

Anca ANDREICA Producția științifică	
Lucrări categoriile A, B și C	118 puncte
Lucrări categoriile A și B	92 puncte

Lucrări categoria A	
	Punctaj
A. Agapie, A. Andreica, M. Giuclea, <i>Probabilistic Cellular Automata</i> , <i>Journal of Computational Biology</i> , vol. 21, issue 9, (2014), p. 699-708.	8
D. Iclanzan, A. Gog (Andreica), C. Chira, <i>Cell state change dynamics in cellular automata</i> , <i>Memetic Computing: Volume 5, Issue 2</i> (2013), p. 131-139.	8
C. Chira, A. Gog (Andreica), D. Iclanzan, <i>Evolutionary Detection of Community Structures in Complex Networks: a New Fitness Function</i> , <i>Proceedings of IEEE Congress on Evolutionary Computation (CEC 2012)</i> , Brisbane, Australia, 2012, p. 1719-1726.	8
D. Iclanzan, P.I Fulop, C. Chira, A. Gog (Andreica), <i>Towards the Efficient Evolution of Particle-Based Computation in Cellular Automata</i> , <i>Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2011)</i> , Dublin, Ireland, ACM, 2011, p. 835-836.	4
C. Chira, A. Gog (Andreica), <i>Fitness Evaluation for Overlapping Community Detection in Complex Networks</i> , <i>Proceedings of IEEE Congress on Evolutionary Computation (CEC 2011)</i> , New Orleans, 2011, p. 2200-2206.	8

C. Chira, A. Gog (Andreica), D. Dumitrescu, <i>Asynchronous Collaborative Search using Adaptive Co-Evolving Subpopulations</i> , Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2009), Montreal, Canada, ACM, 2009, p. 2575-2582.	8
A. Gog (Andreica), C. Chira, D. Dumitrescu, <i>Asynchronous Evolutionary Search: Multi-Population Collaboration and Complex Dynamics</i> , Proceedings of IEEE Congress on Evolutionary Computation (CEC 2009), Trondheim, Norway, 2009, p. 240-246.	8
C. Chira, A. Gog (Andreica), D. Dumitrescu, <i>Exploring Population Geometry and Multi-Agent Systems: A New Approach to Developing Evolutionary Techniques</i> . Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2008), Atlanta, USA, ACM, p. 1953-1960.	8
A. Gog (Andreica), D. Dumitrescu, B. Hirsbrunner, <i>New Selection Operators based on Genetic Relatedness for Evolutionary Algorithms</i> . Proceedings of IEEE Congress on Evolutionary Computation (CEC 2007), Singapore, 2007, p. 4610-4614.	8
A. Gog (Andreica), D. Dumitrescu, B. Hirsbrunner, <i>Collaborative Evolutionary Algorithms for Combinatorial Optimization</i> . Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2007), London, UK, 2007, p. 1511.	8
Punctaj total lucrări categoria A	76

Lucrări categoria B	
	Punctaj
A. Andreica, C. Chira, <i>Best-Order Crossover for Permutation-Based Evolutionary Algorithms</i> , Applied Intelligence, 2014, doi:10.1007/s10489-014-0623-0.	4
R. Lung, A. Gog (Andreica), C. Chira, <i>A Game Theoretic Approach to the Community Detection in Social Networks Problem</i> , Proceedings of the 5th Nature Inspired Cooperative Strategies for Optimization Workshop (NICSO 2011), Cluj-Napoca, Romania, Studies in Computational Intelligence, Springer-Verlag, vol. 387, 2011, p. 121-131.	4

D. Iclanzan, A. Gog (Andreica), C. Chira, <i>Enhancing the Computational Mechanics of Cellular Automata</i> , Proceedings of the 5th Nature Inspired Cooperative Strategies for Optimization Workshop (NICSO 2011), Cluj-Napoca, Romania, Studies in Computational Intelligence, Springer-Verlag, vol. 387, 2011, p. 267-283.	4
A. Gog (Andreica), D. Dumitrescu, B. Hirsbrunner, <i>Community Detection in Complex Networks using Collaborative Evolutionary Algorithms</i> . Proceedings of European Conference on Artificial Life (ECAL 2007), Lisbon, Lecture Notes in Computer Science 4648, 2007, p. 886-894.	4
Punctaj total lucrări categoria B	16

Lucrări categoria C	
	Punctaj
A. Andreica, C. Chira, <i>Using a Hybrid Cellular Automata Topology and Neighborhood in Rule Discovery</i> , Proceedings of the 8th International Workshop on Hybrid Artificial Intelligence Systems (HAIS 2013), Salamanca, Spain, Lecture Notes in Artificial Intelligence, Springer-Verlag, vol. 8073, 2013, p. 669-678.	2
A. Andreica, C. Chira, <i>The Role of Crossover in Evolutionary Approaches to Resource-Constrained Project Scheduling</i> , Proceedings of the International Conference on Intelligent Systems Design and Applications (ISDA 2012), Kochi, India, 2012, p. 200-205.	2
A. Gog (Andreica), C. Chira, <i>Dynamics of Networks Evolved for Cellular Automata Computation</i> , Proceedings of the 7th International Workshop on Hybrid Artificial Intelligence Systems (HAIS 2012), Salamanca, Spain, Hybrid Artificial Intelligent Systems, Springer-Verlag, vol. 7208-7209, 2012, p. 359-368.	2
A. Gog (Andreica), C. Chira, <i>Comparative Analysis of Recombination Operators in Genetic Algorithms for the Travelling Salesman Problem</i> , Proceedings of the 6th International Workshop on Hybrid Artificial Intelligence Systems (HAIS 2011), Wroclaw, Poland, Lecture Notes in Computer Science, vol. 6679, 2011, p 10-17.	2

C. Chira, A. Gog (Andreica), <i>Collaborative Community Detection in Complex Networks</i> . Proceedings of the 6th International Workshop on Hybrid Artificial Intelligence Systems (HAIS 2011), Wroclaw, Poland, Lecture Notes in Computer Science, vol. 6678, 2011, p. 380-387.	2
A. Gog (Andreica), C. Chira, D. Dumitrescu, <i>Collaborative Evolutionary Algorithms for detecting Overlapping Communities in Complex Networks</i> , Proceedings of the International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2010), Timișoara, 2010.	2
A. Gog (Andreica), C. Chira, <i>Cellular Automata Rule Detection using Circular Asynchronous Evolutionary Search</i> , Proceedings of the 4th International Workshop on Hybrid Artificial Intelligence Systems (HAIS 2009), Salamanca, Spain, Lecture Notes in Computer Science, vol. 5572, 2009, p. 261-268.	2
A. Gog (Andreica), C. Chira, D. Dumitrescu, <i>Hybrid Multi-Population Collaborative Asynchronous Search</i> . Proceedings of the 3rd International Workshop on Hybrid Artificial Intelligence Systems (HAIS 2008), Burgos, Spain, Lecture Notes in Artificial Intelligence 5271, 2008, p. 148-155.	2
A. Gog (Andreica), C. Chira, D. Zaharie, D. Dumitrescu, <i>Analysis of a Distributed Collaborative Evolutionary Algorithm</i> , Proceedings of the 6th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2008), Timișoara, 2008, p. 25-32.	1
A. Gog (Andreica), C. Chira, D. Dumitrescu, D. Zaharie, <i>Analysis of Some Mating and Collaboration Strategies in Evolutionary Algorithms</i> , SYNASC 2008, IEEE Computer Society, 2008, p. 538-542.	1
A. Gog (Andreica), D. Dumitrescu, <i>A New Recombination Operator for Permutation Based Encoding</i> . Proceedings of the 2 nd International Conference on Intelligent Computer Communication and Processing (ICCP 2006), IEEE Computer Society, Cluj-Napoca, 2006, p. 11-16.	2
A. Gog (Andreica), H. Grebla, <i>Evolutionary Tuning for Distributed Database Performance</i> . Proceedings of the 4th International Symposium on Parallel and Distributed Computing (ISPDC 2005), IEEE Computer Society, Lille, France, 2005, p. 275-281.	2
A. Gog (Andreica), D. Dumitrescu, <i>A Model for Parallel Evolutionary Search</i> . Proceedings of the 7 th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2005), IEEE Computer Society, Timișoara, 2005, p. 333-338.	2

A. Gog (Andreica), A. Navroschi, <i>Evolving R-Trees for Spatial Databases</i> . Proceedings of the 6 th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2004), Timișoara, 2004, p. 502-511.	2
Punctaj total lucrări categoria C	26

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7 ianuarie 2015