

# ALEXANDRU-ADRIAN TANTAR

## LISTA DE PUBLICATII

### CONTRIBUTIE EDITORIALA

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- Carti   ▷ EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation V, *Advances in Intelligent Systems and Computing*, Springer, Alexandru-Adrian Tantar, Emilia Tantar, Jian-Qiao Sun, Wei Zhang, Qian Ding, Oliver Schütze, Michael Emmerich, Pierrick Legrand, Pierre Del Moral, Carlos A. Coello Coello (Editors), ISBN: 978-3-319-07493-1 (Print) 978-3-319-07494-8 (Online), 2014. <http://link.springer.com/book/10.1007/978-3-319-07494-8>
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- Proceedings   ▷ GECCO Companion '12: Proceedings of the 14th International Conference on Genetic and Evolutionary Computation Conference (GECCO) Companion, ACM, ISBN: 978-1-4503-1178-6, Philadelphia, Pennsylvania, USA, 2012.
- ▷ GECCO'11: Proceedings of the 13th Annual Conference Companion on Genetic and Evolutionary Computation (GECCO), SIGEVO, ISBN: 978-1-4503-0690-4, Dublin, Ireland, 2011.
- Serii   ▷ EVOLVE 2014 Proceedings, A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computing, Alexandru-Adrian Tantar, Emilia Tantar, Jian-Qiao Sun, Wei Zhang, Qian Ding, Oliver Schütze, Michael Emmerich, Pierrick Legrand, Pierre Del Moral, Carlos A. Coello Coello (Editors), July 1-4, 2014, Beijing, China, ISBN: 978-2-87971-126-3, ISSN: 2222-9434, 2014.
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| Monografie            | <ul style="list-style-type: none"> <li>▷ <b>Alexandru-Adrian Tantar, Dragos Horvath</b>, Large Scale Computing for Conformational Sampling, Springer, 2015.</li> </ul>  |
| Capitole              | <ul style="list-style-type: none"> <li>▷ <b>Pierre Del Moral, Alexandru-Adrian Tantar, Emilia Tantar</b>, On the Foundations and the Applications of Evolutionary Computing, EVOLVE – A Bridge between Probability, Set Oriented Numerics and Evolutionary Computation, Studies in Computational Intelligence, Springer, vol. 447, pp. 3-89, Springer Berlin Heidelberg, ISBN: 978-3-642-32725-4, 2013.</li> <li>▷ <b>A.-A. Tantar, G. Danoy, P. Bouvry, S. Khan</b>, Energy-Efficient Distributed Computing using Agent-Based Multi-Objective Dynamic Optimization, Green IT: Technologies and Applications, Springer-Verlag, 2011. [accepted proposal]</li> <li>▷ <b>A.-A. Tantar, N. Melab, E.-G. Talbi</b>, A Grid-based Hybrid Hierarchical Genetic Algorithm for Protein Structure Prediction, in Erick Cantu Paz and Francisco Fernández de Vega, Parallel and Distributed Computational Intelligence, Springer Verlag, 2010.</li> <li>▷ <b>A.-A. Tantar, N. Melab, E.-G. Talbi</b>, An Analysis of Dynamic Mutation Operators for Conformational Sampling, Biologically-Inspired Optimisation Methods: Parallel Algorithms, Systems and Applications, vol. 210, pp. 291–323, Springer Berlin/Heidelberg, ISBN: 978-3-642-01261-7, 2009.</li> <li>▷ <b>E. Tantar, A.-A. Tantar, N. Melab, E.-G. Talbi</b>, Landscape Analysis in Adaptive Metaheuristics for Grid Computing, in Fatos Xhafa, Advances in Parallel Computing, Parallel Programming and Applications on Grids, P2P and Networked-based Systems, vol. 17, pp. 313–344, IOS Press, ISBN: 978-1-60750-004-9, 2009.</li> <li>▷ <b>A.-A. Tantar, N. Melab and E.-G. Talbi</b>, Conformational sampling and docking on Grids, Grids for Bioinformatics and Computational Biology, Molecular Docking using Grid Computing, pp. 179-198, Wiley Series in Bioinformatics, USA, John Wiley &amp; Sons, ISBN: 978-0-471-78409-8, 2007.</li> </ul>   |
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| Rapoarte<br>de Cercetare | <ul style="list-style-type: none"> <li>▷ <b>Alexandru-Adrian Tantar, Emilia Tantar, Pascal Bouvry</b>, Design and classification of dynamic multi-objective optimization problems, CoRR abs/1103.4820, 2011.</li> <li>▷ <b>F. Caron, P. Del Moral, A. Tantar, E. Tantar</b>, Simulation particulière, Dimensionnement en conditions extrêmes. Report for the IFREMER research collaboration contract No. 2010-IFREMER-01 (92 pages), INRIA Bordeaux – Sud-Ouest, Bordeaux, 2010.</li> </ul>   |
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| Raport<br>Tehnic         | <ul style="list-style-type: none"> <li>▷ <b>Alexandru-Adrian Tantar</b>, Building a Virtual Globus Grid in a Reconfigurable Environment – A case study: Grid5000. INRIA Technical Report 00168130m, INRIA – CNRS: UMR8022 – Université des Sciences et Technologies de Lille – Lille I, 2007.</li> </ul>  |