

Lector dr. Alexandra Băicoianu  
Domeniul: Informatică

Fișa de autoevaluare privind îndeplinirea standardelor minimale  
Îndeplinirea standardelor minimale (toate publicațiile și toate citările)

Perspectiva	Punctaje pe categorii	Standarde minimale	Punctaj realizat	Standard îndeplinit
b)	A* = 0 A = 3 B = 8 C = 16	$A^*+A+B \geq 16$ puncte	44	DA
		$A^*+A+B+C \geq 32$ puncte	68.99	DA
c)	A* = 0 A = 0 B = 6 C = 16 D = 10	$A^*+A+B \geq 12$ puncte	19.33	DA
		$A^*+A+B+C+D \geq 48$ puncte	57.99	DA
d)		$\geq 36$ puncte	61.16	DA

**Perspectiva b), producția științifică**

Nr. crt.	Articol	Categorie	Puncte
<b>Categoria A</b>			
1	A. Baicoianu, C. Gavrila, C.M Pacurar, V. Pacurar Fractal interpolation in the context of prediction accuracy optimization Journal: Engineering Applications of Artificial Intelligence 10.14569/IJACSA.2019.0100514, 2024 <a href="https://www.sciencedirect.com/science/article/pii/S0952197624005384?dgcid=rss_sd_all">https://www.sciencedirect.com/science/article/pii/S0952197624005384?dgcid=rss_sd_all</a>	A	4
2	I.C. Plajer, A. Băicoianu, L. Majercsik, M. Ivanovici Multisource Remote Sensing Data Visualization using Machine Learning IEEE Transactions on Geoscience and Remote Sensing (TGRS), 2024 In press, DOI: 10.1109/TGRS.2024.3372639 <a href="https://ieeexplore.ieee.org/document/10458686">https://ieeexplore.ieee.org/document/10458686</a>	A	4
3	A. Baicoianu, C.M Pacurar, M. Paun A Concretization of an Approximation Method for Non-Affine Fractal Interpolation Functions Mathematics, 2021 <a href="https://doi.org/10.3390/math9070767">https://doi.org/10.3390/math9070767</a>	A	8

<b>Categoria B</b>			
1	Learning about Growing Neural Cellular Automata Journal: IEEE Access Publication Date: 2024 Volume: 12 On Page(s): 45740-45751 Print ISSN: 2169-3536 Online ISSN: 2169-3536 Digital Object Identifier: 10.1109/ACCESS.2024.3382541 <a href="https://ieeexplore.ieee.org/abstract/document/10480399">https://ieeexplore.ieee.org/abstract/document/10480399</a>	B	2
2	R. Bocu, A. Baicoianu, A. Kerestely An Extended Survey Concerning the Significance of Artificial Intelligence and Machine Learning Techniques for Bug Triage and Management IEEE Access, 2023 ISSN: 2169-3536 DOI 10.1109/ACCESS.2023.3329732	B	4
3	A. Vântu, A. Vasilescu, A. Băicoianu Medical Emergency Department Triage Data Processing using a Machine- Learning Solution Heliyon, 2023 ISSN 2405-8440, <a href="https://doi.org/10.1016/j.heliyon.2023.e18402">https://doi.org/10.1016/j.heliyon.2023.e18402</a>	B	4

4	D.S. Caliman, V. David, A. Baicoianu An Analysis of Improving Bug Fixing in Software Development In Proceedings of the 18th International Conference on Software Technologies – ICSOFT, 2023 ISBN 978-989-758-665-1; ISSN 2184-2833, SciTePress, pages 470-477. DOI: 10.5220/0012119500003538	B	2
5	A. Kerestely, A. Baicoianu, R. Bocu A research study on running machine learning algorithms on Big Data with Spark The 14 International Conference on Knowledge Science Engineering and Management, 2021 <a href="https://link.springer.com/chapter/10.1007/978-3-030-82136-4_25">https://link.springer.com/chapter/10.1007/978-3-030-82136-4_25</a>	B	4
6	A.B. Lixandru, S. Gorobievski, A. Baicoianu Acoustic modeling for indoor spaces using Ray-Tracing method The 14 International Conference on Knowledge Science Engineering and Management, 2021 <a href="https://link.springer.com/chapter/10.1007/978-3-030-82147-0_48">https://link.springer.com/chapter/10.1007/978-3-030-82147-0_48</a>	B	4
7	S. Ghiviriga, B. Budescu, A. Baicoianu The assessment of datasets in the context of object classification from photos Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020, pp. 2056–2064 <a href="https://ibima.org/accepted-paper/the-assessment-of-data-sets-in-the-context-of-object-classification-from-photos-using-convolutional-neural-networks/">https://ibima.org/accepted-paper/the-assessment-of-data-sets-in-the-context-of-object-classification-from-photos-using-convolutional-neural-networks/</a> WOS:000449306700020	B	4
8	A. Baicoianu About innovation and optimization with Logical Analysis of Data and WEKA Proceedings of the 28th International Business Information Management Association Conference - Vision 2020: Innovation Management, Development Sustainability, and Competitive Economic Growth, pp. 4157–4169 ISBN: 978-0-9860419-8-3 <a href="https://ibima.org/accepted-paper/innovation-optimization-logical-analysis-data-weka/">https://ibima.org/accepted-paper/innovation-optimization-logical-analysis-data-weka/</a> SCOPUS + <a href="https://0a10qggz5-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000392785700416">https://0a10qggz5-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000392785700416</a>	B	4
Categoria C			
1	S. Y. Shin, F. Pastore, D. Bianculli, A. Baicoianu Towards Generating Executable Metamorphic Relations Using Large Language Models Accepted at QUATIC 2024, email of acc	C	1
2	I.A. Moise, A. Baicoianu Optimizing Intensive Database Tasks Through Caching Proxy Mechanisms Accepted at ICSOFT 2024, letter of acceptance	C	1

3	I. C. Plajer, A. Băicoianu, L. Majercsik, M. Ivanovici NDVI Computation from Hyperspectral Images 2023 13th Workshop on Hyperspectral Imaging and Signal Processing: Evolution in Remote Sensing (WHISPERS) DOI: 10.1109/WHISPERS61460.2023.10431225	C	1
4	I. C. Plajer, A. Băicoianu, L. Majercsik AI-Based Visualization of Remotely-Sensed Spectral Images International Symposium on Signals, Circuits and Systems (ISSCS), 2023 DOI 10.1109/ISSCS58449.2023.10190908 SCOPUS	C	2
5	M. R. Raia, A. Ailincăi, A. Băicoianu, C. Husar, C. Irimia Condition Monitoring of Industrial Elevators Based on Machine Learning Models 28th International Conference on Emerging Technologies and Factory Automation (ETFA), 2023 DOI 10.1109/ETFA54631.2023.10275563 SCOPUS	C	0.66
6	A. Baicoianu, I.C. Plajer Considerations on efficient lexical analysis in the context of compiler design Bulletin of the Transilvania University of Brasov Series III Mathematics and Computer Science, 2023 DOI 10.31926/but.mif.2023.3.65.2.14	C	2
7	A. Baicoianu, A. Garofide, R.I. Luca, M. Vladarean Structural Optimization Using Genetic Algorithms International Conference on INnovations in Intelligent SysTems and Applications (INISTA), 2022 <a href="https://ieeexplore.ieee.org/document/9894243">https://ieeexplore.ieee.org/document/9894243</a>	C	1
8	A. Baicoianu, P. Stanoiu, M.N. Velea, C. Husar A Machine Learning Proposal for Condition Monitoring of Vehicle Suspension International Conference on INnovations in Intelligent SysTems and Applications (INISTA), 2022 <a href="https://ieeexplore.ieee.org/document/9894160">https://ieeexplore.ieee.org/document/9894160</a>	C	1
9	A. Baicoianu, I.C. Plajer Deterministic finite automata for brachycephaly risk estimation in dog breeding Bulletin of the Transilvania University of Brasov Series III Mathematics and Computer Science, 2021 2065-2151, 2065-216X(CD)	C	2
10	A. Baicoianu, A. Mathe Diagnose bearing failures with machine learning models International Conference on INnovations in Intelligent SysTems and Applications (INISTA), 2021	C	2

	DOI: 10.1109/INISTA52262.2021.9548506		
11	C. Antonya, C. Husar, S. Butnariu, S. Butnariu, C. Pozna, A. Băicoianu Driver-in-the-loop simulator of electric vehicles Automotive and Integrated Transport Systems - AITS, IOP Publishing, 2021 <a href="https://link.springer.com/chapter/10.1007/978-3-031-23721-8_11">https://link.springer.com/chapter/10.1007/978-3-031-23721-8_11</a> + CSUM, Springer chapter	C	0.33
12	A. Baicoianu, M. Demeter, A. Vasilescu Innovative Air Quality System with Emergency Notifications Bulletin of the Transilvania University of Brasov Series III Mathematics and Computer Science, 2019 2065-2151, 2065-216X(CD) SCOPUS	C	2
13	A. Baicoianu Implementing smart applications using genetic algorithms Bulletin of the Transilvania University of Brasov Series III Mathematics and Computer Science, 2017 <a href="https://www.proquest.com/openview/4854e5cb0b92cca8891a90db1182b984/1?pq-origsite=gscholar&amp;cbl=105972">https://www.proquest.com/openview/4854e5cb0b92cca8891a90db1182b984/1?pq-origsite=gscholar&amp;cbl=105972</a> SCOPUS	C	2
14	Băicoianu, I.V. Scheianu Managing and Optimizing Big Data Workloads for Producing On-demand User Centric Reports Big Data and Cognitive Computing, 2023 <a href="https://www.mdpi.com/2504-2289/7/2/78">https://www.mdpi.com/2504-2289/7/2/78</a> WOS:001014096200001 Volume7, Issue2 DOI10.3390/bdcc7020078 SCOPUS	C	2
15	B. Hanganu, L.A. Radu, A. Baicoianu Machine Learning for Condition Monitoring: Latest Trend and Review Proceedings of the 35th International Business Information Management Association, 2020 ISBN: 978-0-9998551-4-0 <a href="https://ibima.org/accepted-paper/machine-learning-for-condition-monitoring-latest-trend-and-review/">https://ibima.org/accepted-paper/machine-learning-for-condition-monitoring-latest-trend-and-review/</a> WOS:000661489803090	C	2
16	A. Baicoianu A Comparative Study of Some Classification Algorithms using WEKA and LAD Algorithm Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, 2014 <a href="https://atps.tucn.ro/html/index2.html">https://atps.tucn.ro/html/index2.html</a>	C	2

	ISSN 1584-4536, Volume 12, 2014, pp. 73-81		
17	C. Dobre, M. Lopataru, A. Băicoianu, I. C. Plajer Automata concepts over game design process Bulletin of the Transilvania University of Brasov Series III Mathematics and Computer Science, 2024 <a href="https://webbut.unitbv.ro/index.php/Series_III/article/view/7588">https://webbut.unitbv.ro/index.php/Series_III/article/view/7588</a>	C	1

Îndeplinirea standardelor minime, **perspectiva b)** (toate publicațiile):

Punctaje pe categorii	Formula	Punctaj realizat
A* = 0 A = 3	$A^*+A+B \geq 16$	<b>44</b>
B = 8 C = 16	$A^*+A+B+C \geq 32$	<b>68.99</b>

Perspectiva c), impactul rezultatelor (citări)

	Articol citat	Articol care citează	Categ	Pct
1	Software for plagiarism detection in computer source code	<a href="https://link.springer.com/article/10.1007/s10791-017-9313-y">https://link.springer.com/article/10.1007/s10791-017-9313-y</a> , Information Retrieval Journal *Lista Clasament AIS_clasament_JCR_iunie2018 (Primele 11%)	B	4
		<a href="https://onlinelibrary.wiley.com/doi/10.1002/cae.21608">https://onlinelibrary.wiley.com/doi/10.1002/cae.21608</a> , COMPUTER APPLICATIONS IN ENGINEERING EDUCATION *Lista Clasament Clasament AIS 2015	C	2
		<a href="https://www.worldscientific.com/doi/abs/10.1142/s0219649214500282">https://www.worldscientific.com/doi/abs/10.1142/s0219649214500282</a> Journal of Information & Knowledge Management 2022 Impact Factor: 1.2, 2022 CiteScore: 1.9 2022 Source Normalized Impact per Paper (SNIP): 0.413, 2022 SCImago Journal Rank (SJR): 0.226, SCOPUS	C	2
		<a href="https://infom.fon.bg.ac.rs/index.php/infom/article/view/2143">https://infom.fon.bg.ac.rs/index.php/infom/article/view/2143</a> , Journal for information technology and multimedia systems, <a href="https://infom.fon.bg.ac.rs/index.php/infom/about">https://infom.fon.bg.ac.rs/index.php/infom/about</a>	D	1
		<a href="https://downloads.webis.de/pan/publications/papers/lores_2014.pdf">https://downloads.webis.de/pan/publications/papers/lores_2014.pdf</a> , CEUR Workshop Proceedings, 1587, pp. 1–5, SCOPUS	C	2
		<a href="https://ieeexplore.ieee.org/abstract/document/9960266">https://ieeexplore.ieee.org/abstract/document/9960266</a> International Joint Conference 2022 - 17th International Joint Symposium on Artificial Intelligence and Natural Language Processing, iSAI-NLP 2022 and 3rd International Conference on Artificial Intelligence and Internet of Things, AIoT 2022, SCOPUS	C	2
2	A Plagiarism Detection System in Computer Source Code	<a href="https://www.academia.edu/112353820/Cross_Language_Source_Code_Re_Use_Detection_Using_Latent_Semantic_Analysis">https://www.academia.edu/112353820/Cross_Language_Source_Code_Re_Use_Detection_Using_Latent_Semantic_Analysis</a> , Universal Computer Science *Lista Clasament PRECISI_lista%20AIS%202016	C	2
		<a href="https://link.springer.com/article/10.1007/s10115-014-0742-2">https://link.springer.com/article/10.1007/s10115-014-0742-2</a> , Knowledge and Information Systems *Lista Clasament Clasament%20AIS%202015%20	B	4
3	About innovation and optimization with Logical Analysis of Data and WEKA	<a href="https://ibima.org/accepted-paper/multidimensional-data-representation-and-design-practices-for-marketing-databases/">https://ibima.org/accepted-paper/multidimensional-data-representation-and-design-practices-for-marketing-databases/</a> Proceedings of the 30th International Business Information Management Association Conference, IBIMA 2017 - Vision 2020: Sustainable Economic	B	4

		development, Innovation Management, and Global Growth, 2017-January, pp. 5071–5080 SCOPUS *core 2018		
4	Upon the performance of a Haskell parallel implementation	<a href="https://www.researchgate.net/publication/315972384">https://www.researchgate.net/publication/315972384</a> <u>Upon the Haskell support for the web applications development</u> Analele Universitatii Ovidius Constanta - Seria Matematica <a href="https://www.anstuocmath.ro/">https://www.anstuocmath.ro/</a> <a href="https://www.anstuocmath.ro/volume-xxiii-2015-fascicola-1.html">https://www.anstuocmath.ro/volume-xxiii-2015-fascicola-1.html</a> , SCOPUS	C	2
		<a href="https://trepo.tuni.fi/bitstream/handle/123456789/26363/Koskinen.pdf?sequence=4">https://trepo.tuni.fi/bitstream/handle/123456789/26363/Koskinen.pdf?sequence=4</a>	D	1
5	Managing and Optimizing Big Data Workloads for Producing On-demand User Centric Reports	<a href="https://www.researchgate.net/publication/376623586">https://www.researchgate.net/publication/376623586</a> <u>Nodes of Problems as a Component of the Smart Technology of City Monitoring as a Dynamic System/references</u> In book: Smart Technologies in Urban Engineering Part of the Lecture Notes in Networks and Systems book series (LNNS, volume 808) SCOPUS	C	2
6	Driver-in-the-Loop Simulator of Electric Vehicles	<a href="https://www.researchgate.net/publication/373891895">https://www.researchgate.net/publication/373891895</a> <u>Personalized Driving Styles in Safety-Critical Scenarios for Autonomous Vehicles An Approach Using Driver-in-the-Loop Simulations</u> SCOPUS Vehicles, <a href="https://www.mdpi.com/journal/vehicles">https://www.mdpi.com/journal/vehicles</a>	C	0.66
7	The influence of the Advanced Emergency Braking System in critical scenarios for autonomous vehicles	<a href="https://www.academia.edu/100896692/Autonomous_Vehicle_with_Emergency_Braking_Algorithm_Based_on_Multi_Sensor_Fusion_and_Super_Twisting_Speed_Controller">https://www.academia.edu/100896692/Autonomous_Vehicle_with_Emergency_Braking_Algorithm_Based_on_Multi_Sensor_Fusion_and_Super_Twisting_Speed_Controller</a> Applied Sciences, <a href="https://www.mdpi.com/journal/applsci">https://www.mdpi.com/journal/applsci</a>	B	1.33
8	Diagnose bearing failures with machine learning models	<a href="https://ieeexplore.ieee.org/document/9988804/references#references">https://ieeexplore.ieee.org/document/9988804/references#references</a> ICT-PEP 2022 - International Conference on Technology and Policy in Energy and Electric Power: Advanced Technology for Transitioning to Sustainable Energy and Modern Power Systems, Proceedings, pp. 198–203 SCOPUS	C	2
		<a href="https://www.tandfonline.com/doi/ref/10.1080/10589759.2023.2274015?scroll=top">https://www.tandfonline.com/doi/ref/10.1080/10589759.2023.2274015?scroll=top</a> Nondestructive Testing and Evaluation *Excel AIS_2022 (Q2 (3/8) la limită către Q1 din categorie)	B	4
9	A Machine Learning Proposal for Condition Monitoring of Vehicle Suspension	<a href="https://ieeexplore.ieee.org/abstract/document/10128628/references#references">https://ieeexplore.ieee.org/abstract/document/10128628/references#references</a> 2023 International Conference on Computer Communication and Informatics (ICCI)	B	2



		SCOPUS		
10	Data mining meets economic Analysis: Opportunities and Challenges	<a href="https://www.academia.edu/73973632/Developing_a_model_for_competitive_advantage_through_integration_of_data_mining_within_a_strategic_knowledge_management_framework_A_deep_case_study_of_a_global_mining_and_manufacturing_company">https://www.academia.edu/73973632/Developing_a_model_for_competitive_advantage_through_integration_of_data_mining_within_a_strategic_knowledge_management_framework_A_deep_case_study_of_a_global_mining_and_manufacturing_company</a>	D	1
		<a href="https://www.proquest.com/openview/553e5dc4832f087fc3b3f038136fa40d/1?pq-origsite=gscholar&amp;cbl=18750">https://www.proquest.com/openview/553e5dc4832f087fc3b3f038136fa40d/1?pq-origsite=gscholar&amp;cbl=18750</a>	D	1
		<a href="https://e-journal.uajy.ac.id/4424/">https://e-journal.uajy.ac.id/4424/</a>	D	1
11	A Comparative Study of Some Classification Algorithms using WEKA and LAD Algorithm	<a href="https://www.researchgate.net/profile/Marilou-Espina/publication/375759063_CREDIT_CARD_DEFAULT_PREDICTIVE_MODEL_USING_MACHINE_LEARNING_CLASSIFICATION_TECHNIQUE/links/655b362ab86a1d521bf9d6d6/CREDIT-CARD-DEFAULT-PREDICTIVE-MODEL-USING-MACHINE-LEARNING-CLASSIFICATION-TECHNIQUE.pdf">https://www.researchgate.net/profile/Marilou-Espina/publication/375759063_CREDIT_CARD_DEFAULT_PREDICTIVE_MODEL_USING_MACHINE_LEARNING_CLASSIFICATION_TECHNIQUE/links/655b362ab86a1d521bf9d6d6/CREDIT-CARD-DEFAULT-PREDICTIVE-MODEL-USING-MACHINE-LEARNING-CLASSIFICATION-TECHNIQUE.pdf</a> SCIENCE INTERNATIONAL <a href="https://www.isindexing.com/isi/viewjournal.php">https://www.isindexing.com/isi/viewjournal.php</a> <a href="http://www.sci-int.com/">http://www.sci-int.com/</a> IF 2.4, indexed WOS	C	2
12	Innovative Air Quality System with Emergency Notifications	<a href="https://ieeexplore.ieee.org/abstract/document/9197927/references#references">https://ieeexplore.ieee.org/abstract/document/9197927/references#references</a> ICRITO 2020 - IEEE 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), pp. 703–706, 9197927 SCOPUS	C	2
		<a href="https://ijaer.com/admin/upload/07%20Harsha%20Sawale%2001217.pdf">https://ijaer.com/admin/upload/07%20Harsha%20Sawale%2001217.pdf</a> <a href="https://www.ijaer.com/">https://www.ijaer.com/</a> INTERNATIONAL JOURNAL OF ADVANCES IN ENGINEERING RESEARCH	D	1
13	The determination of the guillotine restrictions for a rectangular covering model	<a href="https://ppgcc.ufersa.edu.br/wp-content/uploads/sites/42/2014/09/marianny-fidelis-de-sousa-mariano.pdf">https://ppgcc.ufersa.edu.br/wp-content/uploads/sites/42/2014/09/marianny-fidelis-de-sousa-mariano.pdf</a>	D	1
14	AI-Based Visualization of Remotely-Sensed Spectral Images	<a href="https://ieeexplore.ieee.org/abstract/document/10190944">https://ieeexplore.ieee.org/abstract/document/10190944</a> International Symposium on Signals, Circuits and Systems (ISSCS) SCOPUS	C	2
15	A Concretization of an Approximation Method for Non-Affine Fractal Interpolation Functions	<a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85174069602&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-85104087448&amp;src=s&amp;imp=t&amp;sid=63e969f7e52c9d620ee83f10b230bb30&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=0&amp;citeCnt=2&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85174069602&amp;origin=resultslist&amp;sort=plf-f&amp;cite=2-s2.0-85104087448&amp;src=s&amp;imp=t&amp;sid=63e969f7e52c9d620ee83f10b230bb30&amp;sot=cite&amp;sdt=a&amp;sl=0&amp;relpos=0&amp;citeCnt=2&amp;searchTerm=</a>	C	2

		Science and Technology Indonesia 8(4), pp. 654-659 <a href="https://sciencetechindonesia.com/index.php/jsti/absindex">https://sciencetechindonesia.com/index.php/jsti/absindex</a> <a href="https://www.letpub.com/journal-selector/journal/35321">https://www.letpub.com/journal-selector/journal/35321</a> SCOPUS		
16	Implementing smart applications using genetic algorithms	<a href="https://dl.acm.org/doi/abs/10.1145/3374135.3385308">https://dl.acm.org/doi/abs/10.1145/3374135.3385308</a> ACMSE 2020 - Proceedings of the 2020 ACM Southeast Conference, pp. 272–275, 3385308 SCOPUS + indexare pe WoS	C	2
17	Medical Emergency Department Triage Data Processing using a Machine-Learning Solution	<a href="https://www.bidgeyayinlari.com.tr/wp-content/uploads/2024/01/Acil-Tip-ingilizce-1.pdf#page=60">https://www.bidgeyayinlari.com.tr/wp-content/uploads/2024/01/Acil-Tip-ingilizce-1.pdf#page=60</a> Thesis	D	1
		<a href="https://www.bidgeyayinlari.com.tr/wp-content/uploads/2024/01/Acil-Tip-ingilizce-1.pdf#page=60">https://www.bidgeyayinlari.com.tr/wp-content/uploads/2024/01/Acil-Tip-ingilizce-1.pdf#page=60</a> chapter in Last call for Emergency Medicine, BIDGE Publications	D	1
		<a href="https://journals.lww.com/tjem/fulltext/2024/24020/february_6th_kahramanmara_earthquakes_and_the.2.aspx">https://journals.lww.com/tjem/fulltext/2024/24020/february_6th_kahramanmara_earthquakes_and_the.2.aspx</a>	C	2
		AI-Driven Emergency Patient Flow Optimization is Both an Unmissable Opportunity and a Risk of Systematizing Health Disparities, <a href="https://journals.flvc.org/FLAIRS/article/view/135570/140142">https://journals.flvc.org/FLAIRS/article/view/135570/140142</a>	D	1
18	Algebraic Model for the CPU Logic Unit Behaviour	<a href="https://www.researchgate.net/publication/279046678_Upon_the_Haskell_support_for_the_web_applications_development/references">https://www.researchgate.net/publication/279046678_Upon_the_Haskell_support_for_the_web_applications_development/references</a> Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica, SCOPUS	C	2

Îndeplinirea standardelor minime, **perspectiva c)**:

Formula	Punctaj realizat	Criteriu indeplinit
$A^*+A+B \geq 12$	<b>19.33</b>	DA
$A^*+A+B+C+D \geq 48$	<b>57.99</b>	

Perspectiva d), performanța academică

	Categ.	Puncte
<b>i) Cărți și capitole publicate în edituri</b>		
Driver-in-the-loop simulator of electric vehicles, C. Antonya, C. Husar, S. Butnariu, S. Butnariu, C. Pozna, A. Băicoianu, 2023, CSUM, Springer chapter	capitol	0.16
Springer chapter, <a href="https://link.springer.com/chapter/10.1007/978-3-030-82147-0_48">https://link.springer.com/chapter/10.1007/978-3-030-82147-0_48</a>	capitol	1
Springer chapter, <a href="https://link.springer.com/chapter/10.1007/978-3-030-82136-4_25">https://link.springer.com/chapter/10.1007/978-3-030-82136-4_25</a>	capitol	1
<b>iii) Publicarea unui curs universitar în format electronic</b>		
Procesarea imaginilor digitale. Curs pentru învățământ la distanță. Editura Universitatii Transilvania, 2024 – in curs de publicare	Curs universitar	2
Algoritmi Fundamentali. Curs pentru invatamant la distanta Editura Universitatii Transilvania, 2023 978-606-19-1654-2		2
Algoritmi fundamentali – Ghid practic pentru curs si laborator. O perspectivă C++ Editura Universitatii Transilvania, 2021 978-606-19-1347-3		2
Metoda elementului finit. Implementare cu FreeFem++. Îndrumar de laborator Editura Universitatii Transilvania, 2017 978-606-19-0895-0		2
Limbaje formale și teoria automatelor. Culegere de probleme Editura Universitatii Transilvania, 2012 978-606-19-0076-3		2
Limbaje Formale si Teoria Automatelor suport ID, 2013, vezi dovezi folder „probe”/intranet UniTBv		2
Tehnici de compilare suport ID, 2013, vezi dovezi folder „probe”/intranet UniTBv		2
<b>iv) Director/editor al unei reviste de tip: A*  A B C D</b>		

<p>Editor revistă indexată Scopus: Bulletin of the Transilvania University of Braşov. Series III. Mathematics and Computer Science  <a href="http://webbut.unitbv.ro/index.php/Series_III/Editorial_Board">http://webbut.unitbv.ro/index.php/Series_III/Editorial_Board</a>  *vezi actualizare membrii in folder „probe”</p>	C	6
<p><b>v) Director (coordonator/responsabil)   membru al unui grant/proiect/contract/program de cercetare național / internațional</b>  *Pentru toate proiectele se gasesc adeverințe în folder „probe”</p>		
<p>Romanian Excellence Center on Artificial Intelligence on Earth Observation Data for Agriculture (AI4AGRI), 2022-2025, <b>membru</b>  <a href="https://cordis.europa.eu/project/id/101079136">https://cordis.europa.eu/project/id/101079136</a></p>	>=500.000	5
<p>Digital Technologies and Artificial Intelligence (AI) solutions (DITARTIS), 2022-2025, <b>responsabil instituție</b>  <a href="https://cordis.europa.eu/project/id/101079242">https://cordis.europa.eu/project/id/101079242</a></p>	100.000-199.999	6
<p>New modular Electrical architecture and digital platform to Optimise large battery systems on SHIPs (NEMOSHIP), 2023-2026, <b>membru</b>  <a href="https://cordis.europa.eu/project/id/101096324">https://cordis.europa.eu/project/id/101096324</a></p>	200.00-499.999	4
<p>Intelligent Motion Control under Industry 4.E, 2021-2024, <b>membru</b>  <a href="https://cordis.europa.eu/project/id/101007311">https://cordis.europa.eu/project/id/101007311</a></p>	100.000-199.999	3
<p>Driver-In-the-Loop SIMulation for safety-critical testing scenarios of Electric Vehicles, 2020-2022, <b>membru</b>  Grant agreement ID: 101007311, a grant of the Romanian Ministry of Education and Research, CCCDI – UEFISCDI, project number PN-III-P2-2.1-PED-2019-4366, within PNCDI III,  <a href="http://www.dilsimev.ro/">http://www.dilsimev.ro/</a>  <a href="https://www.dilsimev.ro/project-team/">https://www.dilsimev.ro/project-team/</a></p>	100.000-199.999	3
<p>Powerful Advanced N-level Digital Architecture for models of electrified vehicles and their components (PANDA), 2018-2022, <b>membru</b>  Grant agreement ID: 824256, H2020-EU.3.4. - SOCIETAL CHALLENGES - Smart, Green And Integrated Transport,  <a href="https://cordis.europa.eu/project/id/824256">https://cordis.europa.eu/project/id/824256</a></p>	200.00-499.999	4
<p>Dezvoltarea unei platforme HIL pentru testarea bateriilor unui vehicul urban electric (UPSIVEL), 2017-2020, <b>membru</b>  Contract: 2 /20.07.2017, Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014 – 2020 „Investiții pentru viitorul dumneavoastră”, <a href="https://urbivel.utcluj.ro/">https://urbivel.utcluj.ro/</a></p>	>=500.000	5

High-Performance Computing of Personalized Cardio-Vascular Component Models, 2012-2016, <b>membru</b> PN-II-PT-PCCA-2011-3.2-1229 Vezi buget: <a href="http://old.uefiscdi.ro/userfiles/file/PARTENERIATE/Competite_2011/REZULTATE%20FINALE/TIP%202/T2%20-%20D6.pdf">http://old.uefiscdi.ro/userfiles/file/PARTENERIATE/Competite_2011/REZULTATE%20FINALE/TIP%202/T2%20-%20D6.pdf</a> <a href="https://heart.unitbv.ro/">https://heart.unitbv.ro/</a>	>=500.000	5
+ Câștigare Proiect IMINT, tip Soluții, tema 21 (detectie de mine și activități ilegale în Marea Neagră folosind imagistica / teledetectie), vezi rezultate <a href="https://uefiscdi.gov.ro/sol-2023-imint-pentru-marea-neagra-frontiere-mine">https://uefiscdi.gov.ro/sol-2023-imint-pentru-marea-neagra-frontiere-mine</a> Nr. propunere: PN-IV-P6-6.3-SOL-2024-0124 Instituție coordonatoare: UNIVERSITATEA NAȚIONALĂ DE ȘTIINȚĂ ȘI TEHNOLOGIE POLITEHNICA BUCUREȘTI Parteneri: Academia Tehnică Militară „FERDINAND I”; AGENTIA SPATIALA ROMANA; Academia Navala "Mircea cel Batran"; INTERGRAPH COMPUTER SERVICES S.R.L.; UNIVERSITATEA TRANSILVANIA BRASOV ( <b>membru</b> )	Acceptat spre finanțare și în fază de contractare.	

<b>vi) Membru în comitetul științific (de program) al unor conferințe, simpozioane, workshop-uri</b>		
International Business Information Management Conference (IBIMA) 36, 2020 <a href="https://ibima.org/conference/36th-ibima-conference/#ffs-tabbed-13">https://ibima.org/conference/36th-ibima-conference/#ffs-tabbed-13</a>	D	0.5
Membru in KNOWLEDGE COMMITTEE din proiectul Erasmus Cyber Agent Project - Prof coordonator Romania Toma Cristina <a href="https://erasmus-plus.ec.europa.eu/projects/search/details/101111732">https://erasmus-plus.ec.europa.eu/projects/search/details/101111732</a> *Adeverință în folder „probe”	D	0.5
<b>vii) Organizare evenimente științifice/școli de vară, în calitate de: - director   membru în comitetul de organizare</b>		
Membru în comitetul de organizare: International Conference on Mathematics and Computer Science (MACOS) 2024, <a href="https://macos.unitbv.ro/committees/">https://macos.unitbv.ro/committees/</a>		1
28th International Conference on Emerging Technologies and Factory Automation (ETFA) <a href="https://2023.ieee-etfa.org/main/static/files/ws_cfps/WS02_IMOCO4E.pdf">https://2023.ieee-etfa.org/main/static/files/ws_cfps/WS02_IMOCO4E.pdf</a>		1
Membru in comitet de organizare eveniment CONAT <a href="https://conat.ro/index.php/conat/2024/about/organizingTeam">https://conat.ro/index.php/conat/2024/about/organizingTeam</a>		1
<b>xvii) Premii și alte merite</b>		
<a href="https://uefiscdi.gov.ro/premiere-orizont-europa-echipe-de-cercetare">https://uefiscdi.gov.ro/premiere-orizont-europa-echipe-de-cercetare</a> <a href="https://uefiscdi.gov.ro/index.php">https://uefiscdi.gov.ro/index.php</a> , secțiune II		

Total perspectiva d): 61.16 (>=32)

Data: 20.06.2024