

Список литературы

- [1] Weise, T., Niu, L., and Tang, K. (2010) Aoab: automated optimization algorithm benchmarking. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1479–1486, ACM.
- [2] Ros, R. (2010) Comparison of newuoa with different numbers of interpolation points on the bbob noiseless testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1487–1494, ACM.
- [3] Hansen, N. and Ros, R. (2010) Black-box optimization benchmarking of newuoa compared to bipop-cma-es: on the bbob noiseless testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1519–1526, ACM.
- [4] Álvaro Fialho, Gong, W., and Cai, Z. (2010) Probability matching-based adaptive strategy selection vs. uniform strategy selection within differential evolution: an empirical comparison on the bbob-2010 noiseless testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1527–1534, ACM.
- [5] Auger, A., Brockhoff, D., and Hansen, N. (2010) Comparing the (1+1)-cma-es with a mirrored (1+2)-cma-es with sequential selection on the noiseless bbob-2010 testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1543–1550, ACM.
- [6] Kubalik, J. (2010) Black-box optimization benchmarking of two variants of the poems algorithm on the noiseless testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1567–1574, ACM.
- [7] Finck, S. and Beyer, H.-G. (2010) Benchmarking cma-egs on the bbob 2010 noiseless function testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1633–1640, ACM.
- [8] LaTorre, A., Muelas, S., and Pena, J. M. (2010) Benchmarking a mos-based algorithm on the bbob-2010 noiseless function testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1649–1656, ACM.
- [9] Pošík, P. (2010) Comparison of cauchy eda and bipop-cma-es algorithms on the bbob noiseless testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1697–1702, ACM.
- [10] Preuss, M. (2010) Niching the cma-es via nearest-better clustering. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1711–1718, ACM.
- [11] El-Abd, M. (2010) Black-box optimization benchmarking for noiseless function testbed using artificial bee colony algorithm. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1719–1724, ACM.
- [12] Tran, T.-D. and Jin, G.-G. (2010) Real-coded genetic algorithm benchmarked on noiseless black-box optimization testbed. Auger, A., Beyer, H.-G., Hansen, N., Finck, S., Ros, R., and Posik, P. (eds.), *Black box optimization benchmarking 2010 (BBOB 2010)*, Portland, Oregon, USA, 7-11 July, pp. 1731–1738, ACM.

- [13] Soule, T. and Heckendorn, R. B. (2010) A developmental approach to evolving scalable hierarchies for multi-agent swarms. Rand, W. and Riolo, R. (eds.), *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, Portland, Oregon, USA, 7-11 July, pp. 1769–1776, ACM.
- [14] Hoenigman, R., Bradley, E., and Barger, N. (2010) Agentscapes: designing water efficient landscapes using distributed agent-based optimization. Rand, W. and Riolo, R. (eds.), *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, Portland, Oregon, USA, 7-11 July, pp. 1777–1784, ACM.
- [15] Smith, J. T. (2010) Implicit fitness and heterogeneous preferences in the genetic algorithm. Rand, W. and Riolo, R. (eds.), *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, Portland, Oregon, USA, 7-11 July, pp. 1785–1792, ACM.
- [16] Cheng, K.-L., Zuckerman, I., Kuter, U., and Nau, D. (2010) Emergence of cooperative societies in evolutionary games. Rand, W. and Riolo, R. (eds.), *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, Portland, Oregon, USA, 7-11 July, pp. 1793–1800, ACM.
- [17] Yang, C., Kurahashi, S., Ono, I., and Terano, T. (2010) Pattern-oriented inverse simulation for agent-based modeling: an analysis of family strategies. Rand, W. and Riolo, R. (eds.), *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, Portland, Oregon, USA, 7-11 July, pp. 1801–1808, ACM.
- [18] Zechman, E. M. (2010) Integrating complex adaptive system simulation and evolutionary computation to support water infrastructure threat management. Rand, W. and Riolo, R. (eds.), *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, Portland, Oregon, USA, 7-11 July, pp. 1809–1816, ACM.
- [19] FitzGerald, A. and O'Donoghue, D. P. (2010) Biologically inspired non-mendelian repair for constraint handling in evolutionary algorithms. Coello, C. A. C., Curran, D., and Jansen, T. (eds.), *GECCO 2010 Evolutionary computation techniques for constraint handling*, Portland, Oregon, USA, 7-11 July, pp. 1817–1824, ACM.
- [20] Rasch, M. and Luchian, H. (2010) Using messy genetic algorithms for solving the winner determination problem. Coello, C. A. C., Curran, D., and Jansen, T. (eds.), *GECCO 2010 Evolutionary computation techniques for constraint handling*, Portland, Oregon, USA, 7-11 July, pp. 1825–1832, ACM.
- [21] Kimbrough, S. O., Kuo, A., and Lau, H. C. (2010) On decision support for deliberating with constraints in constrained optimization models. Coello, C. A. C., Curran, D., and Jansen, T. (eds.), *GECCO 2010 Evolutionary computation techniques for constraint handling*, Portland, Oregon, USA, 7-11 July, pp. 1833–1840, ACM.
- [22] Abbott, R. (2010) From energy to information and back. Card, S. W. and Borenstein, Y. (eds.), *GECCO 2010 Entropy, information and complexity*, Portland, Oregon, USA, 7-11 July, pp. 1841–1842, ACM.
- [23] Milton, J. and Kennedy, P. J. (2010) Entropy profiles of ranked and random populations. Card, S. W. and Borenstein, Y. (eds.), *GECCO 2010 Entropy, information and complexity*, Portland, Oregon, USA, 7-11 July, pp. 1843–1850, ACM.
- [24] Card, S. W. (2010) Information distance based fitness and diversity metrics. Card, S. W. and Borenstein, Y. (eds.), *GECCO 2010 Entropy, information and complexity*, Portland, Oregon, USA, 7-11 July, pp. 1851–1854, ACM.
- [25] Franco, M. A., Krasnogor, N., and Bacardit, J. (2010) Analysing biohel using challenging boolean functions. Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1855–1862, ACM.

- [26] Stalph, P. O., Rubinsztajn, J., Sigaud, O., and Butz, M. V. (2010) A comparative study: function approximation with lwpr and xcsf. Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1863–1870, ACM.
- [27] Knittel, A. (2010) An activation reinforcement based classifier system for balancing generalisation and specialisation (arcs). Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1871–1878, ACM.
- [28] Éné, G. and Péroumalnaïk, M. (2010) Speedup character-based matching in learning classifier systems with xor. Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1879–1884, ACM.
- [29] Kuber, K. and Mohan, C. K. (2010) Information theoretic fitness measures for learning classifier systems. Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1885–1892, ACM.
- [30] Behdad, M., Barone, L., French, T., and Bennamoun, M. (2010) An investigation of real-valued accuracy-based learning classifier systems for electronic fraud detection. Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1893–1900, ACM.
- [31] Peroumalnaik, M. and Énée, G. (2010) Prediction using pittsburgh learning classifier systems: Apcs use case. Bacardit, J., Browne, W., and Drugowitsch, J. (eds.), *Thirteenth international workshop on learning classifier systems*, Portland, Oregon, USA, 7-11 July, pp. 1901–1908, ACM.
- [32] Arsalan, M., Malik, S. A., and Khan, A. (2010) Intelligent threshold selection for reversible watermarking of medical images. Smith, S. L., Cagnoni, S., and Patton, R. (eds.), *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, Portland, Oregon, USA, 7-11 July, pp. 1909–1914, ACM.
- [33] Winkler, S. M., Affenzeller, M., Jacak, W., and Stekel, H. (2010) Classification of tumor marker values using heuristic data mining methods. Smith, S. L., Cagnoni, S., and Patton, R. (eds.), *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, Portland, Oregon, USA, 7-11 July, pp. 1915–1922, ACM.
- [34] Miller, J. F., Smith, S. L., and Zhang, Y. (2010) Detection of microcalcifications in mammograms using multi-chromosome cartesian genetic programming. Smith, S. L., Cagnoni, S., and Patton, R. (eds.), *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, Portland, Oregon, USA, 7-11 July, pp. 1923–1930, ACM.
- [35] Patton, R. M., Beckerman, B. G., Potok, T. E., and Treadwell, J. N. (2010) Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports. Smith, S. L., Cagnoni, S., and Patton, R. (eds.), *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, Portland, Oregon, USA, 7-11 July, pp. 1931–1936, ACM.
- [36] Lobo, F. G. and Lima, C. F. (2010) Towards automated selection of estimation of distribution algorithms. Hauschild, M. and Pelikan, M. (eds.), *Optimization by building and using probabilistic models (OBUPM-2010)*, Portland, Oregon, USA, 7-11 July, pp. 1945–1952, ACM.
- [37] Thierens, D. (2010) Linkage tree genetic algorithm: first results. Hauschild, M. and Pelikan, M. (eds.), *Optimization by building and using probabilistic models (OBUPM-2010)*, Portland, Oregon, USA, 7-11 July, pp. 1953–1958, ACM.
- [38] Lopez-Ibanez, M., Stuetzle, T., and Paquete, L. (2010) Graphical tools for the analysis of bi-objective optimization algorithms: [workshop on theoretical aspects of evolutionary multiobjective optimization]. Brockhoff, D. and Beume, N. (eds.), *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, Portland, Oregon, USA, 7-11 July, pp. 1959–1962, ACM.

- [39] Emmerich, M., Deutz, A., Li, R., and Kruisselbrink, J. (2010) Getting lost or getting trapped: on the effect of moves to incomparable points in multiobjective hillclimbing. Brockhoff, D. and Beume, N. (eds.), *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, Portland, Oregon, USA, 7-11 July, pp. 1963–1966, ACM.
- [40] Lara, A., Schuetze, O., and Coello Coello, C. A. (2010) New challenges for memetic algorithms on continuous multi-objective problems. Brockhoff, D. and Beume, N. (eds.), *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, Portland, Oregon, USA, 7-11 July, pp. 1967–1970, ACM.
- [41] Schuetze, O., Equivel, X., Lara, A., and Coello Coello, C. A. (2010) Some comments on gd and igd and relations to the hausdorff distance. Brockhoff, D. and Beume, N. (eds.), *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, Portland, Oregon, USA, 7-11 July, pp. 1971–1974, ACM.
- [42] Voß, T., Friedrich, T., Bringmann, K., and Igel, C. (2010) Scaling up indicator-based moeas by approximating the least hypervolume contributor: a preliminary study. Brockhoff, D. and Beume, N. (eds.), *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, Portland, Oregon, USA, 7-11 July, pp. 1975–1978, ACM.
- [43] Loshchilov, I., Schoenauer, M., and Sebag, M. (2010) A pareto-compliant surrogate approach for multiobjective optimization. Brockhoff, D. and Beume, N. (eds.), *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, Portland, Oregon, USA, 7-11 July, pp. 1979–1982, ACM.
- [44] McRee, R. K. (2010) Symbolic regression using nearest neighbor indexing. Gustafson, S. and Kotanchek, M. (eds.), *GECCO 2010 Symbolic regression workshop*, Portland, Oregon, USA, 7-11 July, pp. 1983–1990, ACM.
- [45] Widera, P., Bacardit, J., Krasnogor, N., García-Martínez, C., and Lozano, M. (2010) Evolutionary symbolic discovery for bioinformatics, systems and synthetic biology. Gustafson, S. and Kotanchek, M. (eds.), *GECCO 2010 Symbolic regression workshop*, Portland, Oregon, USA, 7-11 July, pp. 1991–1998, ACM.
- [46] Dobslaw, F. (2010) An experimental study on robust parameter settings. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 1999–2002, ACM.
- [47] Evins, R. (2010) Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2003–2006, ACM.
- [48] Kim, J.-W. (2010) Evolutionary learning in networked multi-agent organizations. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2007–2010, ACM.
- [49] Lima Junior, A. R., Silva, D. A., Mattos Neto, P. S., and Ferreira, T. A. (2010) An experimental study of fitness function and time series forecasting using artificial neural networks. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2015–2018, ACM.
- [50] Machmudah, A., Parman, S., and Zainuddin, A. (2010) Uav bezier curve maneuver planning using genetic algorithm. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2019–2022, ACM.
- [51] Raja, M. A. Z., Khan, J. A., and Qureshi, I. M. (2010) Heuristic computational approach using swarm intelligence in solving fractional differential equations. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2023–2026, ACM.
- [52] Zapotecas Martínez, S. and Coello Coello, C. A. (2010) A novel diversification strategy for multi-objective evolutionary algorithms. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2031–2034, ACM.

- [53] Zhu, Z. Z. (2010) Constraint handling with modified hypervolume indicator for multi-objective optimization problems. Poli, R. (ed.), *GECCO 2010 Graduate student workshop*, Portland, Oregon, USA, 7-11 July, pp. 2035–2038, ACM.
- [54] Aldridge, S., Peterson, M., and Herzog, B. (2010) Image sets for the training of image processing systems. Congdon, C. B. and Moore, F. (eds.), *Eighth GECCO Undergraduate Student Workshop*, Portland, Oregon, USA, 7-11 July, pp. 2039–2042, ACM.
- [55] Babb, B. J. (2010) Can evolved forward transforms do better than wavelets. Congdon, C. B. and Moore, F. (eds.), *Eighth GECCO Undergraduate Student Workshop*, Portland, Oregon, USA, 7-11 July, pp. 2043–2046, ACM.
- [56] Crofford, J. M. (2010) Is the triple parameter hypothesis generalizable. Congdon, C. B. and Moore, F. (eds.), *Eighth GECCO Undergraduate Student Workshop*, Portland, Oregon, USA, 7-11 July, pp. 2047–2050, ACM.
- [57] Narasimhan, H., Satheesh, S., and Sriram, D. (2010) Automatic summarization of cricket video events using genetic algorithm. Congdon, C. B. and Moore, F. (eds.), *Eighth GECCO Undergraduate Student Workshop*, Portland, Oregon, USA, 7-11 July, pp. 2051–2054, ACM.
- [58] Parinov, O. (2010) The implementation and improvements of genetic algorithm for job-shop scheduling problems. Congdon, C. B. and Moore, F. (eds.), *Eighth GECCO Undergraduate Student Workshop*, Portland, Oregon, USA, 7-11 July, pp. 2055–2058, ACM.
- [59] Agogino, A. (2010) Component evolution for large scale air traffic optimization. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2059–2060, ACM.
- [60] Ahn, E. Y., Mullen, T., and Yen, J. (2010) Finding feature transformation functions using genetic algorithm. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2061–2062, ACM.
- [61] Azene, Y. T. and Rajkumar, R. (2010) Multi-stage, multi-objective process optimisation. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2063–2064, ACM.
- [62] Barreira, A. F., Carlos Eduardo de Jesus Guimar a. O., Teixeira, O. N., and Roberto Célio Lim a. d. (2010) Evolutionary artificial immune system optimization. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2065–2066, ACM.
- [63] David-Tabibi, O., Netanyahu, N. S., Rosenberg, Y., and Shimoni, M. (2010) Genetic algorithms for automatic classification of moving objects. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2069–2070, ACM.
- [64] Flasch, O., Mersmann, O., and Bartz-Beielstein, T. (2010) Rgp: an open source genetic programming system for the r environment. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2071–2072, ACM.
- [65] Ghosh, S., Das, S., and Das, S. (2010) On the asymptotic convergence of differential evolution in continuous spaces: a control theoretic approach. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2073–2074, ACM.
- [66] Harrington, K. I. and Pollack, J. B. (2010) Robot phylogenetics. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2077–2078, ACM.
- [67] Hosny, M. I. and Mumford, C. L. (2010) An adaptive hybrid vns/sa approach to the one-commodity pickup and delivery problem. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2079–2080, ACM.
- [68] Hu, H., Xu, L., and Goodman, E. D. (2010) A control optimization algorithm for greenhouse climate control problems. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2081–2082, ACM.

- [69] Hurley, J. (2010) Lesr class: an lcs for securities trading rulesets. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2083–2084, ACM.
- [70] Icke, I. and Rosenberg, A. (2010) Dimensionality reduction using symbolic regression. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2085–2086, ACM.
- [71] Iordache, S. (2010) Consultant-guided search combined with local search for the traveling salesman problem. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2087–2088, ACM.
- [72] Koppaka, S. and Hota, A. R. (2010) Superior exploration-exploitation balance with quantum-inspired hadamard walks. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2093–2094, ACM.
- [73] Kukunas, J., Cupper, R. D., and Kapfhammer, G. M. (2010) A genetic algorithm to improve linux kernel performance on resource-constrained devices. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2095–2096, ACM.
- [74] Li, R., Chaudron, M. R., and Ladan, R. C. (2010) Towards automated software architectures design using model transformations and evolutionary algorithms. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2097–2098, ACM.
- [75] Matayoshi, M. (2010) Corner junction: a new strategy for 2d strip packing. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2099–2100, ACM.
- [76] Meuth, R. J. (2010) Meta-learning genetic programming. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2101–2102, ACM.
- [77] Parra, J., Trujillo, L., and Melin, P. (2010) Backpropagation learning with a (1+1) es. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2103–2104, ACM.
- [78] Parracho, P., Neves, R., and Horta, N. (2010) Trading in financial markets using pattern recognition optimized by genetic algorithms. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2105–2106, ACM.
- [79] Pilat, M. L. and Pestov, I. (2010) Evolutionary computation on complex spatially-distributed networks. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2107–2108, ACM.
- [80] Prasain, H., Thulasiraman, P., Thulasiram, R. K., and Jha, G. K. (2010) Particle swarm optimization algorithm for option pricing: extended abstract. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2109–2110, ACM.
- [81] Sato, Y. and Inoue, H. (2010) Genetic operations to solve sudoku puzzles. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2111–2112, ACM.
- [82] Teixeira, O. N., de Brito, F. H., da Luz Lobato, W. A., Teixeira, A. N., Yasojima, C. T. K., and Roberto Célio Lim a. d. (2010) Fuzzy social interaction genetic algorithm. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2113–2114, ACM.
- [83] Valencia, P., Jurdak, R., and Lindsay, P. (2010) Fitness importance for online evolution. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2117–2118, ACM.
- [84] Williams, Z. D. and Kapfhammer, G. M. (2010) Using synthetic test suites to empirically compare search-based and greedy prioritizers. Tauritz, D. (ed.), *GECCO 2010 Late breaking abstracts*, Portland, Oregon, USA, 7-11 July, pp. 2119–2120, ACM.
- [85] Goodman, E. D. (2010) Introduction to genetic algorithms. O’Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2121–2136, ACM.

- [86] Koza, J. R. (2010) Introduction to genetic programming tutorial: from the basics to human-competitive results. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2137–2262, ACM.
- [87] Baeck, T. (2010) Evolution strategies: basic introduction. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2263–2288, ACM.
- [88] De Jong, K. (2010) Evolutionary computation: a unified approach. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2289–2302, ACM.
- [89] Pelikan, M. (2010) Probabilistic model-building genetic algorithms. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2303–2330, ACM.
- [90] Butz, M. V. (2010) Learning classifier systems. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2331–2352, ACM.
- [91] Ryan, C. (2010) Grammatical evolution tutorial. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2385–2412, ACM.
- [92] Wineberg, M. and Christensen, S. (2010) Statistical analysis for evolutionary computation: introduction. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2413–2440, ACM.
- [93] Miikkulainen, R. (2010) Evolving neural networks. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2441–2460, ACM.
- [94] Clack, C. D. (2010) Financial evolutionary computing. O'Reilly, U.-M. (ed.), *GECCO 2010 Introductory tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2461–2472, ACM.
- [95] Poli, R. (2010) Genetic programming theory. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2473–2502, ACM.
- [96] Moore, J. H. (2010) Bioinformatics. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2503–2534, ACM.
- [97] Rothlauf, F. (2010) Representations for evolutionary algorithms. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2535–2556, ACM.
- [98] Friedrich, T. and Neumann, F. (2010) Foundations of evolutionary multi-objective optimization. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2557–2576, ACM.
- [99] Deb, K. (2010) Evolutionary multi-criterion optimization. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2577–2602, ACM.
- [100] Coello Coello, C. A. (2010) Constraint-handling techniques used with evolutionary algorithms. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2603–2624, ACM.
- [101] Bartz-Beielstein, T. and Preuss, M. (2010) Tuning and experimental analysis in evolutionary computation: what we still have wrong. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2625–2646, ACM.
- [102] Vose, M. D. (2010) Course notes: genetic algorithm theory. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2647–2660, ACM.
- [103] Jansen, T. and Neumann, F. (2010) Computational complexity and evolutionary computation. O'Reilly, U.-M. (ed.), *GECCO 2010 Advanced tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2683–2710, ACM.
- [104] Vanneschi, L. (2010) Fitness landscapes and problem hardness in genetic programming. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2711–2738, ACM.

- [105] Spector, L. (2010) Evolution of quantum algorithms. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2739–2768, ACM.
- [106] Silva, S. (2010) Handling bloat in gp. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2769–2794, ACM.
- [107] Witt, C. (2010) Theory of randomised search heuristics in combinatorial optimisation. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2795–2840, ACM.
- [108] Stanley, K. O. (2010) Generative and developmental systems. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2841–2862, ACM.
- [109] Kotanchek, M. (2010) Real-world data modeling. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2863–2896, ACM.
- [110] Bäck, T., Knowles, J., and Shir, O. M. (2010) Experimental optimization by evolutionary algorithms. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2897–2916, ACM.
- [111] Beckmann, B. E., Clune, J., and Ofria, C. (2010) Digital evolution with avida. O'Reilly, U.-M. (ed.), *GECCO 2010 Specialized techniques and applications tutorials*, Portland, Oregon, USA, 7-11 July, pp. 2917–2926, ACM.