

Gaskó Noémi

Criteria	Praguri (conform documentului Anexa2-Informatica.pdf)	Realizat	Criteria îndeplinit (DA/NU)	Praguri	Realizat
Perspectiva b Indicatorul P	conferențiar: 32 (<i>din care 16 de categ A sau B</i>) intern UBB 35.20	76.16	DA	$A^*+A+B \geq 40$	56.66
	profesor: 56 (<i>din care 24 de categ A și 16 de categ A sau B</i>)			$A^*+A \geq 24$	42.66
Perspectiva c Indicatorul C	conferențiar: 48 (<i>din care 12 de categ A sau B</i>)	134	DA	$A^*+A+B \geq 40$	93
	profesor: 120 (<i>din care 40 de categ A sau B</i>)				
Perspectiva d	conferențiar: 36	64.75	DA	minim un proiect, cu echipa de cel puțin 2 membri, obținut de candidat prin competiție la nivel national sau international	director la 3 proiecte de tip TE, UEFISCDI, nr. minim la fiecare: 4 membri
	profesor: 60				

Perspectiva b

Reviste

Nr. crt.	Titlu	Autori	Revista	Volum, număr, pagini	Anul	Categorie forum	Nr autori na	Punctaj P
1	Evolutionary dynamic for inter-group cooperation	Suciu, M; Gasko, N; Dumitrescu, D	Romanian Journal of Information Science and Technology	16,2-3,203-216	2013	C	3	2.00
2	Characterization and Detection of ϵ -Berger-Zhukovskii Equilibria	Rodica Ioana Lung, Mihai Suciu, Noémi Gaskó, D Dumitrescu	PloS one	10,7,e0131983	2015	A	4	4.00
3	Noisy extremal optimization	Rodica Ioana Lung, Mihai Suciu, Noémi Gaskó	Soft Computing	21 (5), 1253-1270	2017	B	3	4.00
4	Approximation of Nash equilibria and the network community structure detection problem	MA Suciu, N Gaskó, RI Lung	PlosOne	12(5), e0174963	2017	A	3	8
5	A new network model for the study of scientific collaborations: Romanian computer science and mathematics co-authorship networks	Noémi Gaskó, Rodica Ioana Lung, Mihai Alexandru Suciu	Scientometrics	108(2), 613-632	2016	A(B-20%)	3	8
6	Pareto-based evolutionary multiobjective approaches and the generalized Nash equilibrium problem.	Lung, R. I., Gaskó, N., & Suciu, M. A.	Journal of Heuristics	1--24	2020	B	3	4
7	A hypergraph model for representing scientific output	Lung, R. I., Gaskó, N., & Suciu, M. A.	Scientometrics	117 (3), 1361-1379	2018	B	3	4
8	Scarce-resource capacity sharing in cognitive radio environments: a new game theoretical model	Ligia Cremene, Noémi Gaskó, Marcel Cremene, Mihai Suciu, Aurel Vlaicu, D Dumitrescu	Telecommunication Systems	Volume 66, Issue 2, pp 331–342	2017	C	6	0.50

Conferinte

Nr. crt.	Titlu	Autori	Revista	Volum, număr, pagini	Anul	Categorie forum	Nr autori na	Punctaj P
1	Community Detection in Bipartite Networks Using a Noisy Extremal Optimization Algorithm	N Gaskó, RI Lung, MA Suciú	ISDA	Springer, 871-878	2016	C	3	2
2	Optimizing test input generation for reactive systems with an adaptive differential evolution	A Szenkovits, N Gaskó, H Jakab	SYNASC	214-218	2016	C	3	2
3	Community Structure Detection for the Functional Connectivity Networks of the Brain	RI Lung, M Suciú, R Meszlényi, K Buza, N Gaskó	PPSN	Springer, 633-643	2016	A	5	2.66
4	Approximation of (k, t)-robust equilibria	TD Mihoc, RI Lung, N Gaskó, M Suciú	GECCO	ACM, 805-811	2016	A	4	4
5	Game theory, extremal optimization, and community structure detection in complex networks	M Suciú, RI Lung, N Gaskó	GECCO	ACM, 405-412	2016	A	3	8
6	Differential evolution for discrete-time large dynamic games	Mihai Suciú, Rodica Ioana Lung, Noémi Gaskó, D Dumitrescu	Evolutionary Computation (CEC), 2013 IEEE Congress on, CEC	2108-2113	2013	B	4	2
7	Community structure detection in multipartite networks: a new fitness measure	Gaskó, N., Bota, F., Suciú, M., & Lung, R. I.	GECCO	ACM, 259-265	2017	A	4	4

8	A Game Theoretical Perspective on Small-Cell Open Capacity Sharing in Cognitive Radio Environments	LC Cremene, N Gaskó, M Cremene, D Dumitrescu	Internet of Things, Smart Spaces, and Next Generation Networking, LNCS	247-259	2013	C	4	1
9	Environment-Model Based Testing with Differential Evolution in an Industrial Setting	A Szenkovits, N Gaskó, E Jahier	EVOSTAR, LNCS	Springer, 819-830	2016	C	3	2
10	Multiobjective Evolution of Mixed Nash Equilibria	D Iclănzan, N Gaskó, R Nagy, D Dumitrescu	International Conference on Learning and Intelligent Optimization, LNCS	Springer, 304-314	2014	C	4	1
13	Between Selfishness and Altruism: Fuzzy Nash–Berge-Zhukovskii Equilibrium	R Nagy, N Gaskó, RI Lung, D Dumitrescu	PPSN	Springer, 500-509	2012	A	4	4
16	Mixing Network Extremal Optimization for Community Structure Detection	Mihai Suciu, Rodica Ioana Lung, Noémi Gaskó	Evolutionary Computation in Combinatorial Optimization, EvoCOP - EvoStar, LNCS	9026 , 126-137	2015	C	3	2
17	Detecting strong Berge Pareto equilibrium in a non-cooperative game using an evolutionary approach	D Dumitrescu, RI Lung, N Gaskó	SACI2011	IEEE, 101-104	2011	C	3	2
18	Detecting different joint equilibria with an evolutionary approach	Noémi Gaskó, D Dumitrescu, Rodica Ioana Lung	SAMI2011	IEEE,343-347	2011	C	3	2
19	Influence Maximization and Extremal Optimization.	Képes, T., Gaskó, N., Lung, R. I., & Suciu, M. A.	International Conference on Hybrid Artificial Intelligence Systems	pp. 416-427. Springer, Cham	2019	C	4	1

20	Shapley Value and Extremal Optimization for the Network Influence Maximization Problem	Gaskó, N., Suciú, M. A., Képes, T., & Lung, R. I.	SYNASC	(pp. 182-189). IEEE	2019	C	4	1
21	Job scheduling and bin packing from a game theoretical perspective: An evolutionary approach	D Dumitrescu, RI Lung, N Gasko, R Nagy	SYNASC	IEEE,209-214	2010	C	4	1
							TOTAL	76.16

Perspectiva c

Articol	Citat in	Categoria	Punctaj
Dumitrescu, D., Lung, R. I., Gaskó, N., & Dan, T. M. (2010, July). Evolutionary detection of Aumann equilibrium. In <i>Proceedings of the 12th annual conference on Genetic and evolutionary computation</i> (pp. 827-828). ACM.			
	Greiner, D., Periaux, J., Emperador, J. M., Galván, B., & Winter, G. (2017). Game theory based evolutionary algorithms: a review with nash applications in structural engineering optimization problems. <i>Archives of Computational Methods in Engineering</i> , 24 (4), 703-750.	A*	6
Lung, R. I., Suci, M., & Gaskó, N. (2017). Noisy extremal optimization. <i>Soft Computing</i> , 21(5), 1253-1270.			
	Buza, Krisztian. "ASTERICS: Projection-based Classification of EEG with Asymmetric Loss Linear Regression and Genetic Algorithm." 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI). IEEE, 2020.	D	1
	Buza, K., Peška, L., & Koller, J. (2020). Modified linear regression predicts drug-target interactions accurately. <i>Plos one</i> , 15(4), e0230726.	B	4
Gaskó, N., Dumitrescu, D., & Lung, R. I. (2011, October). Evolutionary Detection of Berge and Nash Equilibria. In <i>NICSO</i> (pp. 149-158).			
	Salukvadze, M. E., & Zhukovskiy, V. I. The Berge Equilibrium: A Game-Theoretic Framework for the Golden Rule of Ethics. Springer	D	1
	Mihoc, T. D. (2014). A Generative Relation for Nash Equilibria on Symmetric Action Graph Games. In <i>EVOLVE-A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation V</i> (pp. 53-58). Springer, Cham.	D	1

	Zarei, M., & Salami, A. (2016). Improving the game theoretic analysis of electricity auctions applied in medium markets. <i>Journal of Computational Science</i> , 17 , 83-96.	B	4
	Nahhas, A., & Corley, H. W. (2017). A Nonlinear Programming Approach to Determine a Generalized Equilibrium for N-Person Normal Form Games. <i>International Game Theory Review</i> , 19 (03), 1750011.	D	1
	Özsoy, V.S., Ünsal, M.G. & Örkücü, H.H. Use of the heuristic optimization in the parameter estimation of generalized gamma distribution: comparison of GA, DE, PSO and SA methods. <i>Comput Stat</i> 35, 1895–1925 (2020).	C	2
	Mihoc, T. D. (2017). A New Estimation of Distribution Algorithm for Nash Equilibria Detection. In <i>EVOLVE—A Bridge between Probability, Set Oriented Numerics and Evolutionary Computation VII</i> (pp. 99-107).	D	1
Suciu, M., Lung, R. I., & Gaskó, N. (2015, April). Mixing network extremal optimization for community structure detection. In <i>European Conference on Evolutionary Computation in Combinatorial Optimization</i> (pp. 126-137). Springer, Cham.			
	Zhao, S., Yu, C., & Zhang, Y. (2017, September). Hierarchical Community Detection Based on Multi Degrees of Distance Space and Submodularity Optimization. In <i>Chinese National Conference on Social Media Processing</i> (pp. 343-354). Springer, Singapore.	D	1
Gasko Noemi, Suciu Mihai, Lung Rodica I, D Dumitrescu., (2012). Pareto-optimal Nash equilibrium detection using an evolutionary approach. <i>Acta Univ. Sapientiae</i> , 4 (2), 237-246.			

	Zhukovskiy, V., & Kudryavtsev, K. (2020). Pareto Optimality and Equilibria in Noncooperative Games. In Multicriteria Optimization-Pareto-Optimality and Threshold-Optimality. IntechOpen.	D	0.5
	Zhukovskiy, V. I., & Kudryavtsev, K. N. (2016). Pareto-optimal Nash equilibrium: Sufficient conditions and existence in mixed strategies. <i>Automation and Remote Control</i> , 77 (8), 1500-1510.	C	1
	Kudryavtsev, K., Zhukovskiy, V., & Stabulit, I. (2017, May). One method for computing the Pareto-optimal Nash equilibrium in bimatrix game. In <i>Constructive Nonsmooth Analysis and Related Topics (dedicated to the memory of VF Demyanov)(CNSA), 2017</i> (pp. 1-3). IEEE.	D	0.5
	Aggarwal, A., & Khan, I. (2016). Solving multi-objective fuzzy matrix games via multi-objective linear programming approach. <i>Kybernetika</i> , 52 (1), 153-168.	C	1
	Das, R., Goswami, S., & Konar, A. (2019, July). Relationship between Nash Equilibria and Pareto Optimal Solutions for Games of Pure Coordination. In 2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT) (pp. 1-7). IEEE.	D	0.5
Suciu, M., Lung, R. I., Gaskó, N., & Dumitrescu, D. (2013, June). Differential evolution for discrete-time large dynamic games. In <i>Evolutionary Computation (CEC), 2013 IEEE Congress on</i> (pp. 2108-2113). IEEE.			
	Tagawa, K., & Suenaga, T. (2014). Extended Differential Evolution Algorithm for Worst-Case Value Minimization Problems. <i>International Journal of Mathematical Models and Methods in Applied Sciences</i> , 8 , 262-272.	D	0.5
	TAGAWA, K., & SUENAGA, T. Pessimistic Prediction-Based Evolutionary Algorithm for Uncertain Optimization Problems, ISBN: 978-960-474-344-5	D	0.5

Cremene, L. C., Dumitrescu, D., Nagy, R., & Gasko, N. (2012, July). Cognitive radio simultaneous spectrum access/one-shot game modelling. In <i>Communication Systems, Networks & Digital Signal Processing (CSNDSP), 2012 8th International Symposium on</i> (pp. 1-6). IEEE.			
	Minhas, Q., Mahmood, H., & Malik, H. (2016). Channel selection for simultaneous move game in cognitive radio ad hoc networks. <i>Wireless Networks</i> , 22 (1), 61-68.	B(C-20%)	2
	Dzikowski, J. (2017). An Agent-Based Framework for Exploratory Cognitive Radio Studies (Doctoral dissertation, Illinois Institute of Technology).	D	0.5
Gaskó, N., Lung, R. I., & Suciu, M. A. (2016). A new network model for the study of scientific collaborations: Romanian computer science and mathematics co-authorship networks. <i>Scientometrics</i> , 108 (2), 613-632.			
	Magalingam, P., Samy, G. N., Maarop, N., Safie, W. N. H. W., Rijal, M. K., Fang, L. Y., ... & Yassin, M. (2018). Exploratory Experiment on Co-Authorship Network using Social Network Analysis Metrics and Measures. <i>International Journal of Engineering & Technology</i> , 7(4.35), 782-790.	D	1
	Hâncean, M. G., & Perc, M. (2016). Homophily in coauthorship networks of East European sociologists. <i>Scientific reports</i> , 6 , 36152.	A	8
	Hayat, T., Hayat, T., Lyons, K., & Lyons, K. (2017). A typology of collaborative research networks. <i>Online Information Review</i> , 41 (2), 155-170.	B	4
	Fu, H. Z., Chu, J., & Zhang, M. In-depth analysis of international collaboration and inter-institutional collaboration in nuclear science and technology during 2006–2015. <i>Journal of Nuclear Science and Technology</i> , 55 (1), 29-40, 2018.	C	2

	Chicaiza, J., Piedra, N., Lopez-Vargas, J., & Tovar-Caro, E. (2018, April). Discovery of potential collaboration networks from open knowledge sources. In Global Engineering Education Conference (EDUCON), 2018 IEEE (pp. 1320-1325). IEEE.	D	1
	Fu, H. Z., & Ho, Y. S. (2018). Collaborative characteristics and networks of national, institutional and individual contributors using highly cited articles in environmental engineering in Science Citation Index Expanded. <i>Current Science</i> (00113891), 115(3).	C	2
	TEODORESCU, H. N. (2019, October). How Central European countries fare in speech and language technology research?. In 2019 International Conference on Speech Technology and Human-Computer Dialogue (SpeD) (pp. 1-6). IEEE.	D	1
	Singh, Chakresh Kumar, Ravi Vishwakarma, and Shivakumar Jolad. "Exploring the role and nature of interactions between institutes in a local affiliation network." In <i>International Workshop on Complex Networks</i> , pp. 169-181. Springer, Cham, 2019.	D	1
	Shao, Z., Li, Y., Wu, K., Guo, Y., Feng, F., Hui, F., ... & Zheng, Y. (2018). How academic librarians involve and contribute in research activities of universities? A systematic demonstration in practice through comparative studies of research productivities and research impacts. <i>The Journal of Academic Librarianship</i> .	B	4
	Li, K., Dai, W., Wang, W., & Song, R. (2016, June). Research on Text Mining of Biomedical Field Based on Pubmed. In 2017 2nd International Conference on Machinery, Electronics and Control Simulation (MECS 2017). Atlantis Press.	D	1
	Singh, C. K., & Jolad, S. (2019). Structure and evolution of Indian physics co-authorship networks. <i>Scientometrics</i> , 118(2), 385-406.	A	8
	Doreian, P., Batagelj, V., & Ferligoj, A. (Eds.). (2020). <i>Advances in Network Clustering and Blockmodeling</i> . John Wiley & Sons.	D	1
	Han, Lihong, Gaofeng Zhang, Binbin Yong, Qiang He, Fang Feng, and Qingguo Zhou. "Statistical study of characteristics of online reading behavior networks in university digital library." <i>World Wide Web</i> 22, no. 3 (2019): 1175-1187.	B	4

Lung, R. I., Suciu, M., Gaskó, N., & Dumitrescu, D. (2015). Characterization and Detection of ϵ -Berger-Zhukovskii Equilibria. <i>PLoS one</i> , 10 (7), e0131983.			
	Salukvadze, M. E., & Zhukovskiy, V. I. The Berge Equilibrium: A Game-Theoretic Framework for the Golden Rule of Ethics. Springer	D	0.5
	Kudryavtsev, K., Ukhobotov, V., & Zhukovskiy, V. (2018, October). The Berge Equilibrium in Cournot Oligopoly Model. In International Conference on Optimization and Applications (pp. 415-426). Springer, Cham.	D	0.5
	Larbani, M., & Zhukovskii, V. I. (2017). Berge equilibrium in normal form static games: a literature review. <i>Известия Института математики и информатики Удмуртского государственного университета</i> , 49 (0), 80-110.	D	0.5
Dumitrescu, D., Lung, R. I., & Gaskó, N. (2011, May). Detecting strong Berge Pareto equilibrium in a non-cooperative game using an evolutionary approach. In <i>Applied Computational Intelligence and Informatics (SACI), 2011 6th IEEE International Symposium on</i> (pp. 101-104). IEEE.			
	Honjo, K., & Satake, A. (2014). N-player mosquito net game: Individual and social rationality in the misuse of insecticide-treated nets. <i>Journal of theoretical biology</i> , 342, 39-46.	B	4
	Salukvadze, M. E., & Zhukovskiy, V. I. The Berge Equilibrium: A Game-Theoretic Framework for the Golden Rule of Ethics. Springer	D	1
Dumitrescu, D., Lung, R. I., Gasko, N., & Nagy, R. (2010, September). Job scheduling and bin packing from a game theoretical perspective: An evolutionary approach. In <i>Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2010 12th International Symposium on</i> (pp. 209-			

	Ananth, A., & Sekaran, K. C. (2014, September). Game theoretic approaches for job scheduling in cloud computing: A survey. In <i>Computer and Communication Technology (ICCT), 2014 International Conference on</i> (pp. 79-85). IEEE.	D	0.5
	Ananth, A., & Chandrasekaran, K. (2015, December). Cooperative game theoretic approach for job scheduling in cloud computing. In <i>Computing and Network Communications (CoCoNet), 2015 International Conference on</i> (pp. 147-156). IEEE.	D	0.5
Suciu, Mihai, Rodica Ioana Lung, and Noémi Gaskó. "Game theory, extremal optimization, and community structure detection in complex networks." <i>Proceedings of the 2016 on Genetic and Evolutionary Computation Conference</i> . ACM, 2016.			
	Mourchid, F., Kobbane, A., Othman, J. B., & Koutbi, M. E. (2017, June). A game-theoretic approach for non-overlapping communities detection. In <i>Wireless Communications and Mobile Computing Conference (IWCMC), 2017 13th International</i> (pp. 1315-1320). IEEE.	B	4
Szenkovits, A., Gaskó, N., & Jahier, E. (2016, March). Environment-model based testing with differential evolution in an industrial setting. In <i>European Conference on the Applications of Evolutionary Computation</i> (pp. 819-830). Springer, Cham.			
	Viktorin, A., Senkerik, R., Pluhacek, M., & Kadavy, T. (2020). Analysing knowledge transfer in SHADE via complex network. <i>Logic Journal of the IGPL</i> , 28(2), 153-170.	A	8
	Labati, R. D., Genovese, A., Muñoz, E., Piuri, V., & Scotti, F. (2018). Applications of computational intelligence in industrial and environmental scenarios. In <i>Learning Systems: From Theory to Practice</i> (pp. 29-46). Springer, Cham.	D	1

Szenkovits, A., Gaskó, N., & Jakab, H. (2016, September). Optimizing test input generation for reactive systems with an adaptive differential evolution. In <i>Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2016 18th International Symposium on</i> (pp. 214-218). IEEE.			
	Viktorin, A., Pluhacek, M., Senkerik, R., & Kadavy, T. (2017, June). Detecting Potential Design Weaknesses in SHADE Through Network Feature Analysis. In <i>International Conference on Hybrid Artificial Intelligence Systems</i> (pp. 662-673). Springer, Cham.	C	2
	Viktorin, A., Senkerik, R., Pluhacek, M., & Kadavy, T. (2018). Analysing knowledge transfer in SHADE via complex network. <i>Logic Journal of the IGPL</i> .	C	2
Dumitrescu, D., Lung, R. I., & Gaskó, N. (2010, November). An Evolutionary approach for detecting Aumann equilibrium in congestion games. In <i>Computational Intelligence and Informatics (CINTI), 2010 11th International Symposium on</i> (pp. 43-46). IEEE.			
	Greiner, D., Periaux, J., Emperador, J. M., Galván, B., & Winter, G. (2017). Game theory based evolutionary algorithms: a review with nash applications in structural engineering optimization problems. <i>Archives of Computational Methods in Engineering</i> , 24 (4), 703-750.	A*	12
Dumitrescu D, Lung RD, Gaskó N, Nagy R (2012) Equilibria detection in non-cooperative game theory—an evolutionary approach. <i>Games '12 proceedings of the 4th world congress of the game theory society</i>			
	Ларбани, М., & Жуковский, В. И. (2018). Berge equilibrium in normal form static games: a literature review. <i>Известия Института математики и информатики Удмуртского государственного университета</i> , 49, 80-110.	D	0.5

	Greiner, D., Periaux, J., Emperador, J. M., Galván, B., & Winter, G. (2017). Game theory based evolutionary algorithms: a review with nash applications in structural engineering optimization problems. <i>Archives of Computational Methods in Engineering</i> , 24 (4), 703-750.	A*	6
Szenkovits, A., Meszlényi, R., Buza, K., Gaskó, N., Lung, R. I., & Suciú, M. (2018). Feature Selection with a Genetic Algorithm for Classification of Brain Imaging Data. In <i>Advances in Feature Selection for Data and Pattern Recognition</i> (pp. 185-202). Springer, Cham.			
	Bist, A. S. (2018). Genetic and Firefly algorithm in Instance and Feature Selection: An Approach for Malware Detection. <i>International Journal of Digital Information and Wireless Communications</i> , 8(4), 232-239.	D	0.25
	Bratić, B., Kurbalija, V., Ivanović, M., Oder, I., & Bosnić, Z. (2018). Machine learning for predicting cognitive diseases: methods, data sources and risk factors. <i>Journal of medical systems</i> , 42(12), 243.	B	1
	Khan, Muhammad A., et al. "Brain tumor detection and classification: A framework of marker-based watershed algorithm and multilevel priority features selection." <i>Microscopy research and technique</i> 82.6 (2019): 909-922.	C	0.5
	Saqib, P., Qamar, U., Aslam, A., & Ahmad, A. (2019, July). Hybrid of Filters and Genetic Algorithm-Random Forests Based Wrapper Approach for Feature Selection and Prediction. In <i>Intelligent Computing- Proceedings of the Computing Conference</i> (pp. 190-199). Springer, Cham.	D	0.25
	Tang, B., Iyer, A., Rao, V., & Kong, N. (2019). Group-Representative Functional Network Estimation from Multi-Subject fMRI Data via MRF-based Image Segmentation. <i>Computer Methods and Programs in Biomedicine</i> .	A	2
	Burduk, R., & Bozejko, W. (2019, September). Modified Score Function and Linear Weak Classifiers in LogitBoost Algorithm. In <i>International Conference on Image Processing and Communications</i> (pp. 49-56). Springer, Cham.	D	0.25

	Robert Burduk, Wojciech Bozejko, Gentle AdaBoost Algorithm with Score Function Dependent on the Distance to Decision Boundary, CISIM 2019	C	0.5
	Burduk, R., Bozejko, W. and Zacher, S., 2020, March. Novel Approach to Gentle AdaBoost Algorithm with Linear Weak Classifiers. In Asian Conference on Intelligent Information and Database Systems (pp. 600-611). Springer, Cham.	D	0.25
	Chaudhry, M. U., & Lee, J. H. (2018). MOTiFS: Monte Carlo Tree Search Based Feature Selection. <i>Entropy</i> , 20(5), 385.	A(B-20%)	2
EXTREMAL OPTIMIZATION AND NETWORK COMMUNITY STRUCTURE, Noemi Gasko, Rodica Ioana Lung, Mihai Suci			
	Gharbi, Hana, Sahbi Bahroun, and Ezzeddine Zagrouba. "Key frame extraction for video summarization using local description and repeatability graph clustering." <i>Signal, Image and Video Processing</i> 13, no. 3 (2019): 507-515.	C	2
Gaskó, N., Lung, R. I., & Suci, M. A. (2016, December). Community Detection in Bipartite Networks Using a Noisy Extremal Optimization Algorithm. In International Conference on Intelligent Systems Design and Applications (pp. 871-878). Springer, Cham.			
	Wang, X., & Liu, J. (2018). A comparative study of the measures for evaluating community structure in bipartite networks. <i>Information Sciences</i> , 448, 249-262.	A	8
Gaskó, N., Bota, F., Suci, M., & Lung, R. I. (2017, July). Community structure detection in multipartite networks: a new fitness measure. In Proceedings of the Genetic and Evolutionary Computation Conference (pp. 259-265).			
	Bar-Hen, A., Barbillon, P., & Donnet, S. (2020). Block models for generalized multipartite networks: Applications in ecology and ethnobiology. <i>Statistical Modelling</i> , 1471082X20963254.	B	2
Lung, R. I., Gaskó, N., & Suci, M. A. (2018). A hypergraph model for representing scientific output. <i>Scientometrics</i>, 117(3), 1361-1379.			

	Kumar, T., Vaidyanathan, S., Ananthapadmanabhan, H., Parthasarathy, S., & Ravindran, B. (2020). Hypergraph clustering by iteratively reweighted modularity maximization. <i>Applied Network Science</i> , 5(1), 1-22.	D	1
	Johansson, P. (2020). Dynamic Co-authorship Network Analysis with Applications to Survey Metadata.	D	1
	Teli, S., & Dutta, B. (2020). Revisiting De Solla Price: growth dynamics studies of various subjects over last one hundred years. <i>Annals of Library and Information Studies (ALIS)</i> , 67(1), 17-35.	D	1
	Akram, M., & Luqman, A. (2020). Fuzzy Hypergraphs. In <i>Fuzzy Hypergraphs and Related Extensions</i> (pp. 1-75). Springer, Singapore.	D	1
	Erdemir, M., Goz, F., Mutlu, A., & Karagoz, P. (2019). Comparison of Querying Performance of Neo4j on Graph and Hyper-graph Data Model.	D	1
		TOTAL	134

	Perspectiva d		
Criteria		Detali	Punctaj
i)	Cărți de autor/editate și capitole publicate		
	carte (categoria D)	Gaskó Noémi, Kása Zoltán <i>Gráfalgoritmusok</i> , Presa Clujeana Universitara 2015	2
	capitol (categoria B)	Szenkovits, A., Meszlényi, R., Buza, K., Gaskó, N., Lung, R. I., & Suci, M. (2018). Feature Selection with a Genetic Algorithm for Classification of Brain Imaging Data. In <i>Advances in Feature Selection for Data and Pattern Recognition</i> (pp. 185-202). Springer, Cham.	1
iii)	Publicarea unui curs universitar în format electric		
	curs electronic Algoritmi de optimizare pentru studenții anului 3 (curs opțional în lb maghiară)	Optimization Algorithms https://canvas2.cs.ubbcluj.ro/files/163454/download?download_frd=1	2
v)	Director (coordonator/responsabil) membru al unui grant/proiect/contract/program de cercetare național/internațional		
	director - proiect național	ECEG - Equilibria concepts in economic games. New models in static and dynamic settings. Grant of the Romanian National Authority for Scientific Research and Innovation, CNCS – UEFISCDI, project number PN-II-RU-TE-2014-4-2560, 2015-2017 (valoarea proiectului 100000-199999 euro)	6
	director - proiect național	GT-NDNetw - Game Theoretical Approaches for the Critical Node Detection Problem in Social and Economic Networks, PN-III-P1-1.1-TE-2019-1633 (valoarea proiectului 50000-99999 euro)	4
	director - proiect național	SCI-GT - New scientometric insight in co-authorship networks: game theoretic approaches. Grant of the Romanian National Authority for Scientific Research and Innovation, CNCS – UEFISCDI, project number PN-III-P1-1.1-TE-2016-1933 (valoarea proiectului 100000-199999 euro)	6

	membru - proiect național	CSC-N - Community structure and diffusion in social and economic networks, Grant of the Romanian National Authority for Scientific Research and Innovation, CNCS – UEFISCDI, project number PN-II-RU-TE-2014-4-2332, 2015-2017 (valoarea proiectului 100000-199999 euro)	3
	membru - proiect național	Distributed service composition and adaptation mechanisms, based on multi-criterial optimization, PN-II-RU-TE-2009-1- 252, 2012-2013 (valoarea proiectului 100000-199999 euro)	3
	membru - proiect național	Noi modele de clasificare bazate pe teoria jocurilor și inteligența computațională; aplicații în economie, proiect PCE (valoarea proiectului 200000-499999 euro)	4
	membru - proiect intern UTCN	Utilizarea eficientă a resurselor în rețele radio cognitive, 2013-2014, intern proiect UTCN, CI 24311/2013 (valoarea proiectului <50000 euro)	1
vi)	Membru în comitetul științific (de program) al unor conferințe, simpozioane, workshop-uri		
	Membru comitet Evolve2015 EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation, Iasi, Romania, 18-24 June 2015 (Springer, categoria D)	http://www.evolve-conference.org/2015-pc	0.5
vii)	Organizare evenimente științifice/școli de vară		
	CopCom2011, 1st International Workshop on Coping with Complexity, October 19-20, 2011, membru	http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=17772&copyownerid=21883	1
	CopCom2012, Artificial Intelligence, Computational Game Theory, and Decision Theory ~unifying paths~. Cluj Napoca, 9 Noiembrie 2012, membru	https://econ.ubbcluj.ro/~rodica.lung/copcom2012/	1

	NICSO2011, Nature Inspired Cooperative Strategies for Optimization. October 20-22, Cluj Napoca, membru	http://193.231.19.17/~rodica.lung/nicso2011/?page_id=23%20%20(organizator in Cadrul Centrului de Studiul Complexitatii)	1
	KEPT2013, Knowledge Engineering: Principles and Techniques Conference Babes-Bolyai University July 5-7, 2013, membru	http://www.cs.ubbcluj.ro/kept2013/	1
	MACS2018, 12th Joint Conference on Mathematics and Computer Science Cluj-Napoca, June 14 – 17, 2018	http://www.cs.ubbcluj.ro/~macs/2018/	1
viii)	Keynote/invited speaker/profesor la evenimente/universități		
	Invitat la Tabara de Studenti HINTA, 1. tabara in memoria dlui D. Dumitrescu		1
	Invitat Keynote Speaker la Conferinta MTNE 2017, 3-5 noiembrie 2017 (Zilele Stiintei Maghiare din Transilvania, UBB)	http://www.cs.ubbcluj.ro/~darvay/eme/mtne2017/#eloadok	1
ix)	Profesor/cercetător asociat/visiting la o universitate		
	Stagiu de cercetare la University of Leiden, 1 saptamana, 2018	Universitatea Leiden top100 în anul 2018	2
	Stagiu de cercetare la Universitatea Eötvös Lorand, Budapesta, Ungaria, Facultatea de Informatica – 1 sapt, 2019	ELTE >top500 în anul 2019	0.25
	Stagiu de cercetare la Universitatea Eötvös Lorand, Budapesta, Ungaria, Facultatea de Informatica – 8 luni, 2010	ELTE top500 în anul 2010	16
x)	Consolidare de echipe de cercetare		
	ECEG - Equilibria concepts in economic games. New models in static and dynamic settings. Grant of the Romanian National Authority for Scientific Research and Innovation, CNCS – UEFISCDI, project number PN-II-RU-TE-2014-4-2560, 2015-2017	national, 2 ani	4

	SCI-GT - New scientometric insight in co-authorship networks: game theoretic approaches. Grant of the Romanian National Authority for Scientific Research and Innovation, CNCS – UEFISCDI, project number PN-III-P1-1.1-TE-2016-1933	national, 2 ani (2 puncte, deoarece punctajul de la criteriul x) nu trebuie sa fie mai mult de 10% din punctajul total al perspectivei d)	2
xv)	Premii		
		· Prize for the scientific excellence awarded by the Faculty of Mathematics and Computer Science, Babeş-Bolyai University, October 2016.	0.5
		· Prize for the scientific excellence awarded by Babeş-Bolyai University, April 2016	0.5
		TOTAL	64.75