

Список литературы

- [1] Russ Abbott. From energy to information and back. Kirjassa Stuart William Card ja Yossi Borenstein, toim., *GECCO 2010 Entropy, information and complexity*, ss. 1841–1842, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [2] Adrian Agogino. Component evolution for large scale air traffic optimization. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2059–2060, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [3] Eun Yeong Ahn, Tracy Mullen, ja John Yen. Finding feature transformation functions using genetic algorithm. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2061–2062, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [4] Shawn Aldridge, Michael Peterson, ja Britny Herzog. Image sets for the training of image processing systems. Kirjassa Clare Bates Congdon ja Frank Moore, toim., *Eighth GECCO Undergraduate Student Workshop*, ss. 2039–2042, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [5] Álvaro Fialho, Wenyin Gong, ja Zhihua Cai. Probability matching-based adaptive strategy selection vs. uniform strategy selection within differential evolution: an empirical comparison on the bbob-2010 noiseless testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1527–1534, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [6] Muhammad Arsalan, Sana Ambreen Malik, ja Asifullah Khan. Intelligent threshold selection for reversible watermarking of medical images. Kirjassa Stephen L Smith, Stefano Cagnoni, ja Robert Patton, toim., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, ss. 1909–1914, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [7] Anne Auger, Dimo Brockhoff, ja Nikolaus Hansen. Comparing the (1+1)-cma-es with a mirrored (1+2)-cma-es with sequential selection on the noiseless bbob-2010 testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1543–1550, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [8] Yoseph T. Azene ja Roy Rajkumar. Multi-stage, multi-objective process optimisation. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2063–2064, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [9] Brendan J. Babb. Can evolved forward transforms do better than wavelets. Kirjassa Clare Bates Congdon ja Frank Moore, toim., *Eighth GECCO Undergraduate Student Workshop*, ss. 2043–2046, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [10] Thomas Bäck, Joshua Knowles, ja Ofer M. Shir. Experimental optimization by evolutionary algorithms. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2897–2916, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [11] Thomas Baeck. Evolution strategies: basic introduction. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2263–2288, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [12] André Ferry Barreira, aes Oliveira Carlos Eduardo de Jesus Guimar Otávio Noura Teixeira, ja ao de Oliveira Roberto Célio Lim Evolutionary artificial immune system optimization. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2065–2066, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [13] Thomas Bartz-Beielstein ja Mike Preuss. Tuning and experimental analysis in evolutionary computation: what we still have wrong. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2625–2646, Portland, Oregon, USA, 7-11 July 2010. ACM.

- [14] Benjamin E. Beckmann, Jeff Clune, ja Charles Ofria. Digital evolution with avida. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2917–2926, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [15] Mohammad Behdad, Luigi Barone, Tim French, ja Mohammed Bennamoun. An investigation of real-valued accuracy-based learning classifier systems for electronic fraud detection. Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1893–1900, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [16] Martin V. Butz. Learning classifier systems. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2331–2352, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [17] Stuart W. Card. Information distance based fitness and diversity metrics. Kirjassa Stuart William Card ja Yossi Borenstein, toim., *GECCO 2010 Entropy, information and complexity*, ss. 1851–1854, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [18] Kan-Leung Cheng, Inon Zuckerman, Ugur Kuter, ja Dana Nau. Emergence of cooperative societies in evolutionary games. Kirjassa William Rand ja Rick Riolo, toim., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, ss. 1793–1800, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [19] Christopher D. Clack. Financial evolutionary computing. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2461–2472, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [20] Carlos A. Coello Coello. Constraint-handling techniques used with evolutionary algorithms. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2603–2624, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [21] John M. Crofford. Is the triple parameter hypothesis generalizable. Kirjassa Clare Bates Congdon ja Frank Moore, toim., *Eighth GECCO Undergraduate Student Workshop*, ss. 2047–2050, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [22] Omid David-Tabibi, Nathan S. Netanyahu, Yoav Rosenberg, ja Moshe Shimoni. Genetic algorithms for automatic classification of moving objects. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2069–2070, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [23] Kenneth De Jong. Evolutionary computation: a unified approach. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2289–2302, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [24] Kalyanmoy Deb. Evolutionary multi-criterion optimization. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2577–2602, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [25] Felix Dobsław. An experimental study on robust parameter settings. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 1999–2002, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [26] Mohammed El-Abd. Black-box optimization benchmarking for noiseless function testbed using artificial bee colony algorithm. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1719–1724, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [27] Michael Emmerich, André Deutz, Rui Li, ja Johannes Kruisselbrink. Getting lost or getting trapped: on the effect of moves to incomparable points in multiobjective hillclimbing. Kirjassa Dimo Brockhoff ja Nicola Beume, toim., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, ss. 1963–1966, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [28] Gilles Éné ja Mathias Péroumalnaïk. Speedup character-based matching in learning classifier systems with xor. Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1879–1884, Portland, Oregon, USA, 7–11 July 2010. ACM.

- [29] Ralph Evins. Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2003–2006, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [30] Steffen Finck ja Hans-Georg Beyer. Benchmarking cma-egs on the bbob 2010 noiseless function testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1633–1640, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [31] Amy FitzGerald ja Diarmuid P. O’Donoghue. Biologically inspired non-mendelian repair for constraint handling in evolutionary algorithms. Kirjassa Carlos Artemio Coello Coello, Dara Curran, ja Thomas Jansen, toim., *GECCO 2010 Evolutionary computation techniques for constraint handling*, ss. 1817–1824, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [32] Oliver Flasch, Olaf Mersmann, ja Thomas Bartz-Beielstein. Rgp: an open source genetic programming system for the r environment. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2071–2072, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [33] Maria A. Franco, Natalio Krasnogor, ja Jaume Bacardit. Analysing biohel using challenging boolean functions. Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1855–1862, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [34] Tobias Friedrich ja Frank Neumann. Foundations of evolutionary multi-objective optimization. Kirjassa Una-May O’Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2557–2576, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [35] Sayan Ghosh, Swagatam Das, ja Sanjoy Das. On the asymptotic convergence of differential evolution in continuous spaces: a control theoretic approach. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2073–2074, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [36] Erik D. Goodman. Introduction to genetic algorithms. Kirjassa Una-May O’Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2121–2136, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [37] Nikolaus Hansen ja Raymond Ros. Black-box optimization benchmarking of newuoa compared to bipop-cma-es: on the bbob noiseless testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1519–1526, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [38] Kyle I. Harrington ja Jordan B. Pollack. Robot phylogenetics. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2077–2078, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [39] Rhonda Hoenigman, Elizabeth Bradley, ja Nichole Barger. Agentscapes: designing water efficient landscapes using distributed agent-based optimization. Kirjassa William Rand ja Rick Riolo, toim., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, ss. 1777–1784, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [40] Manar I. Hosny ja Christine L. Mumford. An adaptive hybrid vns/sa approach to the one-commodity pickup and delivery problem. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2079–2080, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [41] Haigen Hu, Lihong Xu, ja Erik D. Goodman. A control optimization algorithm for greenhouse climate control problems. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2081–2082, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [42] John Hurley. Lesr class: an lcs for securities trading rulesets. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2083–2084, Portland, Oregon, USA, 7-11 July 2010. ACM.

- [43] Ilknur Icke ja Andrew Rosenberg. Dimensionality reduction using symbolic regression. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2085–2086, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [44] Serban Iordache. Consultant-guided search combined with local search for the traveling salesman problem. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2087–2088, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [45] Thomas Jansen ja Frank Neumann. Computational complexity and evolutionary computation. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2683–2710, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [46] Jae-Woo Kim. Evolutionary learning in networked multi-agent organizations. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2007–2010, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [47] Steven O. Kimbrough, Ann Kuo, ja Hoong Chuin Lau. On decision support for deliberating with constraints in constrained optimization models. Kirjassa Carlos Artemio Coello Coello, Dara Curran, ja Thomas Jansen, toim., *GECCO 2010 Evolutionary computation techniques for constraint handling*, ss. 1833–1840, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [48] Anthony Knittel. An activation reinforcement based classifier system for balancing generalisation and specialisation (arcs). Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1871–1878, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [49] Sisir Koppaka ja Ashish Ranjan Hota. Superior exploration-exploitation balance with quantum-inspired hadamard walks. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2093–2094, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [50] Mark Kotanchek. Real-world data modeling. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2863–2896, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [51] John R. Koza. Introduction to genetic programming tutorial: from the basics to human-competitive results. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2137–2262, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [52] Jiří Kubalik. Black-box optimization benchmarking of two variants of the poems algorithm on the noiseless testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1567–1574, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [53] Karthik Kuber ja Chilukuri K. Mohan. Information theoretic fitness measures for learning classifier systems. Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1885–1892, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [54] James Kukunas, Robert D. Cupper, ja Gregory M. Kapfhammer. A genetic algorithm to improve linux kernel performance on resource-constrained devices. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2095–2096, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [55] Adriana Lara, Oliver Schuetze, ja Carlos A. Coello Coello. New challenges for memetic algorithms on continuous multi-objective problems. Kirjassa Dimo Brockhoff ja Nicola Beume, toim., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, ss. 1967–1970, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [56] Antonio LaTorre, Santiago Muelas, ja Jose Maria Pena. Benchmarking a mos-based algorithm on the bboob-2010 noiseless function testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1649–1656, Portland, Oregon, USA, 7-11 July 2010. ACM.

- [57] Rui Li, Michel R.V. Chaudron, ja René C. Ladan. Towards automated software architectures design using model transformations and evolutionary algorithms. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2097–2098, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [58] Aranildo Rodrigues Lima Junior, David Augusto Silva, Paulo Salgado Mattos Neto, ja Tiago A.E. Ferreira. An experimental study of fitness function and time series forecasting using artificial neural networks. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2015–2018, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [59] Fernando G. Lobo ja Cláudio F. Lima. Towards automated selection of estimation of distribution algorithms. Kirjassa Mark Hauschild ja Martin Pelikan, toim., *Optimization by building and using probabilistic models (OBUPM-2010)*, ss. 1945–1952, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [60] Manuel Lopez-Ibanez, Thomas Stuetzle, ja Luis Paquete. Graphical tools for the analysis of bi-objective optimization algorithms: [workshop on theoretical aspects of evolutionary multiobjective optimization]. Kirjassa Dimo Brockhoff ja Nicola Beume, toim., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, ss. 1959–1962, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [61] Ilya Loshchilov, Marc Schoenauer, ja Michèle Sebag. A pareto-compliant surrogate approach for multiobjective optimization. Kirjassa Dimo Brockhoff ja Nicola Beume, toim., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, ss. 1979–1982, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [62] Affiani Machmudah, Setyamartana Parman, ja Azman Zainuddin. Uav bezier curve maneuver planning using genetic algorithm. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2019–2022, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [63] Mitsukuni Matayoshi. Corner junction: a new strategy for 2d strip packing. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2099–2100, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [64] Randall K. McRee. Symbolic regression using nearest neighbor indexing. Kirjassa Steven Gustafson ja Mark Kotanchek, toim., *GECCO 2010 Symbolic regression workshop*, ss. 1983–1990, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [65] Ryan J. Meuth. Meta-learning genetic programming. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2101–2102, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [66] Risto Miikkulainen. Evolving neural networks. Kirjassa Una-May O’Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2441–2460, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [67] Julian F. Miller, Stephen L. Smith, ja Yuan Zhang. Detection of microcalcifications in mammograms using multi-chromosome cartesian genetic programming. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert Patton, toim., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, ss. 1923–1930, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [68] John Milton ja Paul J. Kennedy. Entropy profiles of ranked and random populations. Kirjassa Stuart William Card ja Yossi Borenstein, toim., *GECCO 2010 Entropy, information and complexity*, ss. 1843–1850, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [69] Jason H. Moore. Bioinformatics. Kirjassa Una-May O’Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2503–2534, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [70] Harikrishna Narasimhan, Sanjeev Satheesh, ja Dinesh Sriram. Automatic summarization of cricket video events using genetic algorithm. Kirjassa Clare Bates Congdon ja Frank Moore, toim., *Eighth GECCO Undergraduate Student Workshop*, ss. 2051–2054, Portland, Oregon, USA, 7-11 July 2010. ACM.

- [71] Oleg Parinov. The implementation and improvements of genetic algorithm for job-shop scheduling problems. Kirjassa Clare Bates Congdon ja Frank Moore, toim., *Eighth GECCO Undergraduate Student Workshop*, ss. 2055–2058, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [72] Jose Parra, Leonardo Trujillo, ja Patricia Melin. Backpropagation learning with a (1+1) es. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2103–2104, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [73] Paulo Parracho, Rui Neves, ja Nuno Horta. Trading in financial markets using pattern recognition optimized by genetic algorithms. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2105–2106, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [74] Robert M. Patton, Barbara G. Beckerman, Thomas E. Potok, ja Jim N. Treadwell. Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports. Kirjassa Stephen L Smith, Stefano Cagnoni, ja Robert Patton, toim., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, ss. 1931–1936, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [75] Martin Pelikan. Probabilistic model-building genetic algorithms. Kirjassa Una-May O’Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2303–2330, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [76] Mathias Peroumalnaik ja Gilles Énée. Prediction using pittsburgh learning classifier systems: Aps use case. Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1901–1908, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [77] Marcin L. Pilat ja Irene Pestov. Evolutionary computation on complex spatially-distributed networks. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2107–2108, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [78] Riccardo Poli. Genetic programming theory. Kirjassa Una-May O’Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2473–2502, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [79] Petr Pošík. Comparison of cauchy eda and bipop-cma-es algorithms on the bbob noiseless testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1697–1702, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [80] Hari Prasain, Parimala Thulasiraman, Ruppa K. Thulasiram, ja Girish K. Jha. Particle swarm optimization algorithm for option pricing: extended abstract. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2109–2110, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [81] Mike Preuss. Niching the cma-es via nearest-better clustering. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1711–1718, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [82] Muhammad Asif Zahoor Raja, Junaid Ali Khan, ja Ijaz Mansoor Qureshi. Heuristic computational approach using swarm intelligence in solving fractional differential equations. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2023–2026, Portland, Oregon, USA, 7–11 July 2010. ACM.
- [83] Madalina Raschip ja Henri Luchian. Using messy genetic algorithms for solving the winner determination problem. Kirjassa Carlos Artemio Coello Coello, Dara Curran, ja Thomas Jansen, toim., *GECCO 2010 Evolutionary computation techniques for constraint handling*, ss. 1825–1832, Portland, Oregon, USA, 7–11 July 2010. ACM.

- [84] Raymond Ros. Comparison of newuoa with different numbers of interpolation points on the bbob noiseless testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1487–1494, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [85] Franz Rothlauf. Representations for evolutionary algorithms. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2535–2556, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [86] Conor Ryan. Grammatical evolution tutorial. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2385–2412, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [87] Yuji Sato ja Hazuki Inoue. Genetic operations to solve sudoku puzzles. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2111–2112, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [88] Oliver Schuetze, Xavier Equivel, Adriana Lara, ja Carlos A. Coello Coello. Some comments on gd and igd and relations to the hausdorff distance. Kirjassa Dimo Brockhoff ja Nicola Beume, toim., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, ss. 1971–1974, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [89] Sara Silva. Handling bloat in gp. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2769–2794, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [90] Justin T.H. Smith. Implicit fitness and heterogeneous preferences in the genetic algorithm. Kirjassa William Rand ja Rick Riolo, toim., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, ss. 1785–1792, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [91] Terence Soule ja Robert B. Heckendorn. A developmental approach to evolving scalable hierarchies for multi-agent swarms. Kirjassa William Rand ja Rick Riolo, toim., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, ss. 1769–1776, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [92] Lee Spector. Evolution of quantum algorithms. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2739–2768, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [93] Patrick O. Stalph, Jérémie Rubinsztajn, Olivier Sigaud, ja Martin V. Butz. A comparative study: function approximation with lwpr and xcsf. Kirjassa Jaume Bacardit, William Browne, ja Jan Drugowitsch, toim., *Thirteenth international workshop on learning classifier systems*, ss. 1863–1870, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [94] Kenneth O. Stanley. Generative and developmental systems. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2841–2862, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [95] Otávio Noura Teixeira, Felipe Houat de Brito, Walter Avelino da Luz Lobato, Artur Noura Teixeira, Carlos Takeshi Kudo Yasojima, ja ao de Oliveira Roberto Célio Lim. Fuzzy social interaction genetic algorithm. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2113–2114, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [96] Dirk Thierens. Linkage tree genetic algorithm: first results. Kirjassa Mark Hauschild ja Martin Pelikan, toim., *Optimization by building and using probabilistic models (OBUPM-2010)*, ss. 1953–1958, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [97] Thanh-Do Tran ja Gang-Gyoo Jin. Real-coded genetic algorithm benchmarked on noiseless black-box optimization testbed. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1731–1738, Portland, Oregon, USA, 7-11 July 2010. ACM.

- [98] Philip Valencia, Raja Jurdak, ja Peter Lindsay. Fitness importance for online evolution. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2117–2118, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [99] Leonardo Vanneschi. Fitness landscapes and problem hardness in genetic programming. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2711–2738, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [100] Michael D. Vose. Course notes: genetic algorithm theory. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Advanced tutorials*, ss. 2647–2660, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [101] Thomas Voß, Tobias Friedrich, Karl Bringmann, ja Christian Igel. Scaling up indicator-based moeas by approximating the least hypervolume contributor: a preliminary study. Kirjassa Dimo Brockhoff ja Nicola Beume, toim., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, ss. 1975–1978, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [102] Thomas Weise, Li Niu, ja Ke Tang. Aoab: automated optimization algorithm benchmarking. Kirjassa Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, ja Petr Posik, toim., *Black box optimization benchmarking 2010 (BBOB 2010)*, ss. 1479–1486, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [103] Paweł Widera, Jaume Bacardit, Natalio Krasnogor, Carlos García-Martínez, ja Manuel Lozano. Evolutionary symbolic discovery for bioinformatics, systems and synthetic biology. Kirjassa Steven Gustafson ja Mark Kotanchek, toim., *GECCO 2010 Symbolic regression workshop*, ss. 1991–1998, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [104] Zachary D. Williams ja Gregory M. Kapfhammer. Using synthetic test suites to empirically compare search-based and greedy prioritizers. Kirjassa Daniel Tauritz, toim., *GECCO 2010 Late breaking abstracts*, ss. 2119–2120, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [105] Mark Wineberg ja Steffen Christensen. Statistical analysis for evolutionary computation: introduction. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Introductory tutorials*, ss. 2413–2440, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [106] Stephan M. Winkler, Michael Affenzeller, Witold Jacak, ja Herbert Stekel. Classification of tumor marker values using heuristic data mining methods. Kirjassa Stephen L Smith, Stefano Cagnoni, ja Robert Patton, toim., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, ss. 1915–1922, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [107] Carsten Witt. Theory of randomised search heuristics in combinatorial optimisation. Kirjassa Una-May O'Reilly, toim., *GECCO 2010 Specialized techniques and applications tutorials*, ss. 2795–2840, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [108] Chao Yang, Setsuya Kurahashi, Isao Ono, ja Takao Terano. Pattern-oriented inverse simulation for agent-based modeling: an analysis of family strategies. Kirjassa William Rand ja Rick Riolo, toim., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, ss. 1801–1808, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [109] Saúl Zapotecas Martínez ja Carlos A. Coello Coello. A novel diversification strategy for multi-objective evolutionary algorithms. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2031–2034, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [110] Emily M. Zechman. Integrating complex adaptive system simulation and evolutionary computation to support water infrastructure threat management. Kirjassa William Rand ja Rick Riolo, toim., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, ss. 1809–1816, Portland, Oregon, USA, 7-11 July 2010. ACM.
- [111] Zack Z. Zhu. Constraint handling with modified hypervolume indicator for multi-objective optimization problems. Kirjassa Riccardo Poli, toim., *GECCO 2010 Graduate student workshop*, ss. 2035–2038, Portland, Oregon, USA, 7-11 July 2010. ACM.