

Список литературы

- [Abbo 10] R. Abbott. “From energy to information and back”. In: S. W. Card and Y. Borenstein, Eds., *GECCO 2010 Entropy, information and complexity*, pp. 1841–1842, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Agog 10] A. Agogino. “Component evolution for large scale air traffic optimization”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2059–2060, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Ahn 10] E. Y. Ahn, T. Mullen, and J. Yen. “Finding feature transformation functions using genetic algorithm”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2061–2062, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Aldr 10] S. Aldridge, M. Peterson, and B. Herzog. “Image sets for the training of image processing systems”. In: C. B. Congdon and F. Moore, Eds., *Eighth GECCO Undergraduate Student Workshop*, pp. 2039–2042, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Arsa 10] M. Arsalan, S. A. Malik, and A. Khan. “Intelligent threshold selection for reversible watermarking of medical images”. In: S. L. Smith, S. Cagnoni, and R. Patton, Eds., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pp. 1909–1914, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Auge 10] A. Auger, D. Brockhoff, and N. Hansen. “Comparing the (1+1)-CMA-ES with a mirrored (1+2)-CMA-ES with sequential selection on the noiseless BBOB-2010 testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1543–1550, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Azen 10] Y. T. Azene and R. Rajkumar. “Multi-stage, multi-objective process optimisation”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2063–2064, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Babb 10] B. J. Babb. “Can evolved forward transforms do better than wavelets”. In: C. B. Congdon and F. Moore, Eds., *Eighth GECCO Undergraduate Student Workshop*, pp. 2043–2046, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Back 10] T. Bäck, J. Knowles, and O. M. Shir. “Experimental optimization by evolutionary algorithms”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2897–2916, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Baec 10] T. Baeck. “Evolution strategies: basic introduction”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2263–2288, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Barr 10] A. F. Barreira, a. O. Carlos Eduardo de Jesus Guimar O. N. Teixeira, and a. d. Roberto Célio Lim. “Evolutionary artificial immune system optimization”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2065–2066, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Bart 10] T. Bartz-Beielstein and M. Preuss. “Tuning and experimental analysis in evolutionary computation: what we still have wrong”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2625–2646, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Beck 10] B. E. Beckmann, J. Clune, and C. Ofria. “Digital evolution with avida”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2917–2926, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Behd 10] M. Behdad, L. Barone, T. French, and M. Bennamoun. “An investigation of real-valued accuracy-based learning classifier systems for electronic fraud detection”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1893–1900, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Butz 10] M. V. Butz. “Learning classifier systems”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2331–2352, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Card 10] S. W. Card. “Information distance based fitness and diversity metrics”. In: S. W. Card and Y. Borenstein, Eds., *GECCO 2010 Entropy, information and complexity*, pp. 1851–1854, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Chen 10] K.-L. Cheng, I. Zuckerman, U. Kuter, and D. Nau. “Emergence of cooperative societies in evolutionary games”. In: W. Rand and R. Riolo, Eds., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pp. 1793–1800, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Clac 10] C. D. Clack. “Financial evolutionary computing”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2461–2472, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Coel 10] C. A. Coello Coello. “Constraint-handling techniques used with evolutionary algorithms”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2603–2624, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Crof 10] J. M. Crofford. “Is the triple parameter hypothesis generalizable”. In: C. B. Congdon and F. Moore, Eds., *Eighth GECCO Undergraduate Student Workshop*, pp. 2047–2050, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Davi 10] O. David-Tabibi, N. S. Netanyahu, Y. Rosenberg, and M. Shimoni. “Genetic algorithms for automatic classification of moving objects”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2069–2070, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [De J 10] K. De Jong. “Evolutionary computation: a unified approach”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2289–2302, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Deb 10] K. Deb. “Evolutionary multi-criterion optimization”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2577–2602, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Dobs 10] F. Dobsław. “An experimental study on robust parameter settings”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 1999–2002, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [El A 10] M. El-Abd. “Black-box optimization benchmarking for noiseless function testbed using artificial bee colony algorithm”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1719–1724, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Emme 10] M. Emmerich, A. Deutz, R. Li, and J. Kruisselbrink. “Getting lost or getting trapped: on the effect of moves to incomparable points in multiobjective hillclimbing”. In: D. Brockhoff and N. Beume, Eds., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pp. 1963–1966, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Ene 10] G. Éné and M. Péroumalnaïk. “Speedup character-based matching in learning classifier systems with Xor”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1879–1884, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Evin 10] R. Evins. “Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2003–2006, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Fial 10] Álvaro Fialho, W. Gong, and Z. Cai. “Probability matching-based adaptive strategy selection vs. uniform strategy selection within differential evolution: an empirical comparison on the bbo-2010 noiseless testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1527–1534, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Finc 10] S. Finck and H.-G. Beyer. “Benchmarking CMA-EGS on the BBOB 2010 noiseless function testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1633–1640, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Fitz 10] A. FitzGerald and D. P. O’Donoghue. “Biologically inspired non-mendelian repair for constraint handling in evolutionary algorithms”. In: C. A. C. Coello, D. Curran, and T. Jansen, Eds., *GECCO 2010 Evolutionary computation techniques for constraint handling*, pp. 1817–1824, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Flas 10] O. Flasch, O. Mersmann, and T. Bartz-Beielstein. “RGP: an open source genetic programming system for the R environment”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2071–2072, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Fran 10] M. A. Franco, N. Krasnogor, and J. Bacardit. “Analysing bioHEL using challenging boolean functions”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1855–1862, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Frie 10] T. Friedrich and F. Neumann. “Foundations of evolutionary multi-objective optimization”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2557–2576, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Ghos 10] S. Ghosh, S. Das, and S. Das. “On the asymptotic convergence of differential evolution in continuous spaces: a control theoretic approach”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2073–2074, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Good 10] E. D. Goodman. “Introduction to genetic algorithms”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2121–2136, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Hans 10] N. Hansen and R. Ros. “Black-box optimization benchmarking of NEWUOA compared to BIPOP-CMA-ES: on the BBOB noiseless testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1519–1526, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Harr 10] K. I. Harrington and J. B. Pollack. “Robot phylogenetics”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2077–2078, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Hoen 10] R. Hoenigman, E. Bradley, and N. Barger. “AgentScapes: designing water efficient landscapes using distributed agent-based optimization”. In: W. Rand and R. Riolo, Eds., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECOMASS) - fourth annual workshop*, pp. 1777–1784, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Hosn 10] M. I. Hosny and C. L. Mumford. “An adaptive hybrid VNS/SA approach to the one-commodity pickup and delivery problem”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2079–2080, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Hu 10] H. Hu, L. Xu, and E. D. Goodman. “A control optimization algorithm for greenhouse climate control problems”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2081–2082, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Hurl 10] J. Hurley. “LESR CLASS: an LCS for securities trading rulesets”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2083–2084, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Icke 10] I. Icke and A. Rosenberg. “Dimensionality reduction using symbolic regression”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2085–2086, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Iord 10] S. Iordache. “Consultant-guided search combined with local search for the traveling salesman problem”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2087–2088, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Jans 10] T. Jansen and F. Neumann. “Computational complexity and evolutionary computation”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2683–2710, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kim 10] J.-W. Kim. “Evolutionary learning in networked multi-agent organizations”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2007–2010, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kimb 10] S. O. Kimbrough, A. Kuo, and H. C. Lau. “On decision support for deliberating with constraints in constrained optimization models”. In: C. A. C. Coello, D. Curran, and T. Jansen, Eds., *GECCO 2010 Evolutionary computation techniques for constraint handling*, pp. 1833–1840, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Knit 10] A. Knittel. “An activation reinforcement based classifier system for balancing generalisation and specialisation (ARCS)”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1871–1878, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kopp 10] S. Koppaka and A. R. Hota. “Superior exploration-exploitation balance with quantum-inspired hadamard walks”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2093–2094, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kota 10] M. Kotanchek. “Real-world data modeling”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2863–2896, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Koza 10] J. R. Koza. “Introduction to genetic programming tutorial: from the basics to human-competitive results”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2137–2262, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kuba 10] J. Kubalik. “Black-box optimization benchmarking of two variants of the POEMS algorithm on the noiseless testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1567–1574, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kube 10] K. Kuber and C. K. Mohan. “Information theoretic fitness measures for learning classifier systems”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1885–1892, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Kuku 10] J. Kunkunas, R. D. Cupper, and G. M. Kapfhammer. “A genetic algorithm to improve linux kernel performance on resource-constrained devices”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2095–2096, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Lara 10] A. Lara, O. Schuetze, and C. A. Coello Coello. “New challenges for memetic algorithms on continuous multi-objective problems”. In: D. Brockhoff and N. Beume, Eds., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pp. 1967–1970, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [LaTo 10] A. LaTorre, S. Muelas, and J. M. Pena. “Benchmarking a MOS-based algorithm on the BBOB-2010 noiseless function testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1649–1656, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Li 10] R. Li, M. R. Chaudron, and R. C. Ladan. “Towards automated software architectures design using model transformations and evolutionary algorithms”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2097–2098, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Lima 10] A. R. Lima Junior, D. A. Silva, P. S. Mattos Neto, and T. A. Ferreira. “An experimental study of fitness function and time series forecasting using artificial neural networks”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2015–2018, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Lobo 10] F. G. Lobo and C. F. Lima. “Towards automated selection of estimation of distribution algorithms”. In: M. Hauschild and M. Pelikan, Eds., *Optimization by building and using probabilistic models (OBUPM-2010)*, pp. 1945–1952, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Lope 10] M. Lopez-Ibanez, T. Stuetzle, and L. Paquete. “Graphical tools for the analysis of bi-objective optimization algorithms: [workshop on theoretical aspects of evolutionary multiobjective optimization]”. In: D. Brockhoff and N. Beume, Eds., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pp. 1959–1962, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Losh 10] I. Loshchilov, M. Schoenauer, and M. Sebag. “A pareto-compliant surrogate approach for multiobjective optimization”. In: D. Brockhoff and N. Beume, Eds., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pp. 1979–1982, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Mach 10] A. Machmudah, S. Parman, and A. Zainuddin. “UAV bezier curve maneuver planning using genetic algorithm”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2019–2022, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Mata 10] M. Matayoshi. “Corner junction: a new strategy for 2d strip packing”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2099–2100, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [McRe 10] R. K. McRee. “Symbolic regression using nearest neighbor indexing”. In: S. Gustafson and M. Kotanchek, Eds., *GECCO 2010 Symbolic regression workshop*, pp. 1983–1990, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Meut 10] R. J. Meuth. “Meta-learning genetic programming”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2101–2102, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Miik 10] R. Miikkulainen. “Evolving neural networks”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2441–2460, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Mill 10] J. F. Miller, S. L. Smith, and Y. Zhang. “Detection of microcalcifications in mammograms using multi-chromosome Cartesian genetic programming”. In: S. L. Smith, S. Cagnoni, and R. Patton, Eds., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pp. 1923–1930, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Milt 10] J. Milton and P. J. Kennedy. “Entropy profiles of ranked and random populations”. In: S. W. Card and Y. Borenstein, Eds., *GECCO 2010 Entropy, information and complexity*, pp. 1843–1850, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Moor 10] J. H. Moore. “Bioinformatics”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2503–2534, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Nara 10] H. Narasimhan, S. Satheesh, and D. Sriram. “Automatic summarization of cricket video events using genetic algorithm”. In: C. B. Congdon and F. Moore, Eds., *Eighth GECCO Undergraduate Student Workshop*, pp. 2051–2054, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Pari 10] O. Parinov. “The implementation and improvements of genetic algorithm for job-shop scheduling problems”. In: C. B. Congdon and F. Moore, Eds., *Eighth GECCO Undergraduate Student Workshop*, pp. 2055–2058, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Parr 10a] J. Parra, L. Trujillo, and P. Melin. “Backpropagation learning with a (1+1) ES”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2103–2104, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Parr 10b] P. Parracho, R. Neves, and N. Horta. “Trading in financial markets using pattern recognition optimized by genetic algorithms”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2105–2106, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Patt 10] R. M. Patton, B. G. Beckerman, T. E. Potok, and J. N. Treadwell. “Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports”. In: S. L. Smith, S. Cagnoni, and R. Patton, Eds., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pp. 1931–1936, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Peli 10] M. Pelikan. “Probabilistic model-building genetic algorithms”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2303–2330, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Pero 10] M. Peroumalnaik and G. Énée. “Prediction using Pittsburgh learning classifier systems: APCS use case”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1901–1908, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Pila 10] M. L. Pilat and I. Pestov. “Evolutionary computation on complex spatially-distributed networks”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2107–2108, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Poli 10] R. Poli. “Genetic programming theory”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2473–2502, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Povs 10] P. Pošík. “Comparison of cauchy EDA and BIPOP-CMA-ES algorithms on the BBOB noiseless testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1697–1702, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Pras 10] H. Prasain, P. Thulasiraman, R. K. Thulasiram, and G. K. Jha. “Particle swarm optimization algorithm for option pricing: extended abstract”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2109–2110, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Preu 10] M. Preuss. “Nicheing the CMA-ES via nearest-better clustering”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1711–1718, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Raja 10] M. A. Z. Raja, J. A. Khan, and I. M. Qureshi. “Heuristic computational approach using swarm intelligence in solving fractional differential equations”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2023–2026, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Rasc 10] M. Raschip and H. Luchian. “Using messy genetic algorithms for solving the winner determination problem”. In: C. A. C. Coello, D. Curran, and T. Jansen, Eds., *GECCO 2010 Evolutionary computation techniques for constraint handling*, pp. 1825–1832, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Ros 10] R. Ros. “Comparison of NEWUOA with different numbers of interpolation points on the BBOB noiseless testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1487–1494, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Roth 10] F. Rothlauf. “Representations for evolutionary algorithms”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2535–2556, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Ryan 10] C. Ryan. “Grammatical evolution tutorial”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2385–2412, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Sato 10] Y. Sato and H. Inoue. “Genetic operations to solve sudoku puzzles”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2111–2112, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Schu 10] O. Schuetze, X. Equivel, A. Lara, and C. A. Coello Coello. “Some comments on GD and IGD and relations to the Hausdorff distance”. In: D. Brockhoff and N. Beume, Eds., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pp. 1971–1974, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Silv 10] S. Silva. “Handling bloat in GP”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2769–2794, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Smit 10] J. T. Smith. “Implicit fitness and heterogeneous preferences in the genetic algorithm”. In: W. Rand and R. Riolo, Eds., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pp. 1785–1792, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Soul 10] T. Soule and R. B. Heckendorn. “A developmental approach to evolving scalable hierarchies for multi-agent swarms”. In: W. Rand and R. Riolo, Eds., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pp. 1769–1776, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Spec 10] L. Spector. “Evolution of quantum algorithms”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2739–2768, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Stal 10] P. O. Stalph, J. Rubinsztajn, O. Sigaud, and M. V. Butz. “A comparative study: function approximation with LWPR and XCSF”. In: J. Bacardit, W. Browne, and J. Drugowitsch, Eds., *Thirteenth international workshop on learning classifier systems*, pp. 1863–1870, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Stan 10] K. O. Stanley. “Generative and developmental systems”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2841–2862, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Teix 10] O. N. Teixeira, F. H. de Brito, W. A. da Luz Lobato, A. N. Teixeira, C. T. K. Yasojima, and a. d. Roberto Célio Lim. “Fuzzy social interaction genetic algorithm”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2113–2114, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Thie 10] D. Thierens. “Linkage tree genetic algorithm: first results”. In: M. Hauschild and M. Pelikan, Eds., *Optimization by building and using probabilistic models (OBUPM-2010)*, pp. 1953–1958, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Tran 10] T.-D. Tran and G.-G. Jin. “Real-coded genetic algorithm benchmarked on noiseless black-box optimization testbed”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1731–1738, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Vale 10] P. Valencia, R. Jurdak, and P. Lindsay. “Fitness importance for online evolution”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2117–2118, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Vann 10] L. Vanneschi. “Fitness landscapes and problem hardness in genetic programming”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2711–2738, ACM, Portland, Oregon, USA, 7-11 July 2010.

- [Vose 10] M. D. Vose. “Course notes: genetic algorithm theory”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Advanced tutorials*, pp. 2647–2660, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Voss 10] T. Voß, T. Friedrich, K. Bringmann, and C. Igel. “Scaling up indicator-based MOEAs by approximating the least hypervolume contributor: a preliminary study”. In: D. Brockhoff and N. Beume, Eds., *GECCO 2010 Theoretical aspects of evolutionary multiobjective optimization - current status and future trends*, pp. 1975–1978, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Weis 10] T. Weise, L. Niu, and K. Tang. “AOAB: automated optimization algorithm benchmarking”. In: A. Auger, H.-G. Beyer, N. Hansen, S. Finck, R. Ros, and P. Posik, Eds., *Black box optimization benchmarking 2010 (BBOB 2010)*, pp. 1479–1486, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Wide 10] P. Widera, J. Bacardit, N. Krasnogor, C. García-Martínez, and M. Lozano. “Evolutionary symbolic discovery for bioinformatics, systems and synthetic biology”. In: S. Gustafson and M. Kotanchek, Eds., *GECCO 2010 Symbolic regression workshop*, pp. 1991–1998, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Will 10] Z. D. Williams and G. M. Kapfhammer. “Using synthetic test suites to empirically compare search-based and greedy prioritizers”. In: D. Tauritz, Ed., *GECCO 2010 Late breaking abstracts*, pp. 2119–2120, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Wine 10] M. Wineberg and S. Christensen. “Statistical analysis for evolutionary computation: introduction”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Introductory tutorials*, pp. 2413–2440, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Wink 10] S. M. Winkler, M. Affenzeller, W. Jacak, and H. Stekel. “Classification of tumor marker values using heuristic data mining methods”. In: S. L. Smith, S. Cagnoni, and R. Patton, Eds., *GECCO 2010 Medical applications of genetic and evolutionary computation (MedGEC)*, pp. 1915–1922, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Witt 10] C. Witt. “Theory of randomised search heuristics in combinatorial optimisation”. In: U.-M. O’Reilly, Ed., *GECCO 2010 Specialized techniques and applications tutorials*, pp. 2795–2840, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Yang 10] C. Yang, S. Kurahashi, I. Ono, and T. Terano. “Pattern-oriented inverse simulation for agent-based modeling: an analysis of family strategies”. In: W. Rand and R. Riolo, Eds., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pp. 1801–1808, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Zapo 10] S. Zapotecas Martínez and C. A. Coello Coello. “A novel diversification strategy for multi-objective evolutionary algorithms”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2031–2034, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Zech 10] E. M. Zechman. “Integrating complex adaptive system simulation and evolutionary computation to support water infrastructure threat management”. In: W. Rand and R. Riolo, Eds., *GECCO 2010 Evolutionary computation and multi-agent systems and simulation (ECoMASS) - fourth annual workshop*, pp. 1809–1816, ACM, Portland, Oregon, USA, 7-11 July 2010.
- [Zhu 10] Z. Z. Zhu. “Constraint handling with modified hypervolume indicator for multi-objective optimization problems”. In: R. Poli, Ed., *GECCO 2010 Graduate student workshop*, pp. 2035–2038, ACM, Portland, Oregon, USA, 7-11 July 2010.