

FIȘA DE VERIFICARE

a îndeplinirii standardelor minimale necesare și obligatorii pentru conferirea titlului didactic de **PROFESOR UNIVERSITAR**
DOMENIUL - Calculatoare, tehnologia informației și ingineria sistemelor (Comisia 15 CNATDCU)
<http://www.cnatdcu-c15.org/Standarde-C15.pdf>

Subsemnata Prof.univ.dr.ing. DUȚĂ Luminița, conducător de doctorat în domeniul *Ingineria Sistemelor*,
declar pe proprie răspundere că datele prezentate în fișa de verificare de mai jos sunt reale.

Conform acestor date declar că **ÎNDEPLINESC**
Standardele minimale necesare și obligatorii

pentru abilitare (respectiv pentru conferirea titlului didactic de profesor universitar),
aferente Domeniului Calculatoare, tehnologia informației și ingineria sistemelor ,
valabile la data de 08.04.2020.

În ultimii 5 ani am realizat **238,94** puncte ceea ce reprezintă **28%** din punctajul minim solicitat (850 puncte)
pentru domeniul Calculatoare, tehnologia informației și ingineria sistemelor

Prof.univ.dr.ing. DUȚĂ Luminița

1. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	D o m e n i u l	Perioada	Titlul științific acordat
1	Universitatea Politehnica din București	Ingineria Sistemelor/Automatica	2000-2006	Doctor in Automatica
2	Université de Franche Comté, Besançon, France	Automatique	2001-2006	Docteur en Automatique

2. Îndeplinirea standardelor minimale

Domeniul activităților	Categoriile și restricții		Subcategoriile		Indicatori (kpi)	Punctaj
1	2		3		4	X
Activitatea didactică și profesională (A1)	Cărți de autor sau capitole ¹ de specialitate în edituri cu ISBN	Cărți / monografii	A1.1.1	internaționale	50 / nr. de autori sau 100 / nr. de autori cu	
				Duta L., Conduite des systèmes de désassemblage pour le recyclage des produits , Editions Universitaires Européennes, ISBN 978-613-1-52213-0, 2010, 184 pag http://www.amazon.com/Conduite-syst%C3%A8mes-d%C3%A9sassemblage-recyclage-produits/dp/6131522138	50/1	50
			Patic Paul Ciprian, Duta Luminita , Pascale Lucia, <i>Chapter 6: Control Optimization Using MATLAB</i> ; Book: Engineering Education and Research Using MATLAB, Publisher: InTech, ISBN: 978-953-307-656-0, 2011, Pag 149-170 http://www.intechopen.com/books/engineering-education-and-research-using-matlab	50/3/4	4,16	
			A1.1.2	naționale	50/nr. de autori	
			Duta L. Introduction dans l'étude des systèmes de désassemblage , Programmation et Contrôle, Ed. EXPERT, ISBN 978-973-618-170-2, 2008 (editura recunoscuta CNCS in 2008), 171 pag http://www.ince.ro/Publicatii/Editura_Expert/editura_expert.html	50/1	50	
	Florin Popa, Luminita Duta , <i>Sisteme flexibile de fabricatie</i> , Ed AGIR, ISBN 978-973-720-157-7, 2008 (editura recunoscuta CNCS), 172 pag http://www.edituraagir.ro/		25			
	Ctin Bala Zamfirescu, Barna Iantovics, Luminita Duta , <i>Chapter 22: A stigmergic approach to deal with uncertainty in planning the e-meeting agenda</i> ; Book: <i>Advanced Computational Technologies</i> , Ed ACADEMIEI ROMANE, ISBN 978-973-27-2256-5, 2012 (editura recunoscuta CNCS) p. 249-257 http://www.ear.ro/		4,16			
	Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1		40/ nr. autori	
				L. Duta, L. Pascale, Tehnici de Programare si Metode de Alocare a Memoriei , Ed MatrixRom ISBN 978-973-755-598-4, 2010, 207 pag http://www.matrixrom.ro/		20
				Luminita Duta , Ion Caciula, <i>Programarea Avansata a Interfetelor Utilizator</i> , Ed Bibliotheca, ISBN 978-973-712-382-4, 2008, 218 pag http://www.bibliotheca.ro/		20
L.Duta, N. Istrate, A. Alexandru, G. Gorghiu; Programarea Calculatoarelor in limbajul C++ , Ed Cetatea de Scaun, ISBN 973-85908-0-9, 2002, 128 pag http://www.cetateadescaun.ro/ro					10	
TOTAL A1					183,32	
Activitatea de cercetare (A2)	Articole în reviste cotate ISI și lucrări în volumele unor manifestări	A 2.1.		(25+30*IF) /nr. autori		
			Floroiu D., Patic P.C., Duta L. (2019), <i>Trends in Educational Robotics</i> , In: Aspragathos N., Koustoumpardis P., Moulianitis V. (eds) <i>Advances in Service and Industrial Robotics</i> . RAAD 2018. Mechanisms and Machine Science, vol 67. Springer,	0,25	10,83	

științifice indexate ISI	Cham, ISBN 978-3-030-00231-2, DOI https://doi.org/10.1007/978-3-030-00232-9_77 https://link.springer.com/chapter/10.1007/978-3-030-00232-9_77 SPRINGER INTERNATIONAL PUBLISHING AG, GEWERBESTRASSE 11, CHAM, CH-6330, SWITZERLAND, ISSN: 2211-0984, WOS:000465020800077		
	L. Duta , I. Caciula, P.C. Patic, <i>Column generation approach for disassembly line balancing</i> , ELSEVIER Volume: 49 Issue: 12 Pages: 916-920 DOI: 10.1016/j.ifacol.2016.07.892 Published: 2016, The 8th IFAC Conference on Manufacturing Modelling, Management and Control MIM (http://www.sciencedirect.com/science/article/pii/S2405896316311788)	0,25	10,83
	F Gh. Filip, L. Duta , <i>Decision Support Systems in Reverse Supply Chain Management</i> , Procedia Economics and Finance , 2ND INTERNATIONAL CONFERENCE ECONOMIC SCIENTIFIC RESEARCH - THEORETICAL, EMPIRICAL AND PRACTICAL APPROACHES, ESPERA, Vol 22 pp 154-159, ISSN 2212-5671, 2014, WOS:000358197900019 (http://www.sciencedirect.com/science/article/pii/S221256711500249X)	0,25	16,25
	Duta, L. ; Zamfirescu, C. B.; Filip, F. G., <i>Mathematical Decision Model for Reverse Supply Chains Inventory</i> , INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, Volume: 9 Issue: 6 Pages: 686-693, ISSN: 1841-9836, 2014, WOS:000343688400003 (http://univagora.ro/jour/index.php/ijccc/article/view/1473) (Q2)	1,29	21,23
	Tchoffa D., Dafaoui, E.M. ; El Mhamedi, A. ; Duta, L. , <i>Quality Operating of Information Systems and Service Level Agreement</i> , <i>The IEEE International Conference on Industrial Engineering and Engineering Management, Dec 2014, MALAYSIA</i> WOS:000411458400155 (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7058742&url=http%3A%2F%2Fieeexplore.ieee.org%2Fexpl%2Fabs_all.jsp%3Farnumber%3D7058742)	0,25	8,12
	D. Tchoffa, L. Duta , A. El Mhamedi , <i>Decision Analysis in Management of Information Systems Incidents</i> , STUDIES IN INFORMATICS AND CONTROL, vol 22, no 2, p 123-132, ISSN 1220-1766, 2013 (http://sic.ici.ro/?p=4006) WOS:000320427700002 (Q2)	1,02	18,53
	P. C. Patic, L. Duta , I.F. Popa, <i>Collaborative platform for Virtual Practice Enterprise Learning</i> , Book Series: IFIP Advances in Information and Communication Technology Volume: 408 Pages: 287-294 Published: 2013, WOS:000391134800031 (Q3)	0,25	10,83
	L. Duta , S. Addouche, <i>Dynamic Bayesian Network for Decision Aided Disassembly Planning</i> , COLLABORATIVE SYSTEMS FOR REINDUSTRIALIZATION Book Series: IFIP Advances in Information and Communication Technology Volume: 408 Pages: 287-294 Published: 2013 (http://link.springer.com/chapter/10.1007%2F978-3-642-27449-7_11), WOS:000309734000011 (Q3)	0,25	16,25
	L. Duta , <i>Bayesian Network for Decision Aid in Maintenance</i> , Proceedings of the Romanian Academy, Vol 14, no 4, Pag 387-394 , ISSN: 1454-9069, 2012 (http://www.acad.ro/sectii2002/proceedings/doc2012-4/13-Duta.pdf) WOS:000312118100013	1,752	77,56
	M. Cioca, L. Cioca, L. Duta , <i>Web Technologies and Multi-criterion Analysis used in Enterprise Integration</i> , STUDIES AND INFORMATICS AND CONTROL, vol. 20, issue 2, pp. 129-134, ISSN 1220-1766, 2011, (http://www.researchgate.net/publication/258220277_Web_Technologies_and_Multicriterion_Analysis_used_in_Enterprise_Integration) WOS:000292015600005 (Q2)	1,02	18,53
	Zamfirescu B. Ctin, Duta L. , Iantovics B, <i>On Investigating the Cognitive Complexity of Designing the Group Decision Process</i> , STUDIES AND INFORMATICS AND CONTROL , Volume 19, Issue 3, p. 263-270 , ISSN 1220-1766, 2011 (http://sic.ici.ro/?page_id=414) WOS:000282834300006 (Q2)	1,02	18,53
	Patic P. C., Zemouri R., Duta L. , <i>Recurrent Neural Networks in Linear Systems Controlling</i> , STUDIES AND INFORMATICS AND CONTROL, Volume 19, Issue 2, p. 153-158, ISSN 1220-1766, 2010 (http://sic.ici.ro/?page_id=417) WOS:000279310700005 (Q2)	1,02	18,53
Patic P. C., Pascale L., Duta L. , <i>Establishment of the conceptual solution in mobile robot guidance</i> , European Conference of Systems-Proceedings, ADVANCES IN COMMUNICATIONS, COMPUTERS, SYSTEMS, CIRCUITS AND DEVICES,	0,25	10,83	

		ISSN: 1792-6637, 2010 (http://www.wseas.us/e-library/conferences/2010/Tenerife/CSCC/CSCC-10.pdf) WOS:000290650000011		
		Zamfirescu B. Ctin, Duta L. , Candea C, <i>Implementing the Design for Emergence Principle in GDSS</i> , The 15th IFIP Working Group 8.3 International Conference on Decision Support Systems on Bridging the Socio-Technical Gap in DSS, Book: BRIDGING THE SOCIO-TECHNICAL GAP IN DECISION SUPPORT SYSTEMS: CHALLENGES FOR THE NEXT DECADE, Frontiers in Artificial Intelligence and Applications, Volume: 212 pag 61-72, ISSN: 0922-6389, 2010, WOS:000350051100006 (http://ebooks.iospress.nl/publication/5651) (Q4)	0,25	10,83
		Popa Fl., Duta L. , Patric P. C. , <i>Designing a roller-bearing assembly using theoretical and experimental methods</i> , The 3rd WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology/International Conference on Geography and Geology, LATEST TRENDS ON ENGINEERING MECHANICS, STRUCTURES, ENGINEERING GEOLOGY, Mathematics and Computers in Science and Engineering, ISBN: 978-960-474-203-5, 2010, (http://dl.acm.org/citation.cfm?id=2046278) WOS:000288686900013	0,25	10,83
		Zribi N., Duta L. , Kamel A El, <i>MPM Job shop under availability constraints</i> , INTERNATIONAL JOURNAL OF COMPUTERS, COMMUNICATIONS & CONTROL, Vol 4 no 4, p 391-401, ISSN 1841-9836, 2009, WOS:000270844700011 (http://www.scipio.ro/documents/12715/19128/webPDFFile) (Q2)	1,29	21,23
		Suduc A. M, Bizoi M, Duta L. , Gorghiu G, <i>Interface Architecture for a Web-based Group Decision Support System</i> , STUDIES AND INFORMATICS AND CONTROL , Vol. 18, nr. 3, pp 241-247, ISSN 1220-1766, 2009, WOS:000270244500005 (http://www.researchgate.net/publication/258220305_Interface_Architecture_for_a_Web-based_Group_Decision_Support_System) (Q2)	1,02	13,9
		Duta L. , Filip F.G. , <i>Control and Decision-making Process in Disassembling Used Electronic Products</i> , STUDIES AND INFORMATICS AND CONTROL, Volume: 17 Issue: 1 Pages: 17-26, ISSN 1220-1766, 2008 (http://www.intelligent-enterprise.ro/doc/SSD/art02%5B1%5D.pdf) WOS:000268913600002 (Q2)	1,02	27,8
		Duta L. , Filip F.G., Zamfirescu B. C. , <i>Genetic Algorithms: A Decision Tool In Industrial Disassembly</i> , International Conference on Complexity and Intelligence of the Artificial and Natural Complex Systems - Medical Applications of the Complex Systems Biomedical Computing, COMPLEXITY & INTELLIGENCE OF THE ARTIFICIAL & NATURAL COMPLEX SYSTEMS, MEDICAL APPLICATIONS OF THE COMPLEX SYSTEMS, BIOMEDICAL COMPUTING Pages: 55-61 Published: 2008 WOS:000277249300007	0,25	10,83
		Duta L. , Filip F.G., Zamfirescu B. C. , <i>Genetic Algorithms: A Decision Tool In Industrial Disassembly</i> , COMPLEXITY IN ARTIFICIAL AND NATURAL SYSTEMS, p 124-127, ISBN: 978-973-7794-76-5, 2008 (http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5231534) WOS:000264924800016	0,25	10,83
		Duta L. , Filip F.G., Henrioud J. M., Popescu C. , <i>Disassembly line scheduling with genetic algorithms</i> , INTERNATIONAL JOURNAL OF COMPUTERS, COMMUNICATIONS & CONTROL, Volume: 3 Issue: 3 Pages: 270-280, ISSN: 1841-9836, 2008 , WOS:000257275300005 (https://hal.archives-ouvertes.fr/hal-00279884/document) (Q2)	1,29	15,92
		Duta L. , Filip F.G., M., Popescu C., <i>Evolutionary programming in disassembly decision making</i> , INTERNATIONAL JOURNAL OF COMPUTERS, COMMUNICATIONS & CONTROL, Volume: 3, S, Pages: 282-286, ISSN: 1841-9836, 2008 (http://www.researchgate.net/publication/258220547_Evolutionary_Programming_in_Disassembly_Decision_Making) WOS:000257497600042 (Q2)	1,29	21,23
		Duta L. , Filip F. G., Henrioud J. M, <i>A method for dealing with multi-objective optimization problem of disassembly processes</i> , PROCEEDINGS OF THE 2003 IEEE INTERNATIONAL SYMPOSIUM ON ASSEMBLY AND TASK PLANNING, p 163-168, ISBN: 0-7803-7770-2, 2003, WOS:000184467400029 (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=1217205&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D1217205)	0,25	10,83

	Total A2.1			392,55	
Activitatea de cercetare (A2)	Articole in reviste, si în volumele unor manifestări științifice indexate in alte baze de date internaționale recunoscute (BDI)	A2.2		20 / nr. autori	
			I. Craiu, L. Duta , <i>Issues in reverse supply chain logistics</i> , in <i>Studies in Computational Intelligence:Service Orientation in Holonic and Multiagent Manufacturing</i> , SPRINGER 2019, https://doi.org/10.1007/978-3-030-03003-2_27 , ISSN 1860-949X, pp 349-360, January 2019 (Q4) https://books.google.ro/books?id=EaZ-DwAAQBAJ&pg=PA349&lpg=PA349&dq=Issues+in+Reverse+Supply+Chains+Logistics:+Proceedings+of+SOHOMA+2018&source=bl&ots=Tg80kT0GVx&sig=s8X8PO-RXnUY5-KJ3XWXbQ60_q4&hl=en&sa=X&ved=2ahUKewj_7oXUxaHfAhVG3CwKHfTuCLAQ6AEwAHoECACQAQ#v=onepage&q&f=false		10
			Pascale L, Mainea M, Patric CP., Duta L , <i>Mathematical decision model to improve TPM indicators</i> , <i>Proceedings of the 14th INCOM Symposium 2012 Bucharest ROMANIA</i> , pp 934-939, ISBN 978-3-902661-98-2, 2012 (IFAC, SCOPUS, ELSEVIER) http://www.ifac-papersonline.net/Detailed/53805.html		5
			Ghorbel N, Duta L , Addouche SA, El Mhamedi A , <i>Decision aided tool for sustainable inventory control</i> , The 21th International Conference on Production Research, Stuttgart 2011, ISBN 978-3-8396-0293-5, (Google Scholar, Copernicus) https://hal.archives-ouvertes.fr/hal-00637947/en/		5
			Duta L , Caciula I, Addouche SA , <i>On the profitability of the disassembly processes</i> , <i>The 18th IFAC Congress, Milano</i> , 4845-4850, ISBN: 978-3-902661-93-7, 2011, (IFAC, SCOPUS, ELSEVIER) http://www.ifac-papersonline.net/Detailed/49071.html		6,66
			Ghorbel N, Duta L , Addouche SA, El Mhamedi A , <i>L'intégration de l'incertitude dans la gestion de stock des pièces de rechange</i> , Congrès Industriel de Génie Electrique, Montréal, Canada, 2011 (Google Scholar, Copernicus) https://hal.archives-ouvertes.fr/hal-00637952		5
			Mainea M., Duta L , Patric P. C., Caciula I., <i>A Method to Optimize the Overall Equipment Effectiveness</i> , <i>Manufacturing Control, Production and Logistics Conference MCPL 2010, Coimbra, Portugal</i> , 237-241, DOI: 10.3182/20100908-3-PT-3007.00046, 2010, (IFAC, SCOPUS, ELSEVIER) http://www.ifac-papersonline.net/Detailed/44571.html		5
			Duta L , Ctin. B. Zamfirescu, M. Cioca, S. Addouche, <i>Integrating DSS in Public Transportation Monitoring Systems</i> , <i>Proceedings of The 12th IFAC Symposium on Large Scale Systems and Applications, LSS2010, Lille, France</i> , ISBN 978-2-915913-26-2, (IFAC, SCOPUS, ELSEVIER) http://www.ifac-papersonline.net/Detailed/45785.html		5
			Cioca M., Cioca L., Duta L. , <i>Web engineering and multi-criterion analysis of modeling languages used in production systems</i> , <i>Manufacturing Control, Production and Logistics Conference (MCPL 2010), Coimbra Portugal</i> , (IFAC, SCOPUS, ELSEVIER) http://www.cif.ulbsibiu.ro/mariusc/article/Web%20engineering%20and%20multi-criterion%20analysis%20of%20modeling%20languages%20used%20in%20production%20systems.pdf		6,66
Bobosatu F., Duta L. , Filip F. Gh. <i>An experimental web based decision support system</i> , The 12th IFAC Symposium on Large Scale Systems and Applications, LSS2010, Lille, France, ISBN 978-2-915913-26-2 http://www.ifac-papersonline.net/Detailed/45777.html (IFAC, SCOPUS, ELSEVIER)		6,66			
Popa I. F., Patric P. C., Duta L. , <i>The Analysis of the Geometrical Features Influence of the Helical Gears on the Blocking Coefficient of a Differential</i> , 12th WSEAS INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL MODELLING & SIMULATION (ACMOS '10), Catania, Italy, ISBN 978-954-92600-1-4, (Google Scholar, ACM Digital Library) http://www.wseas.us/e-library/conferences/2010/Catania/ACMOS/ACMOS-18.pdf		6,66			

			Patic P.C., Popa F., Duța L. , <i>A Computational Technique Used for the Designing-Checking-Optimization of a Wine Plant Functioning</i> , 10th WSEAS International Conference on ROBOTICS, CONTROL and MANUFACTURING TECHNOLOGY (ROCOM '10 cat A), Hangzhou, China, ISBN 978-960-474-175-5, ISSN 1790-5117, (Google Scholar, ACM) http://www.wseas.us/e-library/conferences/2010/Hangzhou/ROCOM/ROCOM-21.pdf		6,66
			Popa F., Duța L. , Patic P.C , <i>Designing a roller-bearing assembly using theoretical and experimental methods</i> , The 3rd WSEAS International Conference on ENGINEERING MECHANICS, STRUCTURES, ENGINEERING GEOLOGY (EMESEG '10), Corfu Island, Greece http://www.wseas.us/e-library/conferences/2010/Corfu/EMEGEO/EMEGEO-08.pdf		6,66
			Duța L. , Caciula I, Henrioud J M, Filip F Gh, <i>Disassembly scheduling for family of products</i> , Proceedings of The 13th IFAC Symposium on Information Control Problems in Manufacturing, Information Control Problems in Manufacturing, Volume# 13 Part# 1, 756-761, 2009 ISBN: 978-3-902661-43-2 (IFAC, SCOPUS, ELSEVIER, SCIENCEDIRECT) http://www.ifac-papersonline.net/Detailed/40707.html		5
			Addouche S.A, Duța L. , Mhamedi A. El, <i>On-line management of EoL product defective condition for optimal disassembly planning</i> , Proceedings of The 13th IFAC Symposium on Information Control Problems in Manufacturing, Information Control Problems in Manufacturing, Volume# 13 Part# 1, 1901-1906, ISBN: 978-3-902661-43-2 (IFAC, SCOPUS, ELSEVIER, SCIENCEDIRECT) http://lismma.supmeca.fr/en/node/7043		6,66
			Duța L. , Filip F. G., Caciula I, <i>Real Time Balancing of Complex Disassembly Lines</i> , Proceedings of the 17th IFAC World Congress, 2008, World Congress, ELSEVIER publication, Volume# 17 Part# 1, (IFAC, SCOPUS, ELSEVIER, SCIENCE DIRECT) http://www.ifac-papersonline.net/Detailed/35884.html		6,66
			Duța L. , Caciula I., Filip Gh. F., <i>Equilibrage en temps réel des lignes de désassemblage</i> , Automatique Avancée et Informatique Appliquée (Borne, P., Filip, F.G., Benrejeb, M., Popescu, D. Editeurs) Editura Academiei Romane, Bucuresti, p. 107-111, 2008, ISBN 978-973-27-1806-3(Google Scholar, Copernicus)		6,66
			Duța L. , Henrioud J.M., Caciula I, <i>A Real Time Solution to Control Disassembly Processes</i> , MCPL 2007, Sept 2007, ELSEVIER (IFAC, SCOPUS, ELSEVIER, SCIENCEDIRECT) https://hal.archives-ouvertes.fr/hal-00181100/document		6,66
			Duța L. , Addouche S, <i>Disassembly Scheduling Using Stochastic Algorithms</i> , Intelligent Assembly and Disassembly, Volume # 5 Part# 1, Alicante Spain, ISBN: 978-3-902661-22-7, 2007(IFAC, SCOPUS, ELSEVIER, SCIENCEDIRECT) http://www.ifac-papersonline.net/Detailed/38992.html		10
			Duța L. , Filip F G., Henrioud J.M., <i>Applying Equal Piles Approach to Disassembly Line Balancing Problem</i> , Proceedings of The 16th International IFAC World Congress (Session Industrial Assembly and Disassembly), Prague, Czech Republic , 1449-1449, 2005, ISBN-13: 978-0-08-045108-4(IFAC, SCOPUS, ELSEVIER) http://www.ifac-papersonline.net/Detailed/28731.html		6,66
			Duța L. , Filip Gh. F, Henrioud J. M., <i>Determination of the Optimal Disassembly Sequence Using Decision Trees</i> , Proceedings of the Intelligent Assembly and Disassembly IAD 2003, Bucharest, ELSEVIER publication, 2003, ISBN 0-08-044065-7 (IFAC, SCOPUS, ELSEVIER) http://www.researchgate.net/publication/258220388_Determination_of_the_Optimal_Disassembly_Sequence_Using_Decision_Trees		6,66
			Duța L. , Filip Gh. F, <i>Automatic Disassembly: Main Stage in Manufacturing Products</i> , Proceedings of the 4'th International Workshop on Computer Science and Information Technology, CSIT 2002, Sept 2002, Patras, Greece (Google Scholar, Copernicus) https://scholar.google.ro/citations?user=wRZQUKgAAAAJ&hl=ro		10
			Istudor I, Duța L. , <i>Web-based Decision Support System: an Economic Application</i> , Informatica Economica, vol 14, no 1, pp. 191-200 (Google Scholar, Copernicus) http://revistaie.ase.ro/content/53/20%20Istudor.%20Duța.pdf		10
			Patic P. C., Pascale L., Duța L. , Zemouri R, <i>Study on Energy Consumption in Machinability Processes</i> , The Scientific Bulletin of Electrical Engineering Faculty, (Google scholar, Copernicus)		5
			Patic P.C., Ardeleanu M., Duța L. , Zemouri R, <i>Some New Considerations Regarding the Design of a Column Industrial Robot Type Used in Automatic Processes</i> , The Scientific Bulletin of Electrical Engineering Faculty, 2009, ISSN 1843-6188 (Google Scholar, ACM) http://www.buletinfie.ro/ro/numere2009-2/B05%20-%20Paul_Patic_SOME%20NEW%20CONSIDERATIONS%20%20...pdf		5
			Boboșatu F, Duța L. , Pascale L, <i>An Experimental Web- Based Decision Support System In Ecology</i> , The Scientific Bulletin of Electrical Engineering Faculty, ISSN 1843-6188 2009 (Google scholar) http://www.buletinfie.ro/en/numere2009-		6,66

			2/B01%20-%20Bobosatu+Duta AN%20EXPERIMENTAL%20WEB....pdf		
			Zamfirescu Ctin., Negulescu S., Duta L , <i>A Bio-Inspired Approach to Solve the Route Allocation Problem</i> , The Scientific Bulletin of Electrical Engineering Faculty, 2008, ISSN 1843-6188(Google scholar, EBSCO) http://www.buletinfie.ro/en/numere2008/Art20%20-%20%28S2%29,%20Zamfirescu,%20109-113.pdf		6,66
			Addouche S, Duta L , <i>Linear Programming in Disassembly Planning Optimization</i> , The Scientific Bulletin of Electrical Engineering Faculty, ISSN 1843-6188 2008 (Google scholar, HAL Archives) http://www.buletinfie.ro/ro/numere2008-2/Art11%20-%20%28S2%29.%20Addouche.%2057-60.pdf		5
			Duta L. , P. C. Patic, <i>Automatised Disassembly Cells for Electronic Used Products</i> , The Scientific Bulletin of Electrical Engineering Faculty, 2008, ISSN 1843-6188 (Google Scholar)		5
			Duta L <i>Application of evolutionary programming in disassembly processes</i> , The Scientific Bulletin of Electrical Engineering Faculty, 2006,(Google scholar, Copernicus) https://scholar.google.ro/citations?user=wRZOUKqAAAAJ&hl=ro		20
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Total A2.2.					216,56
Proprietate intelectuală, brevete de invenție, certificate ORDA	A.2.3.1	Internationale			35/ nr. autori
	A.2.3.2	Naționale (OSIM)			25 /nr. autori
Granturi / proiecte de cercetare câștigate prin competiție Contracte cu agenți economici, în valoare de minim 10000 USD echivalent încasați	Director /responsabil partener	A2.4.1.1	internationale		20 * ani desfășurare
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			COST: IC0602 - Algorithmic Decision Theory , (obiectiv: coordonarea si dezvoltarea cercetarii Europene in domeniul deciziei teoriei deciziilor algoritmice) in cadrul competitiei European Cooperation in Science and Technology, 2009-2011, Responsabil de proiect, reprezentand Romania , Membru in Comitetul de Management European , director de proiect Prof. Alexis Tzoukias , Universitatea Paris Dauphine, alexis.tsoukias@dauphine.fr www.cost.eu/domains_actions/ict/Actions/IC0602?management	3 ani	60
	A2.4.1.2.	naționale		10 * ani desfășurare	
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	Membru în echipă	A2.4.2.1.	internationale	4 * ani desfășurare	
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			<i>WOLF-Echipament modular de vedere pe timp de noapte, superangular, cu adaptor pentru observare și ochire AMCSIT/INOVARE-nr 41/2007-2009, Director: conf. Dr Dumitrache Cristian</i>	2	4
			<i>SOMOVID-Sistem optico-electronic modular pentru observare și ochire pe timp de noapte cu transmitere video a informațiilor și afisare pe microdisplay PNCDI - P5 INOVARE, Modulul 1 – Dezvoltare de produs - sisteme, buget 2.529.500 RON, AMCSIT/INOVARE-2007-2009 director: conf. Dr Dumitrache Cristian</i>	2	4
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Recunoașterea și impactul activității (A3)	Citări în cărți, reviste și volume ale unor manifestări științifice	A3.1.1	Cărți, ISI	8/ nr. aut. articol citat	
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		<p>3. Lucrare citata: <i>Conceptual Modeling of the Disassembly Processes</i> (Duta L., Filip Gh. F, Henrioud J. M) STUDIES IN INFORMATICS AND CONTROL, Vol. 11, nr. 2, pp 177-183, 2002 Ref: http://ssd.valahia.ro/conceptual%20control.pdf</p> <p>Lucrare care citeaza: MCGovern, SM ; Gupta SM, <i>Combinatorial optimization analysis of the unary NP-complete disassembly line balancing problem</i>, INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, 45 (18-19), 2007 Ref: http://www.tandfonline.com/doi/abs/10.1080/00207540701476281</p>	ISI	2,66
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			43. Lucrare citata: <i>Disassembly line scheduling with genetic algorithms</i> (Duta Luminita ; Filip Florin Gheorghie ; Henrioud Jean-Michel ; Ciprian Popescu) INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 3 Issue: 3 Pages: 270-280 Published: 2008 Ref: http://univagora.ro/jour/index.php/ijccc/article/view/2395 Lucrare care citeaza: Mendoza J. E.; Villaleiva L. A.; Castro M. A.; et al, <i>Multi-objective Evolutionary Algorithms for Decision-Making in Reconfiguration Problems Applied to the Electric Distribution Networks</i> , STUDIES IN INFORMATICS AND CONTROL Volume: 18 Issue: 4 Pages: 325-336 Published: DEC 2009 Ref: http://scipio.ro/documents/16337/21933/webPDFFile	ISI	2
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		<p>48. Lucrare citata: <i>Applying Equal Piles Approach to Disassembly Line Balancing Problem</i> (L. Duta; Filip F G.; Henrioud J.M.) Proceedings of The 16th International IFAC World Congress, Prague, Czech Republic, ELSEVIER, Vol 16, ISBN-13: 978-0-08-045108-4; pp. 152-157, 2005</p> <p>Lucrare care citeaza: Mohand Lounes Bentaha, Olga Battaïa, Alexandre Dolgui, <i>Disassembly Line Balancing and Sequencing under Uncertainty</i>, 21st CIRP Conference on Life Cycle Engineering, Procedia CIRP 15 (2014) 239 – 244, Elsevier 2014</p> <p>Ref: http://www.sciencedirect.com/science/article/pii/S2212827114004399</p>	ISI	2,66
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		<p>8. Lucrare citata: <i>Web-Based Group Decision Support System: an Economic Application</i> (I. Istudor; L. Duta) Informatica Economica Volume: 14 Issue: 1 Pages: 191-200 Published: 01 2010</p> <p>Ref: http://revistaie.ase.ro/content/53/20%20Istudor.%20Duta.pdf</p> <p>Lucrare care citeaza: Jose A. Fadul, KHALED SALEH AI OMOUSH, RAED MUSBAH ALQIREM, <i>THE ROLE OF WEB-BASED GROUP DECISION SUPPORT SYSTEMS IN CLARIFYING THE COLLECTIVE INTELLIGENCE: MEASURING THE OUTCOMES</i>, Journal of Theoretical and Applied Information Technology Vol. 47 no 1 January 2010, 8645 - 1992 ISSN: 1992-8645</p> <p>Ref: https://www.researchgate.net/publication/288720448_The_role_of_web-based_group_decision_support_systems_in_clarifying_the_collective_intelligence_Measuring_the_outcomes</p>	INSPEC	2
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		<p>10. Lucrare citata: Idem</p> <p>Lucrare care citeaza: OMOUSH, KHALED SALEH AI; ALQIREM, RAED MUSBAH; AJLOUNI, MOHAMMAD IQBAL, <i>THE ROLE OF WEB-BASED GROUP DECISION SUPPORT SYSTEMS IN CLARIFYING THE COLLECTIVE INTELLIGENCE: MEASURING THE OUTCOMES</i>, Journal of Theoretical & Applied Information Technology . 1/10/2013, Vol. 47 Issue 1, p115-128</p> <p>Ref: https://www.researchgate.net/publication/288720448_The_role_of_web-based_group_decision_support_systems_in_clarifying_the_collective_intelligence_Measuring_the_outcomes</p>	INSPEC	2
		<p>11. Lucrare citata: <i>Disassembly line scheduling with genetic algorithms</i> (Duta Luminita ; Filip Florin Gheorghe ; Henrioud Jean-Michel ; Ciprian Popescu) INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 3 Issue: 3 Pages: 270-280 Published: 2008</p> <p>Ref: https://hal.archives-ouvertes.fr/hal-00279884/document</p> <p>Lucrare care citeaza: Xiao Qiang Shi, Li Jiang Huang, Hui Wang, <i>A Multi-Agent System for Remanufacturing of End-of-Life Products</i>, Advanced Materials Research, ISSN: 1662-8985, vol 655-657, pp 2025-2032, 2013DOI:10.4028/www.scientific.net/AMR.655-657</p> <p>Ref: http://www.scientific.net/AMR.655-657.2025</p>	INSPEC	1

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		<p>13. Lucrare citata: <i>Control and Decision-making Process in Disassembling Used Electronic Products</i> (Duta Luminita ; Filip Florin Gheorghe) STUDIES IN INFORMATICS AND CONTROL Volume: 17 Issue: 1 Pages: 17-26 Published: MAR 2008 Ref: (http://www.intelligent-enterprise.ro/doc/SSD/art02%5B1%5D.pdf)</p> <p>Lucrare care citeaza: Zeng Bei -chang, Ni Jung-fang, Gu Jun, <i>Selective disassembly technology for recycling of electromechanical products</i>, Machinery Design&Manufacture, Vol 1(1) 2010, DOI: 1001-3997/01-0216-02, ISSN 1001-3997 Ref: http://www.cqvip.com/Read/Read.aspx?id=32680881</p>	ACM,	2
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Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI	A3.2.		10 / fiecare revistă/manifastare	
		Referent științific <i>International Journal of Production Research IJPR</i> http://www.tandfonline.com/loi/tprs20#.VgLB85dNgjg ISSN 0020-7543		10
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Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice indexate BDI	A3.3.		6 / fiecare manifestare	
		Organizator sesiune invitata Session 2 : Performance Measurement of Reverse Logistic processes, MOSIM Conference, Hammamet, Tunis, 2010 http://www.enim.fr/mosim2010/special.php		6
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			Membru in comitetul stiintific IFAC LSS Conference, Lille 2010 http://lss2010.ulbsibiu.ro/committees.htm		6
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			<i>Journal Editor Mega Journal of Business Research</i> http://mjournals.com/index.php/MJBR/		6
	Premii în domeniu conferite de Academia Română, ASTR, AOSR sau premii internaționale de prestigiu	A3.4.			15/ premiu
TOTAL A3					328,43

Formula de calcul a indicatorului de merit ($A = A1+A2+A3$) $A = \sum_i K_{1i} + \sum_i K_{2i} + \sum_i K_{3i}$, unde p_i – Indice specific tipului si categoriei de activitate

¹Capitolul de carte editată trebuie să NU fie într-un volum de conferință (cu ISBN)și se punctează cu 1/4 din punctajul pentru cartea din categoria respectivă

²Dacă cartea respectivă se regăsește în cel puțin 50 de biblioteci din străinătate conform catalogului WorldCat.

³Se consideră factorul de impact ISI al revistei valabil în anul publicării sau la data depunerii dosarului. Pentru volumele manifestărilor ISI se consideră factorul de impact echivalent 0.25. Pentru volumele conferințelor internaționale de top în domeniul de abilitare se consideră factorul de impact echivalent 0.75 (lista acestora agreată și ținută la zi de comisia CNATDCU nr.15 fiind disponibilă la adresa www.cnatdca-c15.org);

⁴ Pentru domeniul Calculatoare, Tehnologia Informației și Ingineria Sistemelor sunt recunoscute următoarele baze de date internaționale (BDI): ISI, Scopus, IEEE (Institute of Electrical and Electronics Engineers) Xplore, Science Direct, Elsevier, Springerlink, ACM (Association for Computing Machinery), DBLP, EURASIP, Wiley, Inspec

⁵Se dublează punctajul dacă rezultatul este înregistrat la WIPO, EPO, USPTO, JPO.

⁶Nu se consideră în această categorie proiecte/granturi care nu prezintă un caracter predominant de cercetare. Se consideră numai proiecte/granturi relevante pentru profilul postului scos la concurs / domeniul de abilitare. Candidatul va atașa documente care să demonstreze caracterul de cercetare al proiectului

⁷ Se exclud autocitățile (auto-citarea se referă la situația în care numele candidatului apare simultan atât printre numele autorilor referinței bibliografice în cauză cât și printre numele autorilor articolului care citează, conform WOS https://images.webofknowledge.com/WOKRS523R4/help/WOS/hs_crsearch_self_citations.html)

⁸Se dublează punctajul dacă citarea provine dintr-o revistă cotate ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI).

⁹ Nu se considera calitatea de recenzor al unor articole individuale

Condiții minimale

Nr.crt.	Domeniul de activitate	Punctaj impus	Punctaj realizat	Criteriu îndeplinit (DA/NU)
A1	Activitate didactică / profesională (A1)	100	183,32	DA
A2	Activitatea de cercetare (A2)	600	843,11	DA
A3	Recunoașterea impactului activității (A3)	150	328,43	DA
	TOTAL (A)	850	1354,86	

Condiții minimale obligatorii pe subcategorii

Criteriu / condiție pe subcategorii		Impus	Realizat	Îndeplinit
A1.1.1 – A1.1.2	Cărți de specialitate	1 carte	5	DA
A2.1	Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings	15 din care minim 3 în reviste cotate ISI Q1/ Q2	23 din care 10 in reviste cotate ISI Q2 (calculat atat la momentul concursului 2016 cat si in prezent 2020)	DA
A2.4.1.	Granturi / proiecte de cercetare câștigate prin competiție (Director / Responsabil partener)	2	2	DA
A3.1.1	Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS)	25	56+	DA
	Factor de impact ISI cumulat pentru publicații	10	14,74	DA

Prof.univ.dr.ing. DUȚĂ Luminița

Semnătura

