

LISTA PUBLICAȚIILOR

dr. inf. Elisa Valentina Moisi

A – Lucrari indexate ISI/BDI

1. *Elisa Valentina Moisi*, Benedek Nagy, Tibor Lukic, Vladimir Ioan Cretu, "Comparing memetic and simulated annealing approaches for discrete tomography on the triangular grid", Proceedings of 2015 IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI), 2015, pp. 523- 528
2. Benedek Nagy, *Elisa Valentina Moisi*, "Binary Tomography on the Triangular Grid with 3 Alternative Directions -- A Genetic Approach", Proceedings of the 2014 22nd International Conference on Pattern Recognition (ICPR), 2014, pp. 1079-1084.
3. *Elisa Valentina Moisi*, Vladimir Ioan Cretu, Benedek Nagy, "Maximum Flow Minimum Cost Algorithm for Reconstruction of Images Represented on the Triangular Grid", Proceedings of the 8-th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI), 2013, pp. 35-40
4. *Elisa Valentina Moisi*, Vladimir Ioan Cretu, Benedek Nagy, "Reconstruction of Binary Images Represented on Equilateral Triangular Grid Using Evolutionary Algorithms", Soft Computing Applications, Advances in Intelligent Systems and Computing, 2013, pp.561-572
5. Benedek Nagy, *Elisa Valentina Moisi*, Vladimir Ioan Cretu: "Discrete Tomography on the Triangular Grid based on Ryser's Results", Proceedings of 8th International Symposium on Image and Signal Processing and Analysis (ISPA), 2013, pp. 794-799
6. *Elisa Valentina Moisi*, Benedek Nagy, "Discrete Tomography on the Triangular Grid: a Memetic Approach", Proceedings of 7th International Symposium on Image and Signal Processing and Analysis (ISPA), 2011, pp. 579-584
7. Ecaterina Vladu, *Elisa Valentina Moisi*, Mihaela Novac, Ovidiu Novac, "Differential evolution in parameters estimation", Journal of Electrical and Electronics Engineering, Volume 4, Issue 1, 2011, pp. 251-254
8. Vladu Ecaterina, Maștei Daniela, *Moisi Elisa*, Popovici Diana, "Optimal Design by Means of Evolutionary Algorithms in Induction Heating", Journal of Computer Science and Control Systems, Volume 4, Issue 1, 2011, pp. 207-210
9. *Moisi Elisa*, Vladu Ecaterina, Novac Ovidiu, Novac Mihaela, "Analysis of Differential Evolution Algorithm by Using Benchmark Functions", Journal of Computer Science and Control Systems, Volume 4, Issue 1, 2011, pp. 103-106
10. *Elisa Valentina Onet*, "Swarm Intelligence and Clustering Analysis. An overview", Journal of Computer Science and Control Systems, Volume 3, Issue 1, 2010, pp.155-158
11. Ecaterina Vladu, Mihaela Novac, Ovidiu Novac, Daniela Maștei, *Elisa Onet*, "Comparing evolutionary algorithms on benchmark functions", Journal of Computer Science and Control Systems, Volume 3, Issue 1, 2010, pp. 249-252
12. Ecaterina Vladu, Mihaela Novac, Ovidiu Novac, Daniela Maștei, *Elisa Onet*, "Evolution approach to signal regresion", Journal of Computer Science and Control Systems, Volume 3, Issue 1, 2010, pp. 245-248

13. *Elisa Valentina Oneț*, "Particle Swarm Optimization and Genetic Algorithms", Journal of Computer Science and Control Systems, Volume 2, Issue 2, 2009, pp. 43-46
14. *Elisa Valentina Oneț*, Ecaterina Vladu, "Nature inspired algorithms and artificial intelligence", Journal of Computer Science and Control Systems, 2008, pp. 66-70

B – Teza de doctorat

Titlul tezei: *Binary Images Reconstruction for Discrete Tomography using Triangular Grid*

Coordonator științific: Vladimir-Ioan Crețu

Locul și data susținerii tezei: Universitatea Politehnica Timișoara, noiembrie 2014

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C – Cărți si capitole in cărți

1. *Elisa Valentina Oneț*, "*Binary Images Reconstruction for Discrete Tomography using Triangular Grid*", Editura Politehnica, 2014, ISSN:2069-8216, ISBN:978-606-554-884-8
2. Ecaterina Vladu, *Elisa Valentina Oneț* "*Limbaje Formale și Translatoare: Aplicații*", Editura Universității din Oradea, 2009, ISBN 978-973-759-865-3
3. *Moisi Elisa*, Gabor Gianina, "*Limbaje formale si translatoare. Teorie si aplicatii*", Editura Universității din Oradea, 2014, ISBN 978-606-10-1469-9

D – Publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

1. Tibor Lukic, *Elisa Valentina Moisi*, Benedek Nagy, "Soft computing methods for discrete tomography on the triangular grid" (Diszkrét tomográfia a háromszögrácson természet-motiválta algoritmusokkal), Proceeding of Képfeldolgozók és Alakfelismerők (KÉPAF), 2013, pp. 450-463
2. Pantea Emilia, Ludovic Gilău, *Moisi Elisa*, Bagdi Carmen, "Identification of Biogaz Potential from Livestock Farms in Bihor County", A környezet tudatos települések fele, 2012, pp. 116-120
3. Ecaterina Vladu, *Moisi Elisa*, Monica Costea, Simona Castrase, Maria Bittenbinder, "Optimization Algorithms for Wind Turbine Control", A környezet tudatos települések fele, 2012, pp. 121-126

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