	Membru	Danube Adria Association for Automation & Manufacturing Vienna (DAAAM)	2008, 2010, 2011	10
			Total	10

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3.7.4.2 Naționale

<i>Nr.crt</i>	<i>Poziție</i>	<i>Organizație</i>	<i>An</i>	<i>Puncte</i>
1.	Membru	Societatea Romana de Automatica si Informatica Tehnica	2010-2013	5
2	Membru	Asociatia Generala a Inginerilor din Romania	2011-prezent	5
2.	Membru colaborator	Asociatia „Aripi Romanesti” din 2010	2010-prezent	5
3.	Membru	Asociatia de Aeronautica si Astronautica a Romaniei	2009-prezent	5
			Total	20

3.7.5 Organizații în domeniul educației și cercetării

3.7.5.2 Membru

<i>Nr.crt</i>	<i>Poziție</i>	<i>Organizație</i>	<i>An</i>	<i>Puncte</i>
1.	Membru	Centrul de cercetare științifică „Cercetări în domeniul ingineriei aerospatiale” – CERTES, Universitatea din Craiova.	2001	10
			Total	10

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