Curriculum vitae Europass

Informaţii personale

Nume / Prenume	**Zaharie, Daniela**
Adresă(e)	Universitatea de Vest din Timisoara, Blvd. Vasile Parvan, 4, 300223, Timisoara, Romania
Telefon(oane)	
Fax(uri)	+40 256 592316
E-mail(uri)	
Naţionalitate(-tăţi)	română
Data naşterii	
Sex	feminin

Experienţa profesională

Perioada	2009 – prezent
Funcţia sau postul ocupat	- profesor, Departamentul de Informatică, Facultatea de Matematică şi Informatică, Universitatea de Vest din Timişoara
Perioada	1999-2009
Funcţia sau postul ocupat	- conferentiar, Departamentul de Informatică, Facultatea de Matematică şi Informatică, Universitatea de Vest din Timişoara
Perioada	1993-1999
Funcţia sau postul ocupat	- lector, Catedra de Teoria Probabilităţilor, Facultatea de Matematică şi Informatică, Universitatea de Vest din Timişoara
Perioada	1990-1993
Funcţia sau postul ocupat	- asistent, Catedra de Informatică Fundamentală, Facultatea de Matematică şi Informatică, Universitatea de Vest din Timişoara
Perioada	1987-1990
Funcţia sau postul ocupat	- Analist-programator, IAEM Timisoara
Activitate didactică şi administrativă	- Titular al cursurilor: Algoritmi si structuri de date (2015-prezent), Algoritmi metaeuristici (română şi engleză, 2015-prezent), Biostatistică şi bioinformatică (2007-prezent), Algoritmică (2003-2014), Calcul neuronal si calcul evolutiv (română şi engleză) (2007-2014), Algoritmi si programare (1993-2001), Reţele neuronale (1996-2007), Statistica (1996-1999), Calcul ştiinţific (1999-1999), Introducere în informatică, Inteligenţă artificială (1993-1996) - Secretar ştiinţific al Departamentului de Informatica (2004-2011) - Membru în consiliul Facultăţii de Matematică şi Informatică (din 2004) - Membru în consiliul Departamentului de Informatică (din 2011) - Membru în Senatul UVT (2011-2015) - Responsabil al programului de studii Informatică Aplicată (din 2008)

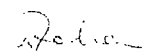|	
Activitate de cercetare și suport a cercetării	- *Domenii de interes:* algoritmi evolutivi, rețele neuronale, analiza datelor, modele computaționale în biologie, prelucrarea imaginilor, calcul paralel și distribuit. - *Lucrări publicate:* 80 - *Impact:* Scholar Google (h-index=13, i10-index=25, cca 1000 citări), Research Gate (RG score: 17.68, cca 500 citări) - *Premii si nominalizari:* „Professor Zdzisław Pawlak Best Paper Award" acordat de Polish Information Processing Society, 2007; nominalizare pentru cea mai bună lucrare la GECCO, Olanda (2013). - *Proiecte de cercetare:* responsabil echipă în 3 proiecte naționale, membru în echipa a 6 proiecte internaționale și 10 proiecte naționale - Co-organizator și editor la ultimele 12 ediții ale conferinței anuale SYNASC (Romania, http://synasc.ro) și co-chair la ultimele 8 ediții workshop-ului Computational Optimization din cadrul FedCSIS (Polonia, https://fedcsis.org/) - Membru in comitetul editorial al Soft Computing, Swarm and Evolutionary Computing - Recenzor la circa 10 reviste internaționale (Applied Soft Computing, Computational Intelligence, IEEE Trans. on Evolutionary Computation, IEEE Trans. on Cybernetics, Information Systems, Memetic Computing, Pattern Analysis and Applications, Global Optimization, Computational Optimization and Applications, Applied Mathematics and Computation etc), membru în comitetul de program la circa 20 de conferințe internaționale în ultimii 5 ani. - Recenzor ale aplicatiile submise la National Research Foundation from South Africa - Membru în: Asociatia Romana de Inteligenta Artificiala, IEEE CIS Task Force on Differential Evolution, IEEE TC on Soft Computing.
Educație și formare	
Perioada	1992-1997
Diploma obținută	Diploma doctor
Domeniul/ specializarea/ titlu	Matematică / Probabilități și Statistică / Modele stohastice ale rețelelor neuronale și aplicații
Institutia	Universitatea de Vest din Timisoara
Perioada	1983-1987
Diploma obținută	Diplomă de licență (media anilor de studii: 9.98)
Domeniul/ specializarea	Matematică / Informatică
Instituția	Universitatea din Timișoara, Facultatea de Stiințe ale Naturii, Sectia Matematică, Specializarea Informatică
Aptitudini și competențe personale	
Limbi străine cunoscute	Limba engleză (bine), Limba franceză (satisfăcător)
Limbaje de programare	C/C++, Python, Java, Fortran, Mathematica, MatLab/ SciLab, R
Anexe	▪ Lista lucrări publicate (selecție din perioada 2002-2015) ▪ Lista proiectelor de cercetare (2007-2015) .

Data, 10.01.2016

Semnătura,

Anexa 1: **LISTĂ LUCRĂRI PUBLICATE - selectie din perioada 2002-2015**

2015

1. J. Li, A. Agathos, D. Zaharie, J.M. Bioucas-Dias, A. Plaza, X. Li, Minimum Volume Simplex Analysis: A Fast Algorithm for Linear Hyperspectral Unmixing, IEEE Transactions on Geoscience and Remote Sensing, 10.1109/TGRS.2015.2417162, 2015.
2. R. Dogaru, F. Micota, D. Zaharie, Searching for Taxonomy-based Similarity Measures for Medical Data, 7th Balkan Conference in Informatics, BCI 2015, Craiova 2-4 September, DOI:10.1145/2801081.2801102, 2015.
3. R. Dogaru, F. Micota, D. Zaharie, Taxonomy-based dissimilarity measures for profile identification in medical data. SISY 2015, 10.1109/SISY.2015.7325369, pg. 149-154, 2015

2014

4. R.D. Moleriu, D. Zaharie, L.C. Moatar-Moleriu, A.T. Gruia, A.A. Mic, F.A. Mic; Insights into the mechanisms of thymus involution and regeneration by modeling the glucocorticoid-induced perturbation of thymocyte populations dynamics, Journal of Theoretical Biology, Volume 348, pp. 80-99, 2014.
5. G. Iuhasz, V. Negru, D. Zaharie, Neuroevolution based multi-agent system with ontology based template creation for micromanagement in real-time strategy games, Information Technology and Control , Volume 43, Issue 1, pp. 98-109, 2014.

2013

6. L. Moatar-Moleriu, V. Negru, D. Zaharie; Evolutionary Estimation of Parameters in Computational Models of Thymocyte Dynamics, LSSC'13, June, Sozopol, Springer LNCS 8353, pg. 264-271, 2014.
7. D. Zaharie, L. Moatar-Moleriu, V. Negru; Particularities of Evolutionary Parameter Estimation in Multi-stage Compartmental Models of Thymocyte Dynamics, GECCO'13, July 6–10, Amsterdam, po. 303-310, 2013.

2012

8. A. Toma, S. Panica, D. Zaharie, D. Petcu; Computational Challenges in Processing Large Hyperspectral Images, Procs. RO-LCG 2012, ISBN 978-973-662-701-1, Cluj-Napoca, Oct. 2012, pp. 111-114, 2012.
9. D. Zaharie; Differential Evolution: from theory to practical insights, invited talk at the 18th Conference on Soft Computing, Procs. Mendel 2012, Brno, 27-29 June 2012, pp. 126-131, 2012.
10. G.Iuhasz, V. Negru, D. Zaharie; Neuroevolution based multi-agent system for micromanagement in real-time strategy games, Proceedings of the Fifth Balkan Conference in Informatics, pp. 32-39, 2012
11. A.C. Zăvoianu, G. Kronberger, M. Kommenda, D. Zaharie, M. Affenzeller; Improving the Parsimony of Regression Models for an Enhanced Genetic Programming Process, LNCS 6927, pp. 264-271, 2012.
12. D. Petcu, S. Panica, M. Frîncu, M. Neagul, D. Zaharie, G. Macariu, D. Gorgan, T. Ştefănuţ; Experiences in building a Grid-based platform to serve Earth observation training activities, Computer Standards & Interfaces, Volume 34, Issue 6, Pages 493-508, 2012.

2011

13. D.Petcu, S. Panica, M. Frincu, M. Neagul, D. Zaharie, G. Macariu, D. Gorgan, T. Stefanut - Experiences in building a Grid-based platform to serve Earth observation training activities, Computer Standards & Interfaces, doi:10.1016/j.csi.2011.10.010, 2011.
14. L.O. Mafteiu Scai, V. Negru, D. Zaharie, O. Aritoni - Average Bandwidth Reduction in Sparse Matrices using Hybrid Heuristics, Studia Univ. Babes Bolyai, Informatica, Volume LVI, Number 3, 2011
15. D. Petcu, D. Zaharie, S. Panica, A. S. Hussein, A. Sayed and H. El-Shishiny; Fuzzy clustering of large satellite images using high performance computing, Proc. SPIE 8183, 818302 (2011); doi:10.1117/12.898281
16. D. Zaharie, L. Perian, V. Negru, A View Inside the Classification with Non-Nested Generalized Exemplars, IADIS European Conference on Data Mining, 24-26 iulie 2011, Rome, Italy, IADIS Proceedings, pg 19-26, ISBN: 978-972-8939-53-3
17. D. Zaharie, L.Perian, V. Negru, F. Zamfirache – Evolutionary pruning of non-nested generalized exemplars, in Proc.of the 6th IEEE International Symposium on Computational Intelligence and Informatics, Timisoara, 19-21 mai 2011, pg 57-62, 2011.
18. F. Zamfirache, M. Frincu, D. Zaharie – Population based Metaheuristics for Tasks Scheduling in Heterogenous Distributed Systems, in I.Dimov, S. Dimova, N. Kolkovska (eds), Proc. of NMA 2010 Conference, LNCS 6046, pg. 321-327, 2011.

2010

19. D.Petcu, S. Panica, M. Neagul, M. Frincu, D. Zaharie, R. Ciorba, A. Dinis – Earth observation data processing in distributed systems, Informatica. An International Journal of Computing and Informatics, Slovenian Society Informatika, vol. 34 (4), pg. 463-476, 2010.

20. D. Zaharie, D. Lungeanu, F. Zamfirache - Interactive Search of Rules in Medical Data Using Multiobjective Evolutionary Algorithms, chapter in Genetic and Evolutionary Computation: Medical Applications, Stephen Smith and Stefano Cagnoni (eds), John Wiley & Sons, 2010, pp 133-148

21. Dumitru Dumitrescu, Rodica Ioana Lung, Réka Nagy, Daniela Zaharie, Attila Bartha, Doina Logofatu. Evolutionary Detection of New Classes of Equilibria: Application in Behavioral Games. PPSN (2)'2010. pp.432~441, 2010

22. Dumitrescu, D., Lung, R.I., Nagy, R., Zaharie, D., Bartha, A. - Exploring evolutionary detected fuzzy equilibria: A link between normative theory and real life, *Proceedings of the 12th Annual Genetic and Evolutionary Computation Conference, GECCO '10*, pp. 539-540, 2010

23. Zamfirache, F., Zaharie, D., Crăciun, C. - Evolutionary task scheduling in static and dynamic environments, *ICCC-CONTI 2010 - IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics, Proceedings*, art. no. 5491336, pp. 619-624, 2010

24. I. Zaharie, D. Zaharie - On The Non-Isothermal Crystallization of $Fe_{60}Gd_5Cr_{15}B_{20}$ Amorphous Alloys, in A. Angelopoulos, T. Fildisis (eds), AIP Conference Proceedings Volume 1203, 7th International Conference of the Balkan Physical Union pp. 335-340, 2010

25. C. Craciun, M. Nicoara, D. Zaharie - Enhancing the Scalability of Metaheuristics by Cooperative Coevolution, Proc. of LSSC 2009, LNCS 5910, pg.323-330, 2010.

26. F. Zamfirache, D. Zaharie, C. Craciun – Nature inspired metaheuristics for task scheduling in static and dynamic computing environments, Scientific Bulletin of Politehnica University of Timisoara, Transactions on Automatic Control and Computer Science, vol 55(69), nr. 3, pp. 133-142, 2010

2009

27. D. Petcu, D. Zaharie, M. Neagul, D. Gorgan, T. Stefanut, V. Bacu - Remote Sensed Image Processing on Grids for Training in Earth Observation, in Image Processing, ISBN 978-3-902613-44-8, In-Tech, 2009

28. D. Zaharie – Influence of crossover on the behavior of the Differential Evolution Algorithm, Applied Soft Computing, vol 9, issue 3, pg. 1126-1138, 2009

29. Neagul, M., Panica, S., Petcu, D., Zaharie, D., Gorgan, D., Web and grid services for training in Earth observation, *Proceedings of the 5th IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS'2009*, art. no. 5342986, pp. 241-246, 2009.

2008

30. D. Petcu, D. Gorgan, F. Pop, D. Tudor, D. Zaharie -- Satellite Image Processing on a Grid-Based Platform, International Journal of "Computing", 2008, Vol. 7, Issue 2, pg. 51-58, 2008.

31. D. Lungeanu , D. Zaharie, S. Holban, E. Bernad, M. Bari, R. Noaghiu -- Exploratory Analysis of Medical Coding Practices: the Relevance of Reported Data Quality in Obstetrics-Gynaecology, in Stud Health Technol Inform. Amsterdam: IOS Press, ISBN 978-1-58603-864-9, ISSN 0926-9630, pg. : 839-844, 2008.

32. C. Chira, A. Gog, D. Zaharie, D. Dumitrescu, Complex Dynamics in a Collaborative Evolutionary Search Model, Creative Mathematics and Informatics, vol. 17, nr. 3, 2008, pg. 346-356

33. A. Gog, C. Chira, D. Dumitrescu, D. Zaharie, "Analysis of Some Mating and Collaboration Strategies in Evolutionary Algorithms,"Proc of 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp.538-542, 2008.

34. D. Zaharie -- Statistical properties of differential evolution and related random search algorithms, invited paper, in Paula Brito (ed.) Proceedings of International Conference on Computational Statistics Porto, Portugal, August 24-29, Physica-Verlag HD, ISBN978-3-7908-2083-6, pg. 473-485, 2008.

35. D. Zaharie, D. Petcu, S. Panica -- A Hierarchical Approach in Distributed Evolutionary Algorithms for Multiobjective Optimization, in I. Lirkov, S. Margenov, J. Wasniewski (eds) Proc. of LSSC 2007 – 6th International Conference on Large Scale Computing, LNCS 4818, ISBN-10 3-540-78825-5 Springer, pp. 505-514, 2008.

36. D. Zaharie, D. Lungeanu, F. Zamfirache, Interactive Search of Rules in Medical Data Using Multiobjective Evolutionary Algorithms, in Proceedings of the 2008 GECCO Conference Genetic and Evolutionary Computation (workshop MedGEC--medical applications of genetic and evolutionary computation), Atlanta august 2008, ISBN:978-1-60558-131-6, pg. 2065-2072, 2008.

37. D Lungeanu, D Zaharie, F Zamfirache -- Influence of Missing Values Treatment on Classification Rules Evolved from Medical Data. In I. Bichindaritz, P. Perner, L. G. Shapiro (Eds.): Advances in Data Mining. 8th Industrial Conference, ICDM 2008, Leipzig, Germany, July 2008, Poster and Workshop Proceedings. Ibai Publishing 2008, ISBN 978-3-940501-03-5, pg. 86-95, 2008.

38. S.Panica, D. Petcu, D. Zaharie, Evolutionary multi-objective optimization on Grid environments, in H. Burkhart (ed.), Procs. PDCN 2008, Parallel and Distributed Computing and Networks - 2008, Innsbruck, 11-14 feb., Acta Press, ISBN 978-0-88986-713-0, editor H. Burkhart, pg. 81-86, 2008

58. <u>D. Zaharie</u>; Control of Population Diversity and Adaptation in Differential Evolution Algorithms, in R. Matousek, P. Osmera (eds), Proc. of Mendel 2003, 9th International Conference on Soft Computing, ISBN 80-214-2411-7, pg. 41--46, 2003.

59. <u>D. Zaharie</u>; Multi-objective Optimization with Adaptive Pareto Differential Evolution, Memoriile Sectiilor Stiintifice, Ed. Academiei Romane. Seria IV, Tomul XXVI, pp. 223-239, 2003

60. <u>D. Zaharie</u>; On migration strategies in multi-population evolutionary algorithms, Proc. of the 10th International Symposium of Mathematics and its Applications, Univ. "Politehnica" din Timisoara, 6-9 Nov., ISSN 1224-6069, pg. 540—549, 2003.

2002

61. <u>D. Zaharie</u>; Recombination operators for evolutionary algorithms, in D.Ivanchev and M.D. Todorov (eds.), Proc. of Applications in Engineering and Economics'27, Sozopol, June, 2001, Heron Press Science Series, Sofia, ISBN: 954-580-115-8, pg. 615-627, 2002.

62. <u>D. Zaharie</u>; Critical values for the control parameters of differential evolution algorithms, in P. Osmera, R. Matousek (eds), Proc. of MENDEL'2002 – 8th Conference on Soft Computing, Brno, 5-7 June, ISBN: 80-214-2135-5, pg. 62-67, 2002.

63. <u>D. Zaharie</u>; Parameter adaptation in differential evolution by controlling the population diversity, Analele Univ. Timisoara vol. XL, ISSN 1224-970X, Timisoara, 385-397, 2002.

Anexa 2: **LISTA PROIECTELOR DE CERCETARE (2005-2015) – D. Zaharie**

1. Proiect H2020: SESAME Net - Supercomputing Expertise for Small And Medium Enterprises, H2020-EINFRA, 2015-2017

2. Proiect H2020: VI-SEEM - a unified Virtual Research Environment for South Eastern Europe and Eastern Mediterranean, H2020-EINFRA, 2015-2017

3. COST Action IC1408: Computationally-intensive methods for the robust analysis of non-standard data (CRoNoS), 2015-2019

4. Proiect FP7: HOST – High Performance Computing Service Center, 2012-2014

5. Proiect FP7: HP-SEE - High-Performance Computing Infrastructure for South East Europe's Research Communities, 2010 – 2012

6. Proiect FP7: SPRERS – Strengthening the Participation of Romania at European R&D in Software Services, 2010-2011

7. Proiect ESA-Pecs: GiSHEO – On Demand Grid Services for Higher Education and Training in Earth Observation, 2009-2010

8. Proiect RO-PNII-ID-PCE: AMICAS - Automated Management in Cloud and Sky Computing Environments, 2012-2016

9. Proiect RO-PNII-ID-PCE: REVISAL - Modelarea si simularea dinamicii populatiilor de timocite si componentelor celulare ale medularei timusului in conditii normale si patologice, 2012-2016

10. Proiect PN – II: NatComp - Noi modele de calcul natural in studiul complexitatii si in rezolvarea problemelor complexe, 2007-2009 (responsabil partener)

11. Proiect PN – II: Asistsys, Sistem integrat de asistare pentru pacientii cu afectiuni neuromotorii severe, Proiect PN – II, 2009-2011

12. Proiect CEEX: MaternQual – Sistem informatic integrat de evaluare complexa a factorilor asociati predictiei riscului si calitatii in obstetrica, 2006-2008 (responsabil partener)

13. Proiect CEEX: „ProWest – Promovarea activitatii de cercetare in informatica in vestul Romaniei", 2005-2007 (responsabil partener)

14. Proiect CEEX: GRIDMOSI - Organizaţie virtuală în tehnologie Grid pentru modelare, simulare şi optimizare de înaltă performanţă, 2005 –2008

15. Proiect CEEX: MedioGrid - Prelucrarea grafica paralela si distribuita pe structura grid datelor geografice si de mediu, 2005 –2008

16. Proiect CEEX: SIAPOM - Sistem Integrat pentru Analiza si Proiectare Optimala Multidisciplinara, proiect CEEX 2006-2008

2007

39. D. Petcu, <u>D. Zaharie</u>, D. Gorgan et al.--MedioGrid: A grid-based platform for satellite image processing in Proc. of 4th IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems, sep 06-08, 2007 Dortmund, pg: 137-142, 2007
40. <u>D. Zaharie</u>, S. Holban, D. Lungeanu, D. Navolan - A computational Intelligence Approach for Ranking Risk Factors in Preterm Birth. In: Szakal A. (ed.). Proceedings of 4th International Symposium on Applied Computational Intelligence and Informatics - SACI2007, mai 2007, Timisoara, ISBN: 1-4244-1234-X, pg. 135-140, 2007.
41. H. Popa, D.Pop, V. Negru, <u>D. Zaharie</u> --A Multi-Agent System for Knowledge Discovery from Databases, Proc. of SYNASC'07, IEEE Computer Society, ISBN 0-7695-3078-8, pg. 275-281, 2007.
42. N. Bonchis, St. Balint, <u>D. Zaharie</u> --The Ramsey optimal growth model on finite Horizon. An. Univ. Vest Timiş., Ser. Mat.-Inform. 45, No. 1, 59-76, 2007.
43. <u>D. Zaharie</u>, D. Lungeanu, S. Holban – Feature ranking based on weights estimated by multiobjective optimization. In: J.Roth, J.Gutiérrez, A.P. Abraham (eds), Proceedings of IADIS First European Conference on Data Mining, 5-7 iulie 2007, Lisabona, ISBN 978-972-8924-40-9, pg. 124-128, 2007
44. <u>D. Zaharie</u> – A comparative analysis of crossover variants in differential evolution, M. Ganzha, M. Paprzycki, T. Pelech-Pilichowski (eds), Proc. of International Multiconference on Computer Science and Information Technology IMCSIT 2007, 15-17 oct., Wisla, Poland, ISSN 1896-7094, pg. 171 – 181, 2007

2006

45. <u>D. Zaharie</u>, G. Ciobanu; Distributed Evolutionary Algorithms Inspired by Membranes in Continuous Optimization Problems, in H.J. Hoogeboom, G. Paun, G. Rozenberg (eds), Proceedings of 7th Workshop on Membrane Computing, Leiden, 17-21 July, LNCS 4361, ISBN 978-3-540-69088-7, pg. 536-553, 2006.
46. <u>D. Zaharie</u>; Distributed Clustering Based on Representatives Evolved by Crowding Differential Evolution , in R. Matousek, P. Osmera (eds), Proc. of 12th International Conference on Soft Computing, Brno, may 31 - June 2, ISBN 80-214-3195-4, pg. 51-56, 2006.
47. <u>D. Zaharie</u>, D. Petcu; Communication Strategies in Distributed Evolutionary Algorithms for Multi-objective Optimization , Proc. of 7th International Conference on Technical Informatics, Timisoara, June 8-9,2006, vol. 1, pg. 145-150, 2006.
48. <u>D. Zaharie</u>, F. Zamfirache; Diversity Enhancing Mechanisms for Evolutionary Optimization in Static and Dynamic Environments , Proc. of 3rd Romanian-Hungarian Joint Symposium on Applied Computational Intelligence,Timisoara, May 25-26, ISBN 963-7154-46-9, pg. 460-471, 2006.

2005

49. <u>D. Zaharie</u>, D. Petcu; Parallel Implementation of Multi-population Differential Evolution. In A. Nicolau, D. Grigoras (eds), Concurrent Information Processing and Computing, IOS Press, ISBN 1-58603-502-9, pg. 223-231,2005.
50. <u>D. Zaharie</u>, F. Zamfirache; Dealing with noise in ant-based clustering, Proc. IEEE Congress of Evolutionary Computation 2005, Edinburgh, 2-5 Sept, ISBN 0-7803-9363-5, pg. 2395-2402, 2005.
51. <u>D. Zaharie</u>; Density-based clustering with crowding differential evolution, Proc. 7th Symposium on Symbolic and Numeric Algorithms for Scientific Computing, Timisoara, 25-29 Sept. 2005, IEEE Computer Science Press, ISBN 0-7695-2453-2, pg. 343-350, 2005.
52. <u>D. Zaharie</u>, F. Zamfirache; Ant-based clustering of medical data, in F. Gorunescu, E. El-Darzi, M. Gorunescu (eds), Proc. of HCMC 2005, First East European Conference on "Health Care Modelling and Computation, ISBN 973-7757-67-X, pg. 332-343, 2005.
53. I.Zaharie, <u>D. Zaharie</u>; Evolutionary optimization of molecular clusters, Proc. of 4th Conference on Isotopic and Molecular Processes, Cluj-Napoca, Sept. 22-24, 2005 STUDIA UNIVERSITATIS BABES-BOLYAI, PHYSICA, L, 4a, pg. 447-450, 2005

2004

54. <u>D. Zaharie</u>, D. Petcu ; Adaptive Pareto Differential Evolution and its Parallelization, in LNCS 3019, pg. 261-268, 2004.
55. <u>D. Zaharie</u>; A Multi-population Differential Evolution Algorithm for Multimodal Optimization, in R. Matousek, P. Osmera (eds) Proc. of Mendel'04, 10th International Conference on Soft Computing, Brno, June 16-18, ISBN 80-214-2676-4, pg. 17-22, 2004.
56. C. Grosan, <u>D. Zaharie</u>; Base Changing Strategies in an Adaptive Representation Evolutionary Algorithm, Proc. of SACI'04 (1st Symposium on Applications of Computational Intelligence),ISBN 963 7154 26 4, pg. 79-88, 2004.
57. <u>D. Zaharie</u>; Extensions of Differential Evolution Algorithms for Multimodal Optimization, Analele Univ. Timisoara vol. XLII, ISSN 1224-970X, Timisoara, pg. 331-345, 2004

2003