

Список литературы

- [1] *Abbott, R.* From energy to information and back / R. Abbott // GECCO 2010 Entropy, information and complexity / ed. by S. W. Card, Y. Borenstein. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1841–1842.
- [2] *Agogino, A.* Component evolution for large scale air traffic optimization / A. Agogino // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2059–2060.
- [3] *Ahn, E. Y.* Finding feature transformation functions using genetic algorithm / E. Y. Ahn, T. Mullen, J. Yen // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2061–2062.
- [4] *Aldridge, S.* Image sets for the training of image processing systems / S. Aldridge, M. Peterson, B. Herzog // Eighth GECCO Undergraduate Student Workshop / ed. by C. B. Congdon, F. Moore. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2039–2042.
- [5] *Álvaro Fialho.* Probability matching-based adaptive strategy selection vs. uniform strategy selection within differential evolution: an empirical comparison on the bbo-2010 noiseless testbed / Álvaro Fialho, W. Gong, Z. Cai // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1527–1534.
- [6] *Arsalan, M.* Intelligent threshold selection for reversible watermarking of medical images / M. Arsalan, S. A. Malik, A. Khan // GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC) / ed. by S. L. Smith, S. Cagnoni, R. Patton. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1909–1914.
- [7] *Auger, A.* Comparing the (1+1)-CMA-ES with a mirrored (1+2)-CMA-ES with sequential selection on the noiseless BBOB-2010 testbed / A. Auger, D. Brockhoff, N. Hansen // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1543–1550.
- [8] *Azene, Y. T.* Multi-stage, multi-objective process optimisation / Y. T. Azene, R. Rajkumar // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2063–2064.
- [9] *Babb, B. J.* Can evolved forward transforms do better than wavelets / B. J. Babb // Eighth GECCO Undergraduate Student Workshop / ed. by C. B. Congdon, F. Moore. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2043–2046.
- [10] *Bäck, T.* Experimental optimization by evolutionary algorithms / T. Bäck, J. Knowles, O. M. Shir // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2897–2916.
- [11] *Baeck, T.* Evolution strategies: basic introduction / T. Baeck // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2263–2288.
- [12] *Bartz-Beielstein, T.* Tuning and experimental analysis in evolutionary computation: what we still have wrong / T. Bartz-Beielstein, M. Preuss // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2625–2646.
- [13] *Beckmann, B. E.* Digital evolution with avida / B. E. Beckmann, J. Clune, C. Ofria // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2917–2926.
- [14] *Butz, M. V.* Learning classifier systems / M. V. Butz // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2331–2352.

- [15] *Card, S. W.* Information distance based fitness and diversity metrics / S. W. Card // GECCO 2010 Entropy, information and complexity / ed. by S. W. Card, Y. Borenstein. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1851–1854.
- [16] *Clack, C. D.* Financial evolutionary computing / C. D. Clack // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2461–2472.
- [17] Classification of tumor marker values using heuristic data mining methods / S. M. Winkler, M. Affenzeller, W. Jacak, H. Stekel // GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC) / ed. by S. L. Smith, S. Cagnoni, R. Patton. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1915–1922.
- [18] *Coello Coello, C. A.* Constraint-handling techniques used with evolutionary algorithms / C. A. Coello Coello // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2603–2624.
- [19] A comparative study: function approximation with LWPR and XCSF / P. O. Stalph, J. Rubinsztajn, O. Sigaud, M. V. Butz // Thirteenth international workshop on learning classifier systems / ed. by J. Bacardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1863–1870.
- [20] *Crofford, J. M.* Is the triple parameter hypothesis generalizable / J. M. Crofford // Eighth GECCO Undergraduate Student Workshop / ed. by C. B. Congdon, F. Moore. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2047–2050.
- [21] *De Jong, K.* Evolutionary computation: a unified approach / K. De Jong // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2289–2302.
- [22] *Deb, K.* Evolutionary multi-criterion optimization / K. Deb // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2577–2602.
- [23] *Dobslaw, F.* An experimental study on robust parameter settings / F. Dobslaw // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1999–2002.
- [24] *El-Abd, M.* Black-box optimization benchmarking for noiseless function testbed using artificial bee colony algorithm / M. El-Abd // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1719–1724.
- [25] Emergence of cooperative societies in evolutionary games / K.-L. Cheng, I. Zuckerman, U. Kuter, D. Nau // GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop / ed. by W. Rand, R. Riolo. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1793–1800.
- [26] *Éné, G.* Speedup character-based matching in learning classifier systems with Xor / G. Éné, M. Péroumalnaïk // Thirteenth international workshop on learning classifier systems / ed. by J. Bacardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1879–1884.
- [27] *Evins, R.* Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings / R. Evins // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2003–2006.
- [28] Evolutionary artificial immune system optimization / A. F. Barreira, a. O. Carlos Eduardo de Jesus Guimar O. N. Teixeira, a. d. Roberto Célio Lim // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2065–2066.

- [29] Evolutionary symbolic discovery for bioinformatics, systems and synthetic biology / P. Widera, J. Bacardit, N. Krasnogor et al. // GECCO 2010 Symbolic regression workshop / ed. by S. Gustafson, M. Kotanchek. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1991–1998.
- [30] An experimental study of fitness function and time series forecasting using artificial neural networks / A. R. Lima Junior, D. A. Silva, P. S. Mattos Neto, T. A. Ferreira // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2015–2018.
- [31] *Finck, S.* Benchmarking CMA-EGS on the BBOB 2010 noiseless function testbed / S. Finck, H.-G. Beyer // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1633–1640.
- [32] *FitzGerald, A.* Biologically inspired non-mendelian repair for constraint handling in evolutionary algorithms / A. FitzGerald, D. P. O'Donoghue // GECCO 2010 Evolutionary computation techniques for constraint handling / ed. by C. A. C. Coello, D. Curran, T. Jansen. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1817–1824.
- [33] *Flasch, O.* RGP: an open source genetic programming system for the R environment / O. Flasch, O. Mersmann, T. Bartz-Beielstein // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2071–2072.
- [34] *Franco, M. A.* Analysing bioHEL using challenging boolean functions / M. A. Franco, N. Krasnogor, J. Bacardit // Thirteenth international workshop on learning classifier systems / ed. by J. Bacardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1855–1862.
- [35] *Friedrich, T.* Foundations of evolutionary multi-objective optimization / T. Friedrich, F. Neumann // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2557–2576.
- [36] Fuzzy social interaction genetic algorithm / O. N. Teixeira, F. H. de Brito, W. A. da Luz Lobato et al. // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2113–2114.
- [37] Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports / R. M. Patton, B. G. Beckerman, T. E. Potok, J. N. Treadwell // GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC) / ed. by S. L. Smith, S. Cagnoni, R. Patton. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1931–1936.
- [38] Genetic algorithms for automatic classification of moving objects / O. David-Tabibi, N. S. Netanyahu, Y. Rosenberg, M. Shimoni // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2069–2070.
- [39] Getting lost or getting trapped: on the effect of moves to incommensurable points in multiobjective hillclimbing / M. Emmerich, A. Deutz, R. Li, J. Krüßelbrink // GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends / ed. by D. Brockhoff, N. Beume. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1963–1966.
- [40] *Ghosh, S.* On the asymptotic convergence of differential evolution in continuous spaces: a control theoretic approach / S. Ghosh, S. Das, S. Das // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2073–2074.
- [41] *Goodman, E. D.* Introduction to genetic algorithms / E. D. Goodman // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2121–2136.

- [42] *Hansen, N.* Black-box optimization benchmarking of NEWUOA compared to BIPOP-CMA-ES: on the BBOB noiseless testbed / N. Hansen, R. Ros // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1519–1526.
- [43] *Harrington, K. I.* Robot phylogenetics / K. I. Harrington, J. B. Pollack // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2077–2078.
- [44] *Hoenigman, R.* AgentScapes: designing water efficient landscapes using distributed agent-based optimization / R. Hoenigman, E. Bradley, N. Barger // GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop / ed. by W. Rand, R. Riolo. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1777–1784.
- [45] *Hosny, M. I.* An adaptive hybrid VNS/SA approach to the one-commodity pickup and delivery problem / M. I. Hosny, C. L. Mumford // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2079–2080.
- [46] *Hu, H.* A control optimization algorithm for greenhouse climate control problems / H. Hu, L. Xu, E. D. Goodman // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2081–2082.
- [47] *Hurley, J.* LESR CLASS: an LCS for securities trading rulesets / J. Hurley // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2083–2084.
- [48] *Icke, I.* Dimensionality reduction using symbolic regression / I. Icke, A. Rosenberg // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2085–2086.
- [49] An investigation of real-valued accuracy-based learning classifier systems for electronic fraud detection / M. Behdad, L. Barone, T. French, M. Bennamoun // Thirteenth international workshop on learning classifier systems / ed. by J. Bacardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1893–1900.
- [50] *Iordache, S.* Consultant-guided search combined with local search for the traveling salesman problem / S. Iordache // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2087–2088.
- [51] *Jansen, T.* Computational complexity and evolutionary computation / T. Jansen, F. Neumann // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2683–2710.
- [52] *Kim, J.-W.* Evolutionary learning in networked multi-agent organizations / J.-W. Kim // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2007–2010.
- [53] *Kimbrough, S. O.* On decision support for deliberating with constraints in constrained optimization models / S. O. Kimbrough, A. Kuo, H. C. Lau // GECCO 2010 Evolutionary computation techniques for constraint handling / ed. by C. A. C. Coello, D. Curran, T. Jansen. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1833–1840.
- [54] *Knittel, A.* An activation reinforcement based classifier system for balancing generalisation and specialisation (ARCS) / A. Knittel // Thirteenth international workshop on learning classifier systems / ed. by J. Bacardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1871–1878.
- [55] *Koppaka, S.* Superior exploration-exploitation balance with quantum-inspired hadamard walks / S. Koppaka, A. R. Hota // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2093–2094.

- [56] *Kotanchek, M.* Real-world data modeling / M. Kotanchek // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2863–2896.
- [57] *Koza, J. R.* Introduction to genetic programming tutorial: from the basics to human-competitive results / J. R. Koza // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2137–2262.
- [58] *Kubalik, J.* Black-box optimization benchmarking of two variants of the POEMS algorithm on the noiseless testbed / J. Kubalik // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1567–1574.
- [59] *Kuber, K.* Information theoretic fitness measures for learning classifier systems / K. Kuber, C. K. Mohan // Thirteenth international workshop on learning classifier systems / ed. by J. Baccardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1885–1892.
- [60] *Kukunas, J.* A genetic algorithm to improve linux kernel performance on resource-constrained devices / J. Kukunas, R. D. Cupper, G. M. Kapfhammer // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2095–2096.
- [61] *Lara, A.* New challenges for memetic algorithms on continuous multi-objective problems / A. Lara, O. Schuetze, C. A. Coello Coello // GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends / ed. by D. Brockhoff, N. Beume. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1967–1970.
- [62] *LaTorre, A.* Benchmarking a MOS-based algorithm on the BBOB-2010 noiseless function testbed / A. LaTorre, S. Muelas, J. M. Pena // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1649–1656.
- [63] *Li, R.* Towards automated software architectures design using model transformations and evolutionary algorithms / R. Li, M. R. Chaudron, R. C. Ladan // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2097–2098.
- [64] *Lobo, F. G.* Towards automated selection of estimation of distribution algorithms / F. G. Lobo, C. F. Lima // Optimization by building and using probabilistic models (OBUPM-2010) / ed. by M. Hauschild, M. Pelikan. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1945–1952.
- [65] *Lopez-Ibanez, M.* Graphical tools for the analysis of bi-objective optimization algorithms: [workshop on theoretical aspects of evolutionary multiobjective optimization] / M. Lopez-Ibanez, T. Stuetzle, L. Paquete // GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends / ed. by D. Brockhoff, N. Beume. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1959–1962.
- [66] *Loshchilov, I.* A pareto-compliant surrogate approach for multiobjective optimization / I. Loshchilov, M. Schoenauer, M. Sebag // GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends / ed. by D. Brockhoff, N. Beume. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1979–1982.
- [67] *Machmudah, A.* UAV bezier curve maneuver planning using genetic algorithm / A. Machmudah, S. Parman, A. Zainuddin // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2019–2022.
- [68] *Matayoshi, M.* Corner junction: a new strategy for 2d strip packing / M. Matayoshi // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2099–2100.

- [69] *McRee, R. K.* Symbolic regression using nearest neighbor indexing / R. K. McRee // GECCO 2010 Symbolic regression workshop / ed. by S. Gustafson, M. Kotanchek. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1983–1990.
- [70] *Meuth, R. J.* Meta-learning genetic programming / R. J. Meuth // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2101–2102.
- [71] *Miikkulainen, R.* Evolving neural networks / R. Miikkulainen // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2441–2460.
- [72] *Miller, J. F.* Detection of microcalcifications in mammograms using multi-chromosome Cartesian genetic programming / J. F. Miller, S. L. Smith, Y. Zhang // GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC) / ed. by S. L. Smith, S. Cagnoni, R. Patton. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1923–1930.
- [73] *Milton, J.* Entropy profiles of ranked and random populations / J. Milton, P. J. Kennedy // GECCO 2010 Entropy, information and complexity / ed. by S. W. Card, Y. Borenstein. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1843–1850.
- [74] *Moore, J. H.* Bioinformatics / J. H. Moore // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2503–2534.
- [75] *Narasimhan, H.* Automatic summarization of cricket video events using genetic algorithm / H. Narasimhan, S. Satheesh, D. Sriram // Eighth GECCO Undergraduate Student Workshop / ed. by C. B. Congdon, F. Moore. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2051–2054.
- [76] *Parinov, O.* The implementation and improvements of genetic algorithm for job-shop scheduling problems / O. Parinov // Eighth GECCO Undergraduate Student Workshop / ed. by C. B. Congdon, F. Moore. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2055–2058.
- [77] *Parra, J.* Backpropagation learning with a (1+1) ES / J. Parra, L. Trujillo, P. Melin // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2103–2104.
- [78] *Parracho, P.* Trading in financial markets using pattern recognition optimized by genetic algorithms / P. Parracho, R. Neves, N. Horta // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2105–2106.
- [79] Particle swarm optimization algorithm for option pricing: extended abstract / H. Prasain, P. Thulasiraman, R. K. Thulasiram, G. K. Jha // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2109–2110.
- [80] Pattern-oriented inverse simulation for agent-based modeling: an analysis of family strategies / C. Yang, S. Kurahashi, I. Ono, T. Terano // GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop / ed. by W. Rand, R. Riolo. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1801–1808.
- [81] *Pelikan, M.* Probabilistic model-building genetic algorithms / M. Pelikan // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2303–2330.
- [82] *Peroumalnaik, M.* Prediction using Pittsburgh learning classifier systems: APCS use case / M. Peroumalnaik, G. Énée // Thirteenth international workshop on learning classifier systems / ed. by J. Bacardit, W. Browne, J. Drugowitsch. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1901–1908.
- [83] *Pilat, M. L.* Evolutionary computation on complex spatially-distributed networks / M. L. Pilat, I. Pestov // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2107–2108.

- [84] *Poli, R.* Genetic programming theory / R. Poli // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2473–2502.
- [85] *Pošík, P.* Comparison of cauchy EDA and BIPOP-CMA-ES algorithms on the BBOB noiseless testbed / P. Pošík // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1697–1702.
- [86] *Preuss, M.* Niching the CMA-ES via nearest-better clustering / M. Preuss // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1711–1718.
- [87] *Raja, M. A. Z.* Heuristic computational approach using swarm intelligence in solving fractional differential equations / M. A. Z. Raja, J. A. Khan, I. M. Qureshi // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2023–2026.
- [88] *Raschip, M.* Using messy genetic algorithms for solving the winner determination problem / M. Raschip, H. Luchian // GECCO 2010 Evolutionary computation techniques for constraint handling / ed. by C. A. C. Coello, D. Curran, T. Jansen. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1825–1832.
- [89] *Ros, R.* Comparison of NEWUOA with different numbers of interpolation points on the BBOB noiseless testbed / R. Ros // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1487–1494.
- [90] *Rothlauf, F.* Representations for evolutionary algorithms / F. Rothlauf // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2535–2556.
- [91] *Ryan, C.* Grammatical evolution tutorial / C. Ryan // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2385–2412.
- [92] *Sato, Y.* Genetic operations to solve sudoku puzzles / Y. Sato, H. Inoue // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2111–2112.
- [93] Scaling up indicator-based MOEAs by approximating the least hypervolume contributor: a preliminary study / T. Voß, T. Friedrich, K. Bringmann, C. Igel // GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends / ed. by D. Brockhoff, N. Beume. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1975–1978.
- [94] *Silva, S.* Handling bloat in GP / S. Silva // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2769–2794.
- [95] *Smith, J. T.* Implicit fitness and heterogeneous preferences in the genetic algorithm / J. T. Smith // GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop / ed. by W. Rand, R. Riolo. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1785–1792.
- [96] Some comments on GD and IGD and relations to the Hausdorff distance / O. Schuetze, X.quivel, A. Lara, C. A. Coello Coello // GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends / ed. by D. Brockhoff, N. Beume. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1971–1974.
- [97] *Soule, T.* A developmental approach to evolving scalable hierarchies for multi-agent swarms / T. Soule, R. B. Heckendorn // GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop / ed. by W. Rand, R. Riolo. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1769–1776.

- [98] *Spector, L.* Evolution of quantum algorithms / L. Spector // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2739–2768.
- [99] *Stanley, K. O.* Generative and developmental systems / K. O. Stanley // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2841–2862.
- [100] *Thierens, D.* Linkage tree genetic algorithm: first results / D. Thierens // Optimization by building and using probabilistic models (OBUPM-2010) / ed. by M. Hauschild, M. Pelikan. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1953–1958.
- [101] *Tran, T.-D.* Real-coded genetic algorithm benchmarked on noiseless black-box optimization testbed / T.-D. Tran, G.-G. Jin // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1731–1738.
- [102] *Valencia, P.* Fitness importance for online evolution / P. Valencia, R. Jurdak, P. Lindsay // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2117–2118.
- [103] *Vanneschi, L.* Fitness landscapes and problem hardness in genetic programming / L. Vanneschi // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2711–2738.
- [104] *Vose, M. D.* Course notes: genetic algorithm theory / M. D. Vose // GECCO 2010 Advanced tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2647–2660.
- [105] *Weise, T.* AOAB: automated optimization algorithm benchmarking / T. Weise, L. Niu, K. Tang // Black box optimization benchmarking 2010 (BBOB 2010) / ed. by A. Auger, H.-G. Beyer, N. Hansen et al. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1479–1486.
- [106] *Williams, Z. D.* Using synthetic test suites to empirically compare search-based and greedy prioritizers / Z. D. Williams, G. M. Kapfhammer // GECCO 2010 Late breaking abstracts / ed. by D. Tauritz. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2119–2120.
- [107] *Wineberg, M.* Statistical analysis for evolutionary computation: introduction / M. Wineberg, S. Christensen // GECCO 2010 Introductory tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2413–2440.
- [108] *Witt, C.* Theory of randomised search heuristics in combinatorial optimisation / C. Witt // GECCO 2010 Specialized techniques and applications tutorials / ed. by U.-M. O'Reilly. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2795–2840.
- [109] *Zapotecas Martínez, S.* A novel diversification strategy for multi-objective evolutionary algorithms / S. Zapotecas Martínez, C. A. Coello Coello // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2031–2034.
- [110] *Zechman, E. M.* Integrating complex adaptive system simulation and evolutionary computation to support water infrastructure threat management / E. M. Zechman // GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop / ed. by W. Rand, R. Riolo. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 1809–1816.
- [111] *Zhu, Z. Z.* Constraint handling with modified hypervolume indicator for multi-objective optimization problems / Z. Z. Zhu // GECCO 2010 Graduate student workshop / ed. by R. Poli. — Portland, Oregon, USA : ACM, 2010. — 7-11 July. — P. 2035–2038.