

Список литературы

- [1] Weise, T., Niu, L., and Tang, K., Aoab: automated optimization algorithm benchmarking, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1479–1486, Portland, Oregon, USA, 2010, ACM.
- [2] Ros, R., Comparison of newuoa with different numbers of interpolation points on the bbob noiseless testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1487–1494, Portland, Oregon, USA, 2010, ACM.
- [3] Hansen, N. and Ros, R., Black-box optimization benchmarking of newuoa compared to bipop-cma-es: on the bbob noiseless testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1519–1526, Portland, Oregon, USA, 2010, ACM.
- [4] Álvaro Fialho, Gong, W., and Cai, Z., Probability matching-based adaptive strategy selection vs. uniform strategy selection within differential evolution: an empirical comparison on the bbob-2010 noiseless testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1527–1534, Portland, Oregon, USA, 2010, ACM.
- [5] Auger, A., Brockhoff, D., and Hansen, N., Comparing the (1+1)-cma-es with a mirrored (1+2)-cma-es with sequential selection on the noiseless bbob-2010 testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1543–1550, Portland, Oregon, USA, 2010, ACM.
- [6] Kubalik, J., Black-box optimization benchmarking of two variants of the poems algorithm on the noiseless testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1567–1574, Portland, Oregon, USA, 2010, ACM.
- [7] Finck, S. and Beyer, H.-G., Benchmarking cma-es on the bbob 2010 noiseless function testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1633–1640, Portland, Oregon, USA, 2010, ACM.
- [8] LaTorre, A., Muelas, S., and Pena, J. M., Benchmarking a mos-based algorithm on the bbob-2010 noiseless function testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1649–1656, Portland, Oregon, USA, 2010, ACM.
- [9] Pošík, P., Comparison of cauchy eda and bipop-cma-es algorithms on the bbob noiseless testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1697–1702, Portland, Oregon, USA, 2010, ACM.
- [10] Preuss, M., Niching the cma-es via nearest-better clustering, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1711–1718, Portland, Oregon, USA, 2010, ACM.
- [11] El-Abd, M., Black-box optimization benchmarking for noiseless function testbed using artificial bee colony algorithm, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1719–1724, Portland, Oregon, USA, 2010, ACM.
- [12] Tran, T.-D. and Jin, G.-G., Real-coded genetic algorithm benchmarked on noiseless black-box optimization testbed, in *Black box optimization benchmarking 2010 (BBOB 2010)*, edited by Auger, A. et al., pages 1731–1738, Portland, Oregon, USA, 2010, ACM.
- [13] Soule, T. and Heckendorn, R. B., A developmental approach to evolving scalable hierarchies for multi-agent swarms, in *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, edited by Rand, W. and Riolo, R., pages 1769–1776, Portland, Oregon, USA, 2010, ACM.
- [14] Hoenigman, R., Bradley, E., and Barger, N., Agentscapes: designing water efficient landscapes using distributed agent-based optimization, in *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, edited by Rand, W. and Riolo, R., pages 1777–1784, Portland, Oregon, USA, 2010, ACM.

- [15] Smith, J. T., Implicit fitness and heterogeneous preferences in the genetic algorithm, in *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, edited by Rand, W. and Riolo, R., pages 1785–1792, Portland, Oregon, USA, 2010, ACM.
- [16] Cheng, K.-L., Zuckerman, I., Kuter, U., and Nau, D., Emergence of cooperative societies in evolutionary games, in *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, edited by Rand, W. and Riolo, R., pages 1793–1800, Portland, Oregon, USA, 2010, ACM.
- [17] Yang, C., Kurahashi, S., Ono, I., and Terano, T., Pattern-oriented inverse simulation for agent-based modeling: an analysis of family strategies, in *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, edited by Rand, W. and Riolo, R., pages 1801–1808, Portland, Oregon, USA, 2010, ACM.
- [18] Zechman, E. M., Integrating complex adaptive system simulation and evolutionary computation to support water infrastructure threat management, in *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, edited by Rand, W. and Riolo, R., pages 1809–1816, Portland, Oregon, USA, 2010, ACM.
- [19] FitzGerald, A. and O'Donoghue, D. P., Biologically inspired non-mendelian repair for constraint handling in evolutionary algorithms, in *GECCO 2010 Evolutionary computation techniques for constraint handling*, edited by Coello, C. A. C., Curran, D., and Jansen, T., pages 1817–1824, Portland, Oregon, USA, 2010, ACM.
- [20] Raschip, M. and Luchian, H., Using messy genetic algorithms for solving the winner determination problem, in *GECCO 2010 Evolutionary computation techniques for constraint handling*, edited by Coello, C. A. C., Curran, D., and Jansen, T., pages 1825–1832, Portland, Oregon, USA, 2010, ACM.
- [21] Kimbrough, S. O., Kuo, A., and Lau, H. C., On decision support for deliberating with constraints in constrained optimization models, in *GECCO 2010 Evolutionary computation techniques for constraint handling*, edited by Coello, C. A. C., Curran, D., and Jansen, T., pages 1833–1840, Portland, Oregon, USA, 2010, ACM.
- [22] Abbott, R., From energy to information and back, in *GECCO 2010 Entropy, information and complexity*, edited by Card, S. W. and Borenstein, Y., pages 1841–1842, Portland, Oregon, USA, 2010, ACM.
- [23] Milton, J. and Kennedy, P. J., Entropy profiles of ranked and random populations, in *GECCO 2010 Entropy, information and complexity*, edited by Card, S. W. and Borenstein, Y., pages 1843–1850, Portland, Oregon, USA, 2010, ACM.
- [24] Card, S. W., Information distance based fitness and diversity metrics, in *GECCO 2010 Entropy, information and complexity*, edited by Card, S. W. and Borenstein, Y., pages 1851–1854, Portland, Oregon, USA, 2010, ACM.
- [25] Franco, M. A., Krasnogor, N., and Bacardit, J., Analysing biohel using challenging boolean functions, in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1855–1862, Portland, Oregon, USA, 2010, ACM.
- [26] Stalph, P. O., Rubinsztajn, J., Sigaud, O., and Butz, M. V., A comparative study: function approximation with lwpr and xcsf, in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1863–1870, Portland, Oregon, USA, 2010, ACM.
- [27] Knittel, A., An activation reinforcement based classifier system for balancing generalisation and specialisation (arcs), in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1871–1878, Portland, Oregon, USA, 2010, ACM.

- [28] Éné, G. and Péroumalnaïk, M., Speedup character-based matching in learning classifier systems with xor, in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1879–1884, Portland, Oregon, USA, 2010, ACM.
- [29] Kuber, K. and Mohan, C. K., Information theoretic fitness measures for learning classifier systems, in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1885–1892, Portland, Oregon, USA, 2010, ACM.
- [30] Behdad, M., Barone, L., French, T., and Bennamoun, M., An investigation of real-valued accuracy-based learning classifier systems for electronic fraud detection, in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1893–1900, Portland, Oregon, USA, 2010, ACM.
- [31] Peroumalnaik, M. and Énée, G., Prediction using pittsburgh learning classifier systems: Apc use case, in *Thirteenth international workshop on learning classifier systems*, edited by Bacardit, J., Browne, W., and Drugowitsch, J., pages 1901–1908, Portland, Oregon, USA, 2010, ACM.
- [32] Arsalan, M., Malik, S. A., and Khan, A., Intelligent threshold selection for reversible watermarking of medical images, in *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, edited by Smith, S. L., Cagnoni, S., and Patton, R., pages 1909–1914, Portland, Oregon, USA, 2010, ACM.
- [33] Winkler, S. M., Affenzeller, M., Jacak, W., and Stekel, H., Classification of tumor marker values using heuristic data mining methods, in *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, edited by Smith, S. L., Cagnoni, S., and Patton, R., pages 1915–1922, Portland, Oregon, USA, 2010, ACM.
- [34] Miller, J. F., Smith, S. L., and Zhang, Y., Detection of microcalcifications in mammograms using multi-chromosome cartesian genetic programming, in *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, edited by Smith, S. L., Cagnoni, S., and Patton, R., pages 1923–1930, Portland, Oregon, USA, 2010, ACM.
- [35] Patton, R. M., Beckerman, B. G., Potok, T. E., and Treadwell, J. N., Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports, in *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, edited by Smith, S. L., Cagnoni, S., and Patton, R., pages 1931–1936, Portland, Oregon, USA, 2010, ACM.
- [36] Lobo, F. G. and Lima, C. F., Towards automated selection of estimation of distribution algorithms, in *Optimization by building and using probabilistic models (OBUPM-2010)*, edited by Hauschild, M. and Pelikan, M., pages 1945–1952, Portland, Oregon, USA, 2010, ACM.
- [37] Thierens, D., Linkage tree genetic algorithm: first results, in *Optimization by building and using probabilistic models (OBUPM-2010)*, edited by Hauschild, M. and Pelikan, M., pages 1953–1958, Portland, Oregon, USA, 2010, ACM.
- [38] Lopez-Ibanez, M., Stuetzle, T., and Paquete, L., Graphical tools for the analysis of bi-objective optimization algorithms: [workshop on theoretical aspects of evolutionary multiobjective optimization], in *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, edited by Brockhoff, D. and Beume, N., pages 1959–1962, Portland, Oregon, USA, 2010, ACM.
- [39] Emmerich, M., Deutz, A., Li, R., and Kruisselbrink, J., Getting lost or getting trapped: on the effect of moves to incommensurable points in multiobjective hillclimbing, in *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, edited by Brockhoff, D. and Beume, N., pages 1963–1966, Portland, Oregon, USA, 2010, ACM.
- [40] Lara, A., Schuetze, O., and Coello Coello, C. A., New challenges for memetic algorithms on continuous multi-objective problems, in *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, edited by Brockhoff, D. and Beume, N., pages 1967–1970, Portland, Oregon, USA, 2010, ACM.

- [41] Schuetze, O., Equivel, X., Lara, A., and Coello Coello, C. A., Some comments on gd and igd and relations to the hausdorff distance, in *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, edited by Brockhoff, D. and Beume, N., pages 1971–1974, Portland, Oregon, USA, 2010, ACM.
- [42] Voß, T., Friedrich, T., Bringmann, K., and Igel, C., Scaling up indicator-based moeas by approximating the least hypervolume contributor: a preliminary study, in *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, edited by Brockhoff, D. and Beume, N., pages 1975–1978, Portland, Oregon, USA, 2010, ACM.
- [43] Loshchilov, I., Schoenauer, M., and Sebag, M., A pareto-compliant surrogate approach for multiobjective optimization, in *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, edited by Brockhoff, D. and Beume, N., pages 1979–1982, Portland, Oregon, USA, 2010, ACM.
- [44] McRee, R. K., Symbolic regression using nearest neighbor indexing, in *GECCO 2010 Symbolic regression workshop*, edited by Gustafson, S. and Kotanchek, M., pages 1983–1990, Portland, Oregon, USA, 2010, ACM.
- [45] Widera, P., Bacardit, J., Krasnogor, N., García-Martínez, C., and Lozano, M., Evolutionary symbolic discovery for bioinformatics, systems and synthetic biology, in *GECCO 2010 Symbolic regression workshop*, edited by Gustafson, S. and Kotanchek, M., pages 1991–1998, Portland, Oregon, USA, 2010, ACM.
- [46] Dobslaw, F., An experimental study on robust parameter settings, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 1999–2002, Portland, Oregon, USA, 2010, ACM.
- [47] Evins, R., Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2003–2006, Portland, Oregon, USA, 2010, ACM.
- [48] Kim, J.-W., Evolutionary learning in networked multi-agent organizations, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2007–2010, Portland, Oregon, USA, 2010, ACM.
- [49] Lima Junior, A. R., Silva, D. A., Mattos Neto, P. S., and Ferreira, T. A., An experimental study of fitness function and time series forecasting using artificial neural networks, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2015–2018, Portland, Oregon, USA, 2010, ACM.
- [50] Machmudah, A., Parman, S., and Zainuddin, A., Uav bezier curve maneuver planning using genetic algorithm, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2019–2022, Portland, Oregon, USA, 2010, ACM.
- [51] Raja, M. A. Z., Khan, J. A., and Qureshi, I. M., Heuristic computational approach using swarm intelligence in solving fractional differential equations, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2023–2026, Portland, Oregon, USA, 2010, ACM.
- [52] Zapotecas Martínez, S. and Coello Coello, C. A., A novel diversification strategy for multi-objective evolutionary algorithms, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2031–2034, Portland, Oregon, USA, 2010, ACM.
- [53] Zhu, Z. Z., Constraint handling with modified hypervolume indicator for multi-objective optimization problems, in *GECCO 2010 Graduate student workshop*, edited by Poli, R., pages 2035–2038, Portland, Oregon, USA, 2010, ACM.
- [54] Aldridge, S., Peterson, M., and Herzog, B., Image sets for the training of image processing systems, in *Eighth GECCO Undergraduate Student Workshop*, edited by Congdon, C. B. and Moore, F., pages 2039–2042, Portland, Oregon, USA, 2010, ACM.

- [55] Babb, B. J., Can evolved forward transforms do better than wavelets, in *Eighth GECCO Undergraduate Student Workshop*, edited by Congdon, C. B. and Moore, F., pages 2043–2046, Portland, Oregon, USA, 2010, ACM.
- [56] Crofford, J. M., Is the triple parameter hypothesis generalizable, in *Eighth GECCO Undergraduate Student Workshop*, edited by Congdon, C. B. and Moore, F., pages 2047–2050, Portland, Oregon, USA, 2010, ACM.
- [57] Narasimhan, H., Satheesh, S., and Sriram, D., Automatic summarization of cricket video events using genetic algorithm, in *Eighth GECCO Undergraduate Student Workshop*, edited by Congdon, C. B. and Moore, F., pages 2051–2054, Portland, Oregon, USA, 2010, ACM.
- [58] Parinov, O., The implementation and improvements of genetic algorithm for job-shop scheduling problems, in *Eighth GECCO Undergraduate Student Workshop*, edited by Congdon, C. B. and Moore, F., pages 2055–2058, Portland, Oregon, USA, 2010, ACM.
- [59] Agogino, A., Component evolution for large scale air traffic optimization, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2059–2060, Portland, Oregon, USA, 2010, ACM.
- [60] Ahn, E. Y., Mullen, T., and Yen, J., Finding feature transformation functions using genetic algorithm, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2061–2062, Portland, Oregon, USA, 2010, ACM.
- [61] Azene, Y. T. and Rajkumar, R., Multi-stage, multi-objective process optimisation, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2063–2064, Portland, Oregon, USA, 2010, ACM.
- [62] Barreira, A. F., Carlos Eduardo de Jesus Guimar a. O., Teixeira, O. N., and Roberto Célio Lim a. d., Evolutionary artificial immune system optimization, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2065–2066, Portland, Oregon, USA, 2010, ACM.
- [63] David-Tabibi, O., Netanyahu, N. S., Rosenberg, Y., and Shimoni, M., Genetic algorithms for automatic classification of moving objects, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2069–2070, Portland, Oregon, USA, 2010, ACM.
- [64] Flasch, O., Mersmann, O., and Bartz-Beielstein, T., Rgp: an open source genetic programming system for the r environment, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2071–2072, Portland, Oregon, USA, 2010, ACM.
- [65] Ghosh, S., Das, S., and Das, S., On the asymptotic convergence of differential evolution in continuous spaces: a control theoretic approach, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2073–2074, Portland, Oregon, USA, 2010, ACM.
- [66] Harrington, K. I. and Pollack, J. B., Robot phylogenetics, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2077–2078, Portland, Oregon, USA, 2010, ACM.
- [67] Hosny, M. I. and Mumford, C. L., An adaptive hybrid vns/sa approach to the one-commodity pickup and delivery problem, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2079–2080, Portland, Oregon, USA, 2010, ACM.
- [68] Hu, H., Xu, L., and Goodman, E. D., A control optimization algorithm for greenhouse climate control problems, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2081–2082, Portland, Oregon, USA, 2010, ACM.
- [69] Hurley, J., Lesr class: an lcs for securities trading rulesets, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2083–2084, Portland, Oregon, USA, 2010, ACM.
- [70] Icke, I. and Rosenberg, A., Dimensionality reduction using symbolic regression, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2085–2086, Portland, Oregon, USA, 2010, ACM.

- [71] Iordache, S., Consultant-guided search combined with local search for the traveling salesman problem, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2087–2088, Portland, Oregon, USA, 2010, ACM.
- [72] Koppaka, S. and Hota, A. R., Superior exploration-exploitation balance with quantum-inspired hadamard walks, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2093–2094, Portland, Oregon, USA, 2010, ACM.
- [73] Kukunas, J., Cupper, R. D., and Kapfhammer, G. M., A genetic algorithm to improve linux kernel performance on resource-constrained devices, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2095–2096, Portland, Oregon, USA, 2010, ACM.
- [74] Li, R., Chaudron, M. R., and Ladan, R. C., Towards automated software architectures design using model transformations and evolutionary algorithms, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2097–2098, Portland, Oregon, USA, 2010, ACM.
- [75] Matayoshi, M., Corner junction: a new strategy for 2d strip packing, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2099–2100, Portland, Oregon, USA, 2010, ACM.
- [76] Meuth, R. J., Meta-learning genetic programming, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2101–2102, Portland, Oregon, USA, 2010, ACM.
- [77] Parra, J., Trujillo, L., and Melin, P., Backpropagation learning with a (1+1) es, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2103–2104, Portland, Oregon, USA, 2010, ACM.
- [78] Parracho, P., Neves, R., and Horta, N., Trading in financial markets using pattern recognition optimized by genetic algorithms, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2105–2106, Portland, Oregon, USA, 2010, ACM.
- [79] Pilat, M. L. and Pestov, I., Evolutionary computation on complex spatially-distributed networks, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2107–2108, Portland, Oregon, USA, 2010, ACM.
- [80] Prasain, H., Thulasiraman, P., Thulasiram, R. K., and Jha, G. K., Particle swarm optimization algorithm for option pricing: extended abstract, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2109–2110, Portland, Oregon, USA, 2010, ACM.
- [81] Sato, Y. and Inoue, H., Genetic operations to solve sudoku puzzles, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2111–2112, Portland, Oregon, USA, 2010, ACM.
- [82] Teixeira, O. N. et al., Fuzzy social interaction genetic algorithm, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2113–2114, Portland, Oregon, USA, 2010, ACM.
- [83] Valencia, P., Jurdak, R., and Lindsay, P., Fitness importance for online evolution, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2117–2118, Portland, Oregon, USA, 2010, ACM.
- [84] Williams, Z. D. and Kapfhammer, G. M., Using synthetic test suites to empirically compare search-based and greedy prioritizers, in *GECCO 2010 Late breaking abstracts*, edited by Tauritz, D., pages 2119–2120, Portland, Oregon, USA, 2010, ACM.
- [85] Goodman, E. D., Introduction to genetic algorithms, in *GECCO 2010 Introductory tutorials*, edited by O’Reilly, U.-M., pages 2121–2136, Portland, Oregon, USA, 2010, ACM.
- [86] Koza, J. R., Introduction to genetic programming tutorial: from the basics to human-competitive results, in *GECCO 2010 Introductory tutorials*, edited by O’Reilly, U.-M., pages 2137–2262, Portland, Oregon, USA, 2010, ACM.
- [87] Baeck, T., Evolution strategies: basic introduction, in *GECCO 2010 Introductory tutorials*, edited by O’Reilly, U.-M., pages 2263–2288, Portland, Oregon, USA, 2010, ACM.

- [88] De Jong, K., Evolutionary computation: a unified approach, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2289–2302, Portland, Oregon, USA, 2010, ACM.
- [89] Pelikan, M., Probabilistic model-building genetic algorithms, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2303–2330, Portland, Oregon, USA, 2010, ACM.
- [90] Butz, M. V., Learning classifier systems, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2331–2352, Portland, Oregon, USA, 2010, ACM.
- [91] Ryan, C., Grammatical evolution tutorial, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2385–2412, Portland, Oregon, USA, 2010, ACM.
- [92] Wineberg, M. and Christensen, S., Statistical analysis for evolutionary computation: introduction, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2413–2440, Portland, Oregon, USA, 2010, ACM.
- [93] Miiikkulainen, R., Evolving neural networks, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2441–2460, Portland, Oregon, USA, 2010, ACM.
- [94] Clack, C. D., Financial evolutionary computing, in *GECCO 2010 Introductory tutorials*, edited by O'Reilly, U.-M., pages 2461–2472, Portland, Oregon, USA, 2010, ACM.
- [95] Poli, R., Genetic programming theory, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2473–2502, Portland, Oregon, USA, 2010, ACM.
- [96] Moore, J. H., Bioinformatics, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2503–2534, Portland, Oregon, USA, 2010, ACM.
- [97] Rothlauf, F., Representations for evolutionary algorithms, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2535–2556, Portland, Oregon, USA, 2010, ACM.
- [98] Friedrich, T. and Neumann, F., Foundations of evolutionary multi-objective optimization, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2557–2576, Portland, Oregon, USA, 2010, ACM.
- [99] Deb, K., Evolutionary multi-criterion optimization, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2577–2602, Portland, Oregon, USA, 2010, ACM.
- [100] Coello Coello, C. A., Constraint-handling techniques used with evolutionary algorithms, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2603–2624, Portland, Oregon, USA, 2010, ACM.
- [101] Bartz-Beielstein, T. and Preuss, M., Tuning and experimental analysis in evolutionary computation: what we still have wrong, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2625–2646, Portland, Oregon, USA, 2010, ACM.
- [102] Vose, M. D., Course notes: genetic algorithm theory, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2647–2660, Portland, Oregon, USA, 2010, ACM.
- [103] Jansen, T. and Neumann, F., Computational complexity and evolutionary computation, in *GECCO 2010 Advanced tutorials*, edited by O'Reilly, U.-M., pages 2683–2710, Portland, Oregon, USA, 2010, ACM.
- [104] Vanneschi, L., Fitness landscapes and problem hardness in genetic programming, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2711–2738, Portland, Oregon, USA, 2010, ACM.
- [105] Spector, L., Evolution of quantum algorithms, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2739–2768, Portland, Oregon, USA, 2010, ACM.
- [106] Silva, S., Handling bloat in gp, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2769–2794, Portland, Oregon, USA, 2010, ACM.

- [107] Witt, C., Theory of randomised search heuristics in combinatorial optimisation, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2795–2840, Portland, Oregon, USA, 2010, ACM.
- [108] Stanley, K. O., Generative and developmental systems, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2841–2862, Portland, Oregon, USA, 2010, ACM.
- [109] Kotanchek, M., Real-world data modeling, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2863–2896, Portland, Oregon, USA, 2010, ACM.
- [110] Bäck, T., Knowles, J., and Shir, O. M., Experimental optimization by evolutionary algorithms, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2897–2916, Portland, Oregon, USA, 2010, ACM.
- [111] Beckmann, B. E., Clune, J., and Ofria, C., Digital evolution with avida, in *GECCO 2010 Specialized techniques and applications tutorials*, edited by O'Reilly, U.-M., pages 2917–2926, Portland, Oregon, USA, 2010, ACM.