

Fisa de verificare a standardelor minimale stabilite prin OM nr. 6129/2016

Candidat

Domeniul

Calculatoare si Tehnologia Informatiei; Ingineria Sistemelor

Nr. Crt	Domeniul activ.	Criteriu	Subcategori	Indicatori (kpi)	Numar	Punctaj	
1	Activitatea didactica si profesionala (A1)	Cărți de autor sau capitole [1] de specialitate la edituri cu ISBN Material didactic/Lucrări didactice publicate la edituri cu ISBN	A1.1.1.	Internationale	50/nr autori sau 100/nr. autori cu condiția[2]	6	143.33
			A1.1.2	Nationale	50/nr autori	0	0.00
			A1.2.1		40/nr autori	1	13.33
Total punctaj A(1)						156.67	
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) [4] Proprietate intelectuală, brevete de invenție, certificate ORDA Director / responsabil Granturi/proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici, în valoare de minimum 10.000 dolari USA echivalent încasați [6]	A2.1		(25+ 30 * factor impact [3]) / nr. de autori	42	762.80
			A2.2		20 / nr. de autori	6	54.00
			A2.3.1	Internationale [5]	35 / nr. de autori	0	0.00
			A2.3.2	nationale	25 / nr. de autori	0	0.00
			A2.4.1.1	Internationale	20 * ani de desfasurare	1	20.00
			A2.4.1.2	nationale	10 * ani de desfasurare	4	55.00
			A2.4.2.1	Internationale	4 * ani de desfasurare	2	20.00
A2.4.2.2	nationale	2 * ani de desfasurare	4	22.00			
Total punctaj A(2)						933.80	
3	Recunoasterea si impactul activitatii (A3)	Citari [7] în carti, reviste și volume ale unor manifestari stiintifice Membru în colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI [9] Membru în colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate BDI [4] Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internationale de prestigiu.	A3.1.1	carti, ISI [8]	8 / nr aut art. citat	50	136.75
			A3.1.2	BDI [4]	4 / nr aut art. citat	17	18.67
			A3.2		Punctaj unic pentru fiecare activitate	2	20.00
			A3.3		Punctaj unic pentru fiecare activitate	0	0.00
			A3.4			0	0.00
Total punctaj A(3)						175.41	

Conditii minimale			
Nr.	Domeniu de activitate (A)	Profesor	Realizat
A1	Activitatea didactica / profesionala (A1)	100	156.67
A2	Activitatea de cercetare (A2)	600	933.80
A3	Recunoasterea impactului activitatii (A3)	150	175.41
Total (A)		850	1265.88
Conditii minimale obligatorii pe subcategorii			
		Profesor	Realizat
A1.1.1.-A1.1.2	Carti si capitole în carti de specialitate	1	6.00
A2.1.	Articole în reviste cotate si în volumele unor manifestari stiintifice indexate ISI proceedings	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[10]	42.00
A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil) sau contracte cu agentii economici în valoare de minim 10.000 de USD sau echivalent incasati	2	5.00
A3.1.1	Numar de citari în carti, reviste și volume ale unor manifestari stiintifice ISI [11]	25	50.00
	Factor de impact ISI cumulat pentru publicatii [12]	10	30.76
	Nr Minim Reviste ISI în zona Q1/Q2	3	3.00

Candidat

Levente Tamas



Data

10.02.2020

Anexa: datele pentru calculul indeplinirii criteriilor

A1.1.1.-A1.1.2. Carti, monografii, capitole ca autor, internationale si nationale

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Nr aut.	Nat/Int.	Punctaj
1	L. Tamas & Z. Szekely	"Feedback Signals Estimation of an Induction Drive with Application to a Small Wind Turbine Generator", chapter printed in "Renewable Energy", ISBN 978-953-7619-X-X	InTech	2009	2	International	25.00
2	L. Tamas, Gh. Lazea, A. Majdik, M. Popa, I. Szoke:	Position Estimation Techniques for Mobile Robots, RoMoCo09, Poznan, Poland, chapter published in Springer Verlag volume LNCIS, ISBN: 978-1-84882-984-8, 2009	Springer, LNCS	2009	5	International	10.00
3	L. Tamas	Sensor Fusion Based Position Estimation for Mobile Robots From multi-sensor data to digital maps, ISBN-10: 9783659305023	Lap Lambert	2012	1	International	50.00
4	Elod Pall, Levente Tamas, Lucian Busoniu	"Vision-Based Quadcopter Navigation in Structured Environments", in Handling Uncertainty and Networked Structure , in Robot Control, Springer 2015, ISBN 978-3-319-26327-4, chapter.	Springer, SSDC	2015	3	International	16.67
5	Robert Frohlich, Levente Tamas, Zoltan Kato	"Homography Estimation Between Omnidirectional Cameras Without Point Correspondences+B29", in Handling Uncertainty and Networked Structure , in Robot Control, Springer 2015, ISBN 978-3-319-26327-4, chapter.	Springer, SSDC	2015	3	International	16.67
6	C. Amandine, Levente Tamas	"Bremen Cog: Three Recording Techniques for One Object" in Digital Techniques for Documenting and Preserving Cultural Heritage, Arc Humanities Press, 2017, ISBN-13: 9781942401346, chapter.	Arc Humanities Press	2017	2	International	25.00
Total							143.33

A1.2.1. Materiale didactice

1	L. Tamas, I. Muntean, E. Pal	Hydraulic and Pneumatic Control Equipments, online: http://rrg.utcluj.ro/eahp/HPCelab.pdf ISBN 978-606-737-031-7	UT Press	2015	3	National	13.3333333333
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Anexa: datele pentru calculul indeplinirii criteriilor

A2.1. Articole in reviste cotate si indexate ISI proceedings

Nr.	Autori	Titlu articol/jurnal	Factor Impact	Nr. Aut	Punctaj	ISI Q
1	Mitrea, Delia; Tamas, Levente	"Manufacturing Execution System Specific Data Analysis-Use Case With a Cobot", 2018, IEEE Access, 2169-3536, 2018, vol 6, Q1 in COMPUTER SCIENCE, INFORMATION SYSTEMS, IF (2018) 4.098	4.098	2	73.97	Q1
2	Tamas, Levente; Goron, Lucian Cosmin	"3D semantic interpretation for robot perception inside office environments", ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE Volume: 32 Pages: 76-87 Published: JUN 2014 0952-1976, Q1 in ENGINEERING, MULTIDISCIPLINARY, IF (2018) 3.526	3.526	2	65.39	Q1
3	Tamas Levente, Mircea Murar	"Smart CPS: vertical integration overview and user story with a cobot", INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING, 0951-192X, Volume: 32 Issue: 4-5 Special Issue: SI Pages: 504-521 Published: MAY 4 2019, Q2 in OPERATIONS RESEARCH & MANAGEMENT SCIENCE, IF(2018) 2.09	2.09	2	43.85	Q2
5	Majdik, Andras L.; Szoke, Istvan; Popa, Mircea; Tamas, Levente; Lazea, Gheorghe	"Mapping Techniques for AMPL, an Autonomous Security Mobile Robot", CONTROL ENGINEERING AND APPLIED INFORMATICS Volume: 13 Issue: 1 Pages: 18-24 Published: MAR 2011, Q4 in AUTOMATION & CONTROL SYSTEMS, IF(2018) 0.583	0.583	5	8.50	Q4
6	Tamas, L.; Popa, M.; Lazea, Gh.; Szoke, I.; Majdik, A.	Lidar and Vision Based People Detection and Tracking, CONTROL ENGINEERING AND APPLIED INFORMATICS Volume: 12 Issue: 2 Pages: 30-35 Published: JUN 2010, Q4 in AUTOMATION & CONTROL SYSTEMS, IF(2018) 0.583	0.583	5	8.50	Q4
Factor impact cumulativ (reviste)			10.88			
Total punctaj A2.1.1					200.21	

A2.1. Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings

Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor Impact	Nr. Aut	Punctaj
1	Mezei, Ady-Daniel; Tamas, Levente; Busoniu, Lucian	"Sorting objects from a conveyor belt using active perception with a POMDP model", Conference: 18th European Control Conference (ECC) Location: Naples, ITALY Date: JUN 25-28, 2019 Sponsor(s): Unv Napoli Federico II; Univ Sannio Benevento 2019 18TH EUROPEAN CONTROL CONFERENCE (ECC) Pages: 2466-2471 Published: 2019	0.25	3	10.83
2	Marton, Lorinc ; Tamas, Levente	"Wireless Data Rate Controller Design for Networked Control Applications", Conference: 26th Mediterranean Conference on Control and Automation (MED) Location: Zadar, CROATIA Date: JUN 19-22, 2018 Sponsor(s): Mediterranean Control Assoc; KoREMA Croatian Soc Communications Comp Electron Measurement & Control; IEEE; IEEE Robot & Automat Soc; IEEE Control Syst Soc 2018 26TH MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION (MED) Book Series: Mediterranean Conference on Control and Automation Pages: 448-453 Published: 2018	0.25	2	16.25
3	Blaga, Andreea ; Tamas, Levente	"Augmented Reality for Digital Manufacturing", Conference: 26th Mediterranean Conference on Control and Automation (MED) Location: Zadar, CROATIA Date: JUN 19-22, 2018 Sponsor(s): Mediterranean Control Assoc; KoREMA Croatian Soc Communications Comp Electron Measurement & Control; IEEE; IEEE Robot & Automat Soc; IEEE Control Syst Soc 2018 26TH MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION (MED) Book Series: Mediterranean Conference on Control and Automation Pages: 173-178 Published: 2018	0.25	2	16.25
4	Fulop, Andrea-Orsolya ; Tamas, Levente	"Lessons Learned from Lightweight CNN Based Object Recognition for Mobile Robots", 2018 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR) Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2018	0.25	2	16.25
5	Frohlich, Robert ; Kato, Zoltan ; Tremeau, Alain; Tamas, Levente; Shabo, Shadi; Waksman, Yon	"Region Based Fusion of 3D and 2D Visual Data for Cultural Heritage Objects", 2016 23RD INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION (ICPR) Book Series: International Conference on Pattern Recognition Pages: 2404-2409 Published: 2016	0.25	6	5.42
6	Pall, Elod ; Tamas, Levente ; Busoniu, Lucian	"Analysis and a home assistance application of online AEMs2 planning", 2016 IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS (IROS 2016) Pages: 5013-5019 Published: 2016	0.25	3	10.83
7	Mezei, Ady-Daniel ; Tamas, Levente	"Active Perception for Object Manipulation", 2016 IEEE 12TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP) Book Series: IEEE International Conference on Intelligent Computer Communication and Processing ICCP Pages: 269-274 Published: 2016	0.25	2	16.25
8	Militaru, Cristian ; Mezei, Ady-Daniel ; Tamas, Levente	"Object Handling in Cluttered Indoor Environment with a Mobile Manipulator", PROCEEDING OF 2016 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR) Book Series: IEEE International Conference on Automation Quality and Testing Robotics Pages: 487-492	0.25	3	10.83
9	Tamas, Levente ; Frohlich, Robert ; Kato, Zoltan	"Relative Pose Estimation and Fusion of Omnidirectional and Lidar Cameras", COMPUTER VISION - ECCV 2014 WORKSHOPS, PT II Book Series: Lecture Notes in Computer Science Volume: 8926 Pages: 640-651 Published: 2015	0.25	3	10.83
10	Kato, Zoltan ; Tamas, Levente	"Relative Pose Estimation and Fusion of 2D Spectral and 3D Lidar Images", COMPUTATIONAL COLOR IMAGING, CCIW 2015 Book Series: Lecture Notes in Computer Science Volume: 9016 Pages: 33-42 Published: 2015	0.25	2	16.25
11	Bulezyuk, Alexander ; Tamas, Levente	"Visual Tracking with a Small Scale Aircraft", 2015 16TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI) Book Series: International Symposium on Computational Intelligence and Informatics Pages: 349-354 Published: 2015	0.25	2	16.25
12	Pall, Elod ; Mathe, Koppany ; Tamas, Levente; Busoniu, Lucian	"Railway Track Following with the AR.Drone Using Vanishing Point Detection", 2014 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2014	0.25	4	8.13
13	Boochs, Frank ; Bentkowska-Kafel, Anna ; Degrigny, Christian; Karaszewski, Maciej; Karmacharya, Ashish; Kato, Zoltan; Piccolo, Marcello; Sitnik, Robert; Tremeau, Alain; Tsiafaki, Despoina; Tamas, Levente	"Colour and Space in Cultural Heritage: Key Questions in 3D Optical Documentation of Material Culture for Conservation, Study and Preservation", DIGITAL HERITAGE: PROGRESS IN CULTURAL HERITAGE: DOCUMENTATION, PRESERVATION, AND PROTECTION Book Series: Lecture Notes in Computer Science Volume: 8740 Pages: 11-24 Published: 2014	0.25	11	2.95
14	Marton, Lorinc ; Szanto, Zoltan ; Vajda, Tamas; Haller, Piroksa; Sandor, Hunor; Szabo, Tamas; Tamas, Levente	"Communication Delay and Jitter Influence on Bilateral Teleoperation", 2014 22ND MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION (MED) Book Series: Mediterranean Conference on Control and Automation Pages: 1171-1176 Published: 2014	0.25	7	4.64
15	Tamas, Levente ; Jensen, Bjoern	"Robustness Analysis of 3D Feature Descriptors for Object Recognition Using a Time-of-Flight Camera", 2014 22ND MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION (MED) Book Series: Mediterranean Conference on Control and Automation Pages: 1020-1025 Published: 2014	0.25	2	16.25

16	Tamas, Levente ; Kato, Zoltan	"Targetless Calibration of a Lidar - Perspective Camera Pair", 2013 IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION WORKSHOPS (ICCVW) Pages: 668-675 Published: 2013	0.25	2	16.25
17	Tamas, Levente ; Lazea, Gheorghe	"3D Non-Contact Building Survey Technique", INTERDISCIPLINARY RESEARCH IN ENGINEERING: STEPS TOWARDS BREAKTHROUGH INNOVATION FOR SUSTAINABLE DEVELOPMENT Book Series: Advanced Engineering Forum Volume: 8-9 Pages: 584-592 Published: 2013	0.25	2	16.25
18	Lucian Cosmin ; Tamas, Levente ; Lazea, Gheorghe	"Classification within Indoor Environments using 3D Perception", 2012 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, THETA 18TH EDITION Book Series: IEEE International Conference on Automation Quality and Testing Robotics Pages: 400-405 Published: 2012	0.25	3	10.83
19	Marcu, C. ; Herle, S. ; Tamas, L. ; Lazea, Gh	"Video based Control of a 6 Degrees-of-Freedom Serial Manipulator", 2012 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, THETA 18TH EDITION Book Series: IEEE International Conference on Automation Quality and Testing Robotics Pages: 417-421 Published: 2012	0.25	4	8.13
20	Majdik, Andras L. ; Tamas, Levente ; Popa, Mircea ; Szoke, Istvan ; Lazea, Gheorghe	"Visual Odometer System to Build Feature Based Maps for Mobile Robot Navigation", 18TH MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION Book Series: Mediterranean Conference on Control and Automation Pages: 1200-1205 Published: 2010	0.25	5	6.50
21	Goron, L. C. ; Tamas, L. ; Reti, I. ; Lazea, G	"3D Laser Scanning System and 3D Segmentation of Urban Scenes", PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3 Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2010	0.25	4	8.13
22	Majdik, A. L. ; Szoke, I. ; Tamas, L. ; Popa, M. ; Lazea, Gh	"Laser and vision based map building techniques for mobile robot navigation", PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3 Book Series: IEEE International Conference on Automation Quality and Testing Robotics Published: 2010	0.25	5	6.50
23	Tamas, Levente ; Lazea, Gheorghe ; Popa, Mircea ; Szoke, Istvan ; Majdik, Andras	"Laser Based Localization Techniques for Indoor Mobile Robots", AT-EQUAL 2009: 2009 ECSIS SYMPOSIUM ON ADVANCED TECHNOLOGIES FOR ENHANCED QUALITY OF LIFE: LAB-RS AND ARTIPED 2009 Pages: 169-170 Published: 2009	0.25	5	6.50
24	M Popa, G Lazea, A Majdik, L Tamas, I Szoke	"An Effective Method for People Detection in Grayscale Image Sequences", 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS Book Series: IEEE International Conference on Intelligent Computer Communication and Processing ICCP Pages: 181-184 Published: 2009	0.25	5	6.50
25	Tamas, Levente ; Popa, Mircea ; Lazea, Gheorghe	"PATTERN RECOGNITION FROM LIDAR FOR DYNAMIC OBJECT DETECTION", Annals Of Daaam For 2009 Book Series: Annals of Daaam and Proceedings Volume: 20 Pages: 549-550 Published: 2009	0.25	3	10.83
26	Majdik, Andras ; Tamas, Levente ; Lazea, Gheorghe	"FAST POINT CLOUD REGISTRATION ALGORITHM TO BUILD 3D MAPS FOR ROBOT NAVIGATION", Annals Of Daaam For 2009 Book Series: Annals of Daaam and Proceedings Volume: 20 Pages: 933-934	0.25	3	10.83
27	Szoke, Istvan ; Lazea, Gheorghe ; Tamas, Levente ; Popa, Mircea ; Majdik, Andras	"Path Planning and Dynamic Objects Detection", ICAR: 2009 14TH INTERNATIONAL CONFERENCE ON ADVANCED ROBOTICS, VOLS 1 AND 2 Pages: 772-777 Published: 2009	0.25	5	6.50
28	Szoke, Istvan ; Lazea, Gheorghe ; Tamas, Levente ; Popa, Mircea ; Majdik, Andras	"PATH PLANNING WITH MARKOVIAN PROCESSES", ICINCO 2009: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INFORMATICS IN CONTROL, AUTOMATION AND ROBOTICS, VOL 2: ROBOTICS AND AUTOMATION Pages: 479-482 Published: 2009	0.25	5	6.50
29	Tamas, Levente ; Lazea, Gheorghe ; Majdik, Andras ; Popa, Mircea ; Szoke, Istvan	"Position Estimation Techniques for Mobile Robots", ROBOT MOTION AND CONTROL 2009 Book Series: Lecture Notes in Control and Information Sciences Volume: 396 Pages: 319-328 Published: 2009	0.25	5	6.50
30	Tamas, L. ; Lazea, Gh. ; Robotin, R. ; Marcu, C. ; Herle, S. ; Szekely, Z	"State estimation based on Kalman filtering techniques in navigation", 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL II, PROCEEDINGS Pages: 147-152 Published: 2008	0.25	6	5.42
31	Herle, S. ; Raica, Paula ; Lazea, Gh. ; Robotin, R. ; Marcu, C. ; Tamas, L	"Classification of surface electromyographic signals for control of upper limb virtual prosthesis using time-domain features", 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL III, PROCEEDINGS Pages: 160-165 Published: 2008	0.25	6	5.42
32	Tamas, L. ; Szekely, Z.	"Modeling and simulation of an induction drive with application to a small wind turbine generator", 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL III, PROCEEDINGS Pages: 429-433 Published: 2008	0.25	2	16.25
33	Marcu, C. ; Lazea, Gh. ; Robotin, R. ; Herle, S. ; Tamas, L	"Industrial robot controller using miniature computers", 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL II, PROCEEDINGS Pages: 341-344 Published: 2008	0.25	5	6.50
34	Lazea, Gh. ; Robotin, R. ; Herle, S. ; Marcu, C. ; Tamas, L	"Mobile robots formation navigation with behavior based algorithms", 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL II, PROCEEDINGS Pages: 388-391 Published: 2008	0.25	5	6.50
35	Tamas, Levente ; Lazea, Gheorghe ; Robotin, Radu ; Marcu, Cosmin ; Majdik, Andra	"MOBILE ROBOT POSITION ESTIMATION BASED ON MULTI SENSOR FUSION", Annals Of Daaam For 2008 & Book Series: Annals of Daaam and Proceedings Pages: 1351-1352 Published: 2008	0.25	5	6.50
36	Tamas, Levente ; Nascu, Ioan ; De Keyser, Robin	"The NEPSAC nonlinear predictive controller in a real life experiment", INES 2007: 11TH INTERNATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS, PROCEEDINGS Book Series: International Conference on Intelligent Engineering Systems Pages: 229-232 Published: 2007	0.25	3	10.83
Factor impact cumulativ (conferinta)			19.88		
Total punctaj A2.1.2					562.60

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autd	Punctaj
1	L. Tamas, A. Majdik	"Heterogeneous Feature Based Correspondence Estimation", 2012 IEEE International Conference on Multisensor Fusion and Integration, Hamburg, Germany	IEEExplore	2	10.00
2	M. Duca, L. Tamas	"Development of an Operation Training System - a Case Study", 14th IFAC Proceedings Volumes Volume 45, Issue 6, 23-25 May 2012, Pages 1622-1627	IFAC	2	10.00
3	L. Tamas, C. Marcu	"Detection and Tracking Experiment Design in Various Environments", 2011 15th International Conference on Advanced Robotics (ICAR), pp 180-185	IEEExplore	2	10.00
4	L. Tamas, Gh. Lazea	"Pattern recognition and tracking dynamic objects with LIDAR", ISR 2010 (41st International Symposium on Robotics) and ROBOTIK 2010, Munich, Germany	IEEExplore	2	10.00
5	A. Majdik, M. Popa, L. Tamas, I. Szoke, Gh. Lazea	"New Approach in Solving the Kidnapped Robot Problem", ISR 2010 (41st International Symposium on Robotics) and ROBOTIK 2010, Munich, Germany	IEEExplore	5	4.00

6	L. Busoniu, L. Tamas	"Optimistic Planning for the Near-Optimal Control of General Nonlinear Systems with Continuous Transition Distributions", IFAC Proceedings Volumes Volume 47, Issue 3, 2014, Pages 1910-1915	IFAC	2	10.00
Total punctaj A2.2.2					54.00

A2.4.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	"Sensor Fusion for Position Estimation", grant CNCIS PN II tip BD, proiect 288/2007, valoare proiect 18000 lei	2007	1	10
2	National	"Mobile Robot Navigation Based on Sensor Fusion", PN II - RESURSE UMANE - TD - COMPETITIA 2008, proiect 213/2008, valoare 42500 lei	2008-2009	2	20
3	National	"Tehnici de percepție activă pentru manipularea flexibilă a obiectelor în fabricația inteligentă", PN-III-P2-2.1-BG-2016-0140, proiect BG39/2016 valoare 460000RON	2016-2018	2	20
4	National	"Recunoaștere de obiecte 3D cu roboți mobili", PN-III-P2-2.1-CI-2017-0676, proiect CI25/2017, valoare 11000 EUR	2017	0.5	5
5	International	"ROS2AR" proiect de tip ROSIN din cadrul programului H2020, numar contract ROS2AR/2019, valoare cofinantata 25597 EUR, responsabil UTCN (https://www.rosin-project.eu/ftp/ros2ar)	2019-2020	1	20
Total National					55
Total International					20
Total punctaj A2.4.1					75

A2.4.2. Granturi/proiecte castigate prin competitie: membru in echipa

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	"ArhiFax - 3D Urban Modeling", proiect de tip POSTDRU, 4D postdoc, cod POSDRU/89/1.5/S/52603, perioada 2010-2013, valoare totala proiect 20,941,500 lei, membru postdoc, valoare grant postdoc 38000 EUR	2010-2012	2	4
2	National	"Development of Multisensory perception systems and sensor data fusion for mobile robots", Contract 24/2007 Tema A8 -CNCIS tip A cod1549 (2007-2008), director Gheorghe Lazea.	2007-2008	2	4
3	International	"3D Reconnaissance", proiect postdoc SCIEX-UEFISCDI (7 th call from 2012), proiect nr. 12.239/2013 valoare grant postdoc 100000 CHF,	2013-2014	1	4
4	National	"Reinforcement Learning and Planning for Large-Scale Systems", PNII-RU-TE-2012-3-0040, contract nr 58/2013, perioada 2013-2016, director proiect Lucian Busoniu	2013-2016	4	8
5	International	"Beyond Point-based Geometric Alignment, Fusion, 3D Reconstruction and Recognition of Visual Objects", OTKA 120367 din 2016 - International (consortiu), director proiect Zoltan Kato, perioada 2017-2021	2017-2021	4	16
6	National	"A learning aerial guide for the elderly and disabled", cod proiect PN-III-P1-1.1-TE-2016-0670, contract 9/2018, director proiect Lucian Busoniu, perioada 2018-2020	2018-2020	3	6
Total national					22
Total international					20
Total punctaj A2.4.1					42

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)

Nr.	Articol citat	Articol care citeaza	Numar au/Punctaj
1	Tamas, L.; Popa, M.; Lazea, Gh.; Szoke, I.; Majdik, A.: Lidar and Vision Based People Detection and Tracking. CONTROL ENGINEERING AND APPLIED INFORMATICS, 2010.	Chen, SY: Kalman Filter for Robot Vision: A Survey	5 1.6
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13	Tamas L., Marcu C. : Detection and tracking experiments in various environments , (2011) IEEE 15th International Conference on Advanced Robotics: New Boundaries for Robotics, ICAR 2011 , , art. no. 6088601 , pp. 180-185.	Pali, E., Máthé, K., Tamás, L., Buşoni, L.: Railway track following with the AR.Drone using vanishing point detection	2	2
14	Tamas L., Marcu C. : Detection and tracking experiments in various environments , (2011) IEEE 15th International Conference on Advanced Robotics: New Boundaries for Robotics, ICAR 2011 , , art. no. 6088601 , pp. 180-185.	Lee, H.-T., Tsai, H.-L., Chen, Z.-Q., (...), He, J.-X., Lin, Y.-C.: Mobile detecting robot with IPcam feedback	2	2
15	Tamas L., Popa M., Lazea G., Szoke I., Majdik A. : Lidar and vision based people detection and tracking, (2010) Control Engineering and Applied Informatics, 12 (2) , pp. 30-35.	Cho, K., Ilyas, M., Baeg, S.-H., Park, S.: Occluded human recognition for a leader following system using 3D range and image data in forest environment	5	0.8
16	Marcu C., Lazea Gh., Herle S., Robotin R., Tamas L. : 3D graphical simulation of an articulated serial manipulator based on kinematic models , (2010) 19th International Workshop on Robotics in Alpe-Adria-Danube Region, RAAD 2011	Dumitrache, A., Borangiu, T.: Open source framework for real-time robot simulation and collision avoidance	5	0.8
17	Tamas L., Majdik A. : Heterogeneous feature based correspondence estimation, (2012) IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems , , art. no. 6343042 , pp. 89-94.	Tamas, L., Jensen, B.: Robustness analysis of 3D feature descriptors for object recognition using a time-of-flight camera	2	2

Total punctaj A3.1.2.

18.67

A3.1.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI/BDI

Numar manifestare	Revista/manifestatie stiintifica	Tip (ISI/BC)	Punctaj
Co-organizator sesiune speciala la IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, Romania, 2016	IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, Romania	ISI	10
Chair sesiune speciala la IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, Romania, 2012	IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, Romania	ISI	10

Total punctaj A3.1.3

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