Список литературы

[] Thomas Weise, Li Niu, and Ke Tang. Aoab: automated optimization algorithm benchmarking. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1479–1486, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Raymond Ros. Comparison of newuoa with different numbers of interpolation points on the bbob noiseless testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1487–1494, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Nikolaus Hansen and Raymond Ros. Black-box optimization benchmarking of newuoa compared to bipop-cma-es: on the bbob noiseless testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1519–1526, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Álvaro Fialho, Wenyin Gong, and Zhihua Cai. Probability matching-based adaptive strategy selection vs. uniform strategy selection within differential evolution: an empirical comparison on the bbob-2010 noiseless testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1527–1534, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Anne Auger, Dimo Brockhoff, and Nikolaus Hansen. Comparing the (1+1)-cma-es with a mirrored (1+2)-cma-es with sequential selection on the noiseless bbob-2010 testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1543–1550, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Jiří Kubalik. Black-box optimization benchmarking of two variants of the poems algorithm on the noiseless testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1567–1574, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Steffen Finck and Hans-Georg Beyer. Benchmarking cma-egs on the bbob 2010 noiseless function testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1633–1640, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Antonio LaTorre, Santiago Muelas, and Jose Maria Pena. Benchmarking a mos-based algorithm on the bbob-2010 noiseless function testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1649–1656, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Petr Pošík. Comparison of cauchy eda and bipop-cma-es algorithms on the bbob noiseless testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1697–1702, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mike Preuss. Niching the cma-es via nearest-better clustering. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1711–1718, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mohammed El-Abd. Black-box optimization benchmarking for noiseless function testbed using artificial bee colony algorithm. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1719–1724, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Thanh-Do Tran and Gang-Gyoo Jin. Real-coded genetic algorithm benchmarked on noiseless black-box optimization testbed. In Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, and Petr Posik, editors, *Black box optimization benchmarking 2010 (BBOB 2010)*, pages 1731–1738, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Terence Soule and Robert B. Heckendorn. A developmental approach to evolving scalable hierarchies for multi-agent swarms. In William Rand and Rick Riolo, editors, *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pages 1769–1776, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Rhonda Hoenigman, Elizabeth Bradley, and Nichole Barger. Agentscapes: designing water efficient landscapes using distributed agent-based optimization. In William Rand and Rick Riolo, editors, *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pages 1777–1784, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Justin T.H. Smith. Implicit fitness and heterogeneous preferences in the genetic algorithm. In William Rand and Rick Riolo, editors, *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pages 1785–1792, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Kan-Leung Cheng, Inon Zuckerman, Ugur Kuter, and Dana Nau. Emergence of cooperative societies in evolutionary games. In William Rand and Rick Riolo, editors, *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pages 1793–1800, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Chao Yang, Setsuya Kurahashi, Isao Ono, and Takao Terano. Pattern-oriented inverse simulation for agent-based modeling: an analysis of family strategies. In William Rand and Rick Riolo, editors, *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pages 1801–1808, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Emily M. Zechman. Integrating complex adaptive system simulation and evolutionary computation to support water infrastructure threat management. In William Rand and Rick Riolo, editors, *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pages 1809–1816, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Amy FitzGerald and Diarmuid P. O'Donoghue. Biologically inspired non-mendelian repair for constraint handling in evolutionary algorithms. In Carlos Artemio Coello Coello, Dara Curran, and Thomas Jansen, editors, *GECCO 2010 Evolutionary computation techniques for constraint handling*, pages 1817–1824, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Madalina Raschip and Henri Luchian. Using messy genetic algorithms for solving the winner determination problem. In Carlos Artemio Coello Coello, Dara Curran, and Thomas Jansen, editors, *GECCO 2010 Evolutionary computation techniques for constraint handling*, pages 1825–1832, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Steven O. Kimbrough, Ann Kuo, and Hoong Chuin Lau. On decision support for deliberating with constraints in constrained optimization models. In Carlos Artemio Coello Coello, Dara Curran, and Thomas Jansen, editors, *GECCO 2010 Evolutionary computation techniques for constraint handling*, pages 1833–1840, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Russ Abbott. From energy to information and back. In Stuart William Card and Yossi Borenstein, editors, *GECCO 2010 Entropy, information and complexity*, pages 1841–1842, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] John Milton and Paul J. Kennedy. Entropy profiles of ranked and random populations. In Stuart William Card and Yossi Borenstein, editors, *GECCO 2010 Entropy, information and complexity*, pages 1843–1850, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Stuart W. Card. Information distance based fitness and diversity metrics. In Stuart William Card and Yossi Borenstein, editors, *GECCO 2010 Entropy, information and complexity*, pages 1851–1854, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Maria A. Franco, Natalio Krasnogor, and Jaume Bacardit. Analysing biohel using challenging boolean functions. In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1855–1862, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Patrick O. Stalph, Jérémie Rubinsztajn, Olivier Sigaud, and Martin V. Butz. A comparative study: function approximation with lwpr and xcsf. In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1863–1870, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Anthony Knittel. An activation reinforcement based classifier system for balancing generalisation and specialisation (arcs). In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1871–1878, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Gilles Éné and Mathias Péroumalnaïk. Speedup character-based matching in learning classifier systems with xor. In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1879–1884, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Karthik Kuber and Chilukuri K. Mohan. Information theoretic fitness measures for learning classifier systems. In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1885–1892, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mohammad Behdad, Luigi Barone, Tim French, and Mohammed Bennamoun. An investigation of real-valued accuracy-based learning classifier systems for electronic fraud detection. In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1893–1900, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mathias Peroumalnaik and Gilles Énée. Prediction using pittsburgh learning classifier systems: Apcs use case. In Jaume Bacardit, William Browne, and Jan Drugowitsch, editors, *Thirteenth international workshop on learning classifier systems*, pages 1901–1908, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Muhammad Arsalan, Sana Ambreen Malik, and Asifullah Khan. Intelligent threshold selection for reversible watermarking of medical images. In Stephen L Smith, Stefano Cagnoni, and Robert Patton, editors, *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pages 1909–1914, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Stephan M. Winkler, Michael Affenzeller, Witold Jacak, and Herbert Stekel. Classification of tumor marker values using heuristic data mining methods. In Stephen L Smith, Stefano Cagnoni, and Robert Patton, editors, *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pages 1915–1922, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Julian F. Miller, Stephen L. Smith, and Yuan Zhang. Detection of microcalcifications in mammograms using multi-chromosome cartesian genetic programming. In Stephen L Smith, Stefano Cagnoni, and Robert Patton, editors, *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pages 1923–1930, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Robert M. Patton, Barbara G. Beckerman, Thomas E. Potok, and Jim N. Treadwell. Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports. In Stephen L Smith, Stefano Cagnoni, and Robert Patton, editors, *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pages 1931–1936, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Fernando G. Lobo and Cláudio F. Lima. Towards automated selection of estimation of distribution algorithms. In Mark Hauschild and Martin Pelikan, editors, *Optimization by building and using probabilistic models (OBUPM-2010)*, pages 1945–1952, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Dirk Thierens. Linkage tree genetic algorithm: first results. In Mark Hauschild and Martin Pelikan, editors, *Optimization by building and using probabilistic models (OBUPM-2010)*, pages 1953–1958, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Manuel Lopez-Ibanez, Thomas Stuetzle, and Luis Paquete. Graphical tools for the analysis of bi-objective optimization algorithms: [workshop on theoretical aspects of evolutionary multiobjective optimization]. In Dimo Brockhoff and Nicola Beume, editors, *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pages 1959–1962, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Michael Emmerich, André Deutz, Rui Li, and Johannes Kruisselbrink. Getting lost or getting trapped: on the effect of moves toincomparable points in multiobjective hillclimbing. In Dimo Brockhoff and Nicola Beume, editors, *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pages 1963–1966, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Adriana Lara, Oliver Schuetze, and Carlos A. Coello Coello. New challenges for memetic algorithms on continuous multi-objective problems. In Dimo Brockhoff and Nicola Beume, editors, *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pages 1967–1970, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Oliver Schuetze, Xavier Equivel, Adriana Lara, and Carlos A. Coello Coello. Some comments on gd and igd and relations to the hausdorff distance. In Dimo Brockhoff and Nicola Beume, editors, *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pages 1971–1974, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Thomas Voß, Tobias Friedrich, Karl Bringmann, and Christian Igel. Scaling up indicator-based moeas by approximating the least hypervolume contributor: a preliminary study. In Dimo Brockhoff and Nicola Beume, editors, *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pages 1975–1978, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Ilya Loshchilov, Marc Schoenauer, and Michèle Sebag. A pareto-compliant surrogate approach for multiobjective optimization. In Dimo Brockhoff and Nicola Beume, editors, *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pages 1979–1982, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Randall K. McRee. Symbolic regression using nearest neighbor indexing. In Steven Gustafson and Mark Kotanchek, editors, *GECCO 2010 Symbolic regression workshop*, pages 1983–1990, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] PawełWidera, Jaume Bacardit, Natalio Krasnogor, Carlos García-Martínez, and Manuel Lozano. Evolutionary symbolic discovery for bioinformatics, systems and synthetic biology. In Steven Gustafson and Mark Kotanchek, editors, *GECCO 2010 Symbolic regression workshop*, pages 1991–1998, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Felix Dobslaw. An experimental study on robust parameter settings. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 1999–2002, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Ralph Evins. Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2003–2006, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Jae-Woo Kim. Evolutionary learning in networked multi-agent organizations. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2007–2010, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Aranildo Rodrigues Lima Junior, David Augusto Silva, Paulo Salgado Mattos Neto, and Tiago A.E. Ferreira. An experimental study of fitness function and time series forecasting using artificial neural networks. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2015–2018, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Affiani Machmudah, Setyamartana Parman, and Azman Zainuddin. Uav bezier curve maneuver planning using genetic algorithm. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2019–2022, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Muhammad Asif Zahoor Raja, Junaid Ali Khan, and Ijaz Mansoor Qureshi. Heuristic computational approach using swarm intelligence in solving fractional differential equations. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2023–2026, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Saúl Zapotecas Martínez and Carlos A. Coello Coello. A novel diversification strategy for multi-objective evolutionary algorithms. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2031–2034, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Zack Z. Zhu. Constraint handling with modified hypervolume indicator for multi-objective optimization problems. In Riccardo Poli, editor, *GECCO 2010 Graduate student workshop*, pages 2035–2038, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Shawn Aldridge, Michael Peterson, and Britny Herzog. Image sets for the training of image processing systems. In Clare Bates Congdon and Frank Moore, editors, *Eighth GECCO Undergraduate Student Workshop*, pages 2039–2042, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Brendan J. Babb. Can evolved forward transforms do better than wavelets. In Clare Bates Congdon and Frank Moore, editors, *Eighth GECCO Undergraduate Student Workshop*, pages 2043–2046, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] John M. Crofford. Is the triple parameter hypothesis generalizable. In Clare Bates Congdon and Frank Moore, editors, *Eighth GECCO Undergraduate Student Workshop*, pages 2047–2050, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Harikrishna Narasimhan, Sanjeev Satheesh, and Dinesh Sriram. Automatic summarization of cricket video events using genetic algorithm. In Clare Bates Congdon and Frank Moore, editors, *Eighth GECCO Undergraduate Student Workshop*, pages 2051–2054, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Oleg Parinov. The implementation and improvements of genetic algorithm for job-shop scheduling problems. In Clare Bates Congdon and Frank Moore, editors, *Eighth GECCO Undergraduate Student Workshop*, pages 2055–2058, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Adrian Agogino. Component evolution for large scale air traffic optimization. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2059–2060, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Eun Yeong Ahn, Tracy Mullen, and John Yen. Finding feature transformation functions using genetic algorithm. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2061–2062, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Yoseph T. Azene and Roy Rajkumar. Multi-stage, multi-objective process optimisation. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2063–2064, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] André Ferry Barreira, aes Oliveira Carlos Eduardo de Jesus Guimar Otávio Noura Teixeira, and ao de Oliveira Roberto Célio Lim˙Evolutionary artificial immune system optimization. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2065–2066, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Omid David-Tabibi, Nathan S. Netanyahu, Yoav Rosenberg, and Moshe Shimoni. Genetic algorithms for automatic classification of moving objects. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2069–2070, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Oliver Flasch, Olaf Mersmann, and Thomas Bartz-Beielstein. Rgp: an open source genetic programming system for the r environment. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2071–2072, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Sayan Ghosh, Swagatam Das, and Sanjoy Das. On the asymptotic convergence of differential evolution in continuous spaces: a control theoretic approach. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2073–2074, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Kyle I. Harrington and Jordan B. Pollack. Robot phylogenetics. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2077–2078, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Manar I. Hosny and Christine L. Mumford. An adaptive hybrid vns/sa approach to the one-commodity pickup and delivery problem. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2079–2080, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Haigen Hu, Lihong Xu, and Erik D. Goodman. A control optimization algorithm for greenhouse climate control problems. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2081–2082, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] John Hurley. Lesr class: an lcs for securities trading rulesets. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2083–2084, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Ilknur Icke and Andrew Rosenberg. Dimensionality reduction using symbolic regression. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2085–2086, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Serban Iordache. Consultant-guided search combined with local search for the traveling salesman problem. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2087–2088, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Sisir Koppaka and Ashish Ranjan Hota. Superior exploration-exploitation balance with quantum-inspired hadamard walks. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2093–2094, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] James Kukunas, Robert D. Cupper, and Gregory M. Kapfhammer. A genetic algorithm to improve linux kernel performance on resource-constrained devices. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2095–2096, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Rui Li, Michel R.V. Chaudron, and René C. Ladan. Towards automated software architectures design using model transformations and evolutionary algorithms. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2097–2098, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mitsukuni Matayoshi. Corner junction: a new strategy for 2d strip packing. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2099–2100, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Ryan J. Meuth. Meta-learning genetic programming. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2101–2102, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Jose Parra, Leonardo Trujillo, and Patricia Melin. Backpropagation learning with a (1+1) es. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2103–2104, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Paulo Parracho, Rui Neves, and Nuno Horta. Trading in financial markets using pattern recognition optimized by genetic algorithms. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2105–2106, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Marcin L. Pilat and Irene Pestov. Evolutionary computation on complex spatially-distributed networks. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2107–2108, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Hari Prasain, Parimala Thulasiraman, Ruppa K. Thulasiram, and Girish K. Jha. Particle swarm optimization algorithm for option pricing: extended abstract. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2109–2110, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Yuji Sato and Hazuki Inoue. Genetic operations to solve sudoku puzzles. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2111–2112, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Otávio Noura Teixeira, Felipe Houat de Brito, Walter Avelino da Luz Lobato, Artur Noura Teixeira, Carlos Takeshi Kudo Yasojima, and ao de Oliveira Roberto Célio Lim˙ Fuzzy social interaction genetic algorithm. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2113–2114, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Philip Valencia, Raja Jurdak, and Peter Lindsay. Fitness importance for online evolution. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2117–2118, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Zachary D. Williams and Gregory M. Kapfhammer. Using synthetic test suites to empirically compare search-based and greedy prioritizers. In Daniel Tauritz, editor, *GECCO 2010 Late breaking abstracts*, pages 2119–2120, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Erik D. Goodman. Introduction to genetic algorithms. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2121–2136, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] John R. Koza. Introduction to genetic programming tutorial: from the basics to human-competitive results. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2137–2262, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Thomas Baeck. Evolution strategies: basic introduction. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2263–2288, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Kenneth De Jong. Evolutionary computation: a unified approach. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2289–2302, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Martin Pelikan. Probabilistic model-building genetic algorithms. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2303–2330, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Martin V. Butz. Learning classifier systems. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2331–2352, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Conor Ryan. Grammatical evolution tutorial. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2385–2412, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mark Wineberg and Steffen Christensen. Statistical analysis for evolutionary computation: introduction. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2413–2440, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Risto Miikkulainen. Evolving neural networks. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2441–2460, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Christopher D. Clack. Financial evolutionary computing. In Una-May O'Reilly, editor, *GECCO 2010 Introductory tutorials*, pages 2461–2472, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Riccardo Poli. Genetic programming theory. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2473–2502, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Jason H. Moore. Bioinformatics. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2503–2534, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Franz Rothlauf. Representations for evolutionary algorithms. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2535–2556, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Tobias Friedrich and Frank Neumann. Foundations of evolutionary multi-objective optimization. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2557–2576, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Kalyanmoy Deb. Evolutionary multi-criterion optimization. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2577–2602, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Carlos A. Coello Coello. Constraint-handling techniques used with evolutionary algorithms. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2603–2624, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Thomas Bartz-Beielstein and Mike Preuss. Tuning and experimental analysis in evolutionary computation: what we still have wrong. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2625–2646, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Michael D. Vose. Course notes: genetic algorithm theory. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2647–2660, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Thomas Jansen and Frank Neumann. Computational complexity and evolutionary computation. In Una-May O'Reilly, editor, *GECCO 2010 Advanced tutorials*, pages 2683–2710, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Leonardo Vanneschi. Fitness landscapes and problem hardness in genetic programming. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2711–2738, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Lee Spector. Evolution of quantum algorithms. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2739–2768, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Sara Silva. Handling bloat in gp. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2769–2794, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Carsten Witt. Theory of randomised search heuristics in combinatorial optimisation. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2795–2840, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Kenneth O. Stanley. Generative and developmental systems. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2841–2862, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Mark Kotanchek. Real-world data modeling. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2863–2896, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Thomas Bäck, Joshua Knowles, and Ofer M. Shir. Experimental optimization by evolutionary algorithms. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2897–2916, Portland, Oregon, USA, 7-11 July 2010. ACM.

[] Benjamin E. Beckmann, Jeff Clune, and Charles Ofria. Digital evolution with avida. In Una-May O'Reilly, editor, *GECCO 2010 Specialized techniques and applications tutorials*, pages 2917–2926, Portland, Oregon, USA, 7-11 July 2010. ACM.