Список литературы

- [Abido(2007)] Abido, M. A. (2007). Two-level of nondominated solutions approach to multiobjective particle swarm optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 726–733. (London: ACM Press).
- [Abraham et al.(2007)Abraham, Das, & Konar] Abraham, A., Das, S., & Konar, A. (2007). Kernel based automatic clustering using modified particle swarm optimization algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 2–9. (London: ACM Press).
- [Achiche et al.(2007)Achiche, Wang, Fan, Ozkil, Sorensen, Wang, & Goodman] Achiche, S., Wang, W., Fan, Z., Ozkil, A., Sorensen, T., Wang, J., & Goodman, E. (2007). Genetically generated double-level fuzzy controller with a fuzzy adjustment strategy. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1880–1887. (London: ACM Press).
- [Adra et al.(2007)Adra, Griffin, & Fleming] Adra, S. F., Griffin, I., & Fleming, P. J. (2007). An informed convergence accelerator for evolutionary multiobjective optimiser. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 734–740. (London: ACM Press).
- [Agapitos et al.(2007)Agapitos, Togelius, & Lucas] Agapitos, A., Togelius, J., & Lucas, S. M. (2007).
 Evolving controllers for simulated car racing using object oriented genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1543–1550. (London: ACM Press).
- [Aggarwal & O'Reilly(2007)] Aggarwal, V. & O'Reilly, U.-M. (2007). Cosmo: a correlation sensitive mutation operator for multi-objective optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 741–748. (London: ACM Press).
- [Agogino & Tumer (2007)] Agogino, A. & Tumer, K. (2007). Evolving distributed agents for managing air traffic. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1888–1895. (London: ACM Press).
- [Aguirre et al.(2007)Aguirre, Okazaki, & Fuwa] Aguirre, H., Okazaki, H., & Fuwa, Y. (2007). An evolutionary multiobjective approach to design highly non-linear boolean functions. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 749–756. (London: ACM Press).

- [Ahn & Ramakrishna(2007)] Ahn, C. W. & Ramakrishna, R. S. (2007). Multiobjective real-coded bayesian optimization algorithmrevisited: diversity preservation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 593–600. (London: ACM Press).
- [Alba & Chicano(2007a)] Alba, E. & Chicano, F. (2007a). Acohg: dealing with huge graphs. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 10–17. (London: ACM Press).
- [Alba & Chicano (2007b)] Alba, E. & Chicano, F. (2007b). Finding safety errors with aco. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1066–1073. (London: ACM Press).
- [Alharbi et al.(2007)Alharbi, Rand, & Riolo] Alharbi, A., Rand, W., & Riolo, R. (2007). The defined cliffs variant in dynamic environments: a case study using the shaky ladder hyperplane-defined functions. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1158–1164. (London: ACM Press).
- [Anabela Sim & Costa(2007)] Anabela Sim o. & Costa, E. (2007). Vmea: studies on replacing strategies and diversity in dynamic environments. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1530–1530. (London: ACM Press).
- [Anastasiadis et al.(2007)Anastasiadis, Georgoulas, Magoulas, & Tzes] Anastasiadis, A. D., Georgoulas, G., Magoulas, G., & Tzes, A. (2007). Adaptive particle swarm optimizer with nonextensive schedule. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 168–168. (London: ACM Press).
- [Ando(2007)] Ando, S. (2007). Heuristic speciation for evolving neural network ensemble. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1766–1773. (London: ACM Press).
- [Araujo & Merelo(2007)] Araujo, L. & Merelo, J. J. (2007). A genetic algorithm for dynamic modelling and prediction of activity in document streams. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1896–1903. (London: ACM Press).
- [Arnold(2007)] Arnold, D. V. (2007). On the use of evolution strategies for optimising certain positive definite quadratic forms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and

- evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 634–641. (London: ACM Press).
- [Au & Leung(2007)] Au, C.-K. & Leung, H.-F. (2007). Guided mutations in cooperative coevolutionary algorithms for function optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 488–488. (London: ACM Press).
- [Auger & Teytaud(2007)] Auger, A. & Teytaud, O. (2007). Continuous lunches are free! In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 916–922. (London: ACM Press).
- [Ayari et al.(2007)Ayari, Bouktif, & Antoniol] Ayari, K., Bouktif, S., & Antoniol, G. (2007). Automatic mutation test input data generation via ant colony. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1074–1081. (London: ACM Press).
- [Azzini & Tettamanzi(2007)] Azzini, A. & Tettamanzi, A. G. B. (2007). Automated trading on financial instruments with evolved neural networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2252–2252. (London: ACM Press).
- [Bacardit et al.(2007)Bacardit, Stout, Hirst, Sastry, Llorà, & Krasnogor] Bacardit, J., Stout, M., Hirst, J. D., Sastry, K., Llorà, X., & Krasnogor, N. (2007). Automated alphabet reduction method with evolutionary algorithms for protein structure prediction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 346–353. (London: ACM Press).
- [Baddeley & Philippides(2007)] Baddeley, B. & Philippides, A. (2007). Bee slam: a probabilistic framework for studying orientation flights in bees and wasps. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 334–334. (London: ACM Press).
- [Bader-El-Den & Poli(2007)] Bader-El-Den, M. B. & Poli, R. (2007). A gp-based hyper-heuristic framework for evolving 3-sat heuristics. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1749–1749. (London: ACM Press).
- [Badran & Rockett(2007)] Badran, K. M. S. & Rockett, P. I. (2007). The roles of diversity preservation and mutation in preventing population collapse in multiobjective genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb,

- B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1551–1558. (London: ACM Press).
- [Baig & Rashid(2007)] Baig, A. R. & Rashid, M. (2007). Honey bee foraging algorithm for multimodal & dynamic optimization problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 169–169. (London: ACM Press).
- [Bailey & Raich(2007)] Bailey, B. W. & Raich, A. M. (2007). Interactive multi-objective design of long-span trusses. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 902–902. (London: ACM Press).
- [Banerjee & Kumar (2007)] Banerjee, N. & Kumar, R. (2007). Multiobjective network design for realistic traffic models. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1904–1911. (London: ACM Press).
- [Bazzoli et al.(2007)Bazzoli, Colombo, & Tettamanzi] Bazzoli, A., Colombo, G., & Tettamanzi, A. G. B. (2007). Ab initio protein structure prediction with a dipeptide-assembly evolutionary algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 424–424. (London: ACM Press).
- [Becerra et al.(2007)Becerra, Coello Coello, Hernández-Díaz, Caballero, & Molina] Becerra, R. L., Coello Coello, C. A., Hernández-Díaz, A. G., Caballero, R., & Molina, J. (2007). Alternative techniques to solve hard multi-objective optimization problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 757–754. (London: ACM Press).
- [Becker et al.(2007)Becker, Trendelenburg, Henrici, & Manoli] Becker, J., Trendelenburg, S., Henrici, F., & Manoli, Y. (2007). Synthesis of analog filters on an evolvable hardware platform using a genetic algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 190–197. (London: ACM Press).
- [Bird & Li(2007)] Bird, S. & Li, X. (2007). Informative performance metrics for dynamic optimisation problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 18–25. (London: ACM Press).
- [Bleuler & Zitzler(2007)] Bleuler, S. & Zitzler, E. (2007). Discrimination of metabolic flux profiles using a hybrid evolutionary algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke,

- J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 354–360. (London: ACM Press).
- [Bolzani et al.(2007)Bolzani, Sanchez, Schillaci, & Squillero] Bolzani, L., Sanchez, E., Schillaci, M., & Squillero, G. (2007). Coupling ea and high-level metrics for the automatic generation of test blocks for peripheral cores. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1912–1919. (London: ACM Press).
- [Bongard(2007a)] Bongard, J. (2007a). Action-selection and crossover strategies for self-modeling machines. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 198–205. (London: ACM Press).
- [Bongard(2007b)] Bongard, J. (2007b). Exploiting multiple robots to accelerate self-modeling. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 214–221. (London: ACM Press).
- [Borgulya(2007)] Borgulya, I. (2007). An ec-memory based method for the multi-objective tsp. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 903–903. (London: ACM Press).
- [Bosman et al.(2007)Bosman, Grahl, & Rothlauf] Bosman, P. A. N., Grahl, J., & Rothlauf, F. (2007). Sdr: a better trigger for adaptive variance scaling in normal edas. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 492–499. (London: ACM Press).
- [Bosman & Poutré(2007)] Bosman, P. A. N. & Poutré, H. L. (2007). Learning and anticipation in online dynamic optimization with evolutionary algorithms: the stochastic case. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1165–1172. (London: ACM Press).
- [Bosman & Thierens(2007)] Bosman, P. A. N. & Thierens, D. (2007). Adaptive variance scaling in continuous multi-objective estimation-of-distribution algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 500–507. (London: ACM Press).
- [Boulif & Atif(2007)] Boulif, M. & Atif, K. (2007). A fuzzy genetic algorithm for the dynamic cell formation problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann,

- M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1502–1502. (London: ACM Press).
- [Branke et al.(2007)Branke, Lode, & Shapiro] Branke, J., Lode, C., & Shapiro, J. L. (2007). Addressing sampling errors and diversity loss in umda. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 508–515. (London: ACM Press).
- [Brockhoff et al.(2007)Brockhoff, Friedrich, Hebbinghaus, Klein, Neumann, & Zitzler] Brockhoff, D., Friedrich, T., Hebbinghaus, N., Klein, C., Neumann, F., & Zitzler, E. (2007). Do additional objectives make a problem harder? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 765–772. (London: ACM Press).
- [Brodu(2007)] Brodu, N. (2007). A framework for the emergence of intra-species mutual recognition patterns. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 336–336. (London: ACM Press).
- [Brookes & Demeler(2007)] Brookes, E. H. & Demeler, B. (2007). Parsimonious regularization using genetic algorithms applied to the analysis of analytical ultracentrifugation experiments. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 361–368. (London: ACM Press).
- [Brown et al.(2007)Brown, Kovacs, & Marshall] Brown, G., Kovacs, T., & Marshall, J. A. R. (2007). Ucspv: principled voting in ucs rule populations. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1774–1781. (London: ACM Press).
- [Bryce & Colbourn(2007)] Bryce, R. C. & Colbourn, C. J. (2007). One-test-at-a-time heuristic search for interaction test suites. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1082–1089. (London: ACM Press).
- [Bucci & Pollack(2007)] Bucci, A. & Pollack, J. B. (2007). Thoughts on solution concepts. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 434–439. (London: ACM Press).
- [Bull & Uroukov(2007)] Bull, L. & Uroukov, I. S. (2007). Initial results from the use of learning classifier systems to control in vitro neuronal networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 369–376. (London: ACM Press).

- [Bullinaria(2007)] Bullinaria, J. A. (2007). The effect of learning on life history evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 222–229. (London: ACM Press).
- [Burke et al.(2007)Burke, Hyde, Kendall, & Woodward] Burke, E. K., Hyde, M. R., Kendall, G., & Woodward, J. (2007). Automatic heuristic generation with genetic programming: evolving a jack-of-all-trades or a master of one. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1559–1565. (London: ACM Press).
- [Cai et al.(2007a)Cai, Welch, Koduru, & Das] Cai, X., Welch, S. M., Koduru, P., & Das, S. (2007a). Discovering structures in gene regulatory networks using genetic programming and particle swarms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1750–1750. (London: ACM Press).
- [Cai et al.(2007b)Cai, Sun, Xu, & Jia] Cai, Y., Sun, X., Xu, H., & Jia, P. (2007b). Cross entropy and adaptive variance scaling in continuous eda. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 609–616. (London: ACM Press).
- [Cattral & Oppacher(2007)] Cattral, R. & Oppacher, F. (2007). Discovering rules in the poker hand dataset. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1870–1870. (London: ACM Press).
- [Cayzer & Sullivan(2007)] Cayzer, S. & Sullivan, J. (2007). Modelling danger and anergy in artificial immune systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 26–32. (London: ACM Press).
- [Cebrian et al.(2007)Cebrian, Alfonseca, & Ortega] Cebrian, M., Alfonseca, M., & Ortega, A. (2007). Automatic generation of benchmarks for plagiarism detection tools using grammatical evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2253–2253. (London: ACM Press).
- [Chan et al.(2007)Chan, Leung, & Lee] Chan, T.-M., Leung, K.-S., & Lee, K.-H. (2007). Tfbs identification by position- and consensus-led genetic algorithm with local filtering. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 377–384. (London: ACM Press).

- [Chavoya & Duthen(2007)] Chavoya, A. & Duthen, Y. (2007). Use of a genetic algorithm to evolve an extended artificial regulatory network for cell pattern generation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1062–1062. (London: ACM Press).
- [Chen & ping Chen(2007a)] Chen, C.-H. & ping Chen, Y. (2007a). Real-coded ecga for economic dispatch. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1920–1927. (London: ACM Press).
- [Chen & ping Chen(2007b)] Chen, H.-W. & ping Chen, Y. (2007b). Introducing fault tolerance to xcs. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1871–1871. (London: ACM Press).
- [Chen(2007)] Chen, J.-H. (2007). Simultaneous optimization of production planning and inspection planning for flexible manufacturing systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1928–1935. (London: ACM Press).
- [Chen et al.(2007a)Chen, Hu, Hirasawa, & Yu] Chen, Y., Hu, J., Hirasawa, K., & Yu, S. (2007a). Gars: an improved genetic algorithm with reserve selection for global optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1173–1178. (London: ACM Press).
- [Chen et al.(2007b)Chen, Mabu, Hirasawa, & Hu] Chen, Y., Mabu, S., Hirasawa, K., & Hu, J. (2007b). Trading rules on stock markets using genetic network programming with sarsa learning. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1503–1503. (London: ACM Press).
- [Chiotis & Clack(2007)] Chiotis, T. & Clack, C. D. (2007). Nonlinearity linkage detection for financial time series analysis. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1179–1186. (London: ACM Press).
- [Chitty(2007)] Chitty, D. M. (2007). A data parallel approach to genetic programming using programmable graphics hardware. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1566–1573. (London: ACM Press).
- [Choo et al.(2007)Choo, Chua, & Tay] Choo, C. S., Chua, C. L., & Tay, S.-H. V. (2007). Automated red teaming: a proposed framework for military application. In GECCO '07: Proceedings of

- the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1936–1942. (London: ACM Press).
- [Christensen & Oppacher(2007)] Christensen, S. & Oppacher, F. (2007). Solving the artificial ant on the santa fe trail problem in 20,696 fitness evaluations. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1574–1579. (London: ACM Press).
- [Clegg et al.(2007a)Clegg, Walker, & Miller] Clegg, J., Walker, J. A., & Miller, J. F. (2007a). A new crossover technique for cartesian genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1580–1587. (London: ACM Press).
- [Clegg et al.(2007b)Clegg, Stepney, & Clarke] Clegg, K., Stepney, S., & Clarke, T. (2007b). Using feedback to regulate gene expression in a developmental control architecture. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 966–973. (London: ACM Press).
- [Coffin & Smith(2007)] Coffin, D. J. & Smith, R. E. (2007). Why is parity hard for estimation of distribution algorithms? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 624–624. (London: ACM Press).
- [Contreras(2007)] Contreras, E. B. (2007). A biologically inspired solution for an evolved simulated agent. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 206–213. (London: ACM Press).
- [Corne & Knowles(2007)] Corne, D. W. & Knowles, J. D. (2007). Techniques for highly multiobjective optimisation: some nondominated points are better than others. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 773–780. (London: ACM Press).
- [Correia & Fonseca(2007)] Correia, M. B. & Fonseca, C. M. (2007). On the roles of redundancy and neutrality in evolutionary optimization: an experimental study. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1504–1504. (London: ACM Press).
- [Costelloe & Ryan(2007)] Costelloe, D. & Ryan, C. (2007). Towards models of user preferences in interactive musical evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2254–2254. (London: ACM Press).

- [Cummins & O'Riordan(2007)] Cummins, R. & O'Riordan, C. (2007). Using genetic programming for information retrieval: local and global query expansion. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2255–2255. (London: ACM Press).
- [Curran et al.(2007a)Curran, O'Riordan, & Sorensen] Curran, D., O'Riordan, C., & Sorensen, H. (2007a). The effects of lifetime learning on the diversity and fitness of populations. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 337–337. (London: ACM Press).
- [Curran et al.(2007b)Curran, O'Riordan, & Sorensen] Curran, D., O'Riordan, C., & Sorensen, H. (2007b). Self-adaptation of cultural learning parameters. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 338–338. (London: ACM Press).
- [D'Ambrosio & Stanley(2007)] D'Ambrosio, D. B. & Stanley, K. O. (2007). A novel generative encoding for exploiting neural network sensor and output geometry. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 974–981. (London: ACM Press).
- [Danoy et al.(2007)Danoy, Alba, Bouvry, & Brust] Danoy, G., Alba, E., Bouvry, P., & Brust, M. (2007). Optimal design of ad hoc injection networks by using genetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2256–2256. (London: ACM Press).
- [de Abreu et al.(2007)de Abreu, Martins, & de Sousa] de Abreu, B. T., Martins, E., & de Sousa, F. L. (2007). Generalized extremal optimization: an attractive alternative for test data generation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1138–1138. (London: ACM Press).
- [de Freitas & Mayer(2007)] de Freitas, A. A. & Mayer, C. B. (2007). The effectiveness of dynamic ant colony tuning. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 170–170. (London: ACM Press).
- [De Jong(2007)] De Jong, E. D. (2007). Objective fitness correlation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 440–447. (London: ACM Press).
- [de Lima et al.(2007)de Lima, Faccioli, Gabriel, Delbem, & Nunes da Silva] de Lima, T. W., Faccioli, R. A., Gabriel, P. H. R., Delbem, A. C. B., & Nunes da Silva, I. (2007). Evolutionary approach

- to protein structure prediction with hydrophobic interactions. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 425–425. (London: ACM Press).
- [de Melo et al.(2007)de Melo, Delbem, Dorival Leao Pinto, & Federson] de Melo, V. V., Delbem, A. C. B., Dorival Leao Pinto, J., & Federson, F. M. (2007). Improving global numerical optimization using a search-space reduction algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1195–1202. (London: ACM Press).
- [Deb & Kumar (2007)] Deb, K. & Kumar, A. (2007). Interactive evolutionary multi-objective optimization and decision-making using reference direction method. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 781–788. (London: ACM Press).
- [Deb et al.(2007)Deb, Sindhya, & Okabe] Deb, K., Sindhya, K., & Okabe, T. (2007). Self-adaptive simulated binary crossover for real-parameter optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1187–1194. (London: ACM Press).
- [DeHaas et al.(2007)DeHaas, Craig, Rickert, Eppstein, Haake, & Stor] DeHaas, D., Craig, J., Rickert, C., Eppstein, M. J., Haake, P., & Stor, K. (2007). Feature selection and classification in noisy epistatic problems using a hybrid evolutionary approach. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1872–1872. (London: ACM Press).
- [Demir et al.(2007)Demir, Uyar, & Ögüdücü] Demir, G. N., Uyar, A. S., & Ögüdücü, S. G. (2007). Graph-based sequence clustering through multiobjective evolutionary algorithms for web recommender systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1943–1950. (London: ACM Press).
- [Devert et al.(2007)Devert, Bredeche, & Schoenauer] Devert, A., Bredeche, N., & Schoenauer, M. (2007). Robust multi-cellular developmental design. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 982–989. (London: ACM Press).
- [Di Chio et al.(2007)Di Chio, Poli, & Di Chio] Di Chio, C., Poli, R., & Di Chio, P. (2007). Ecops: a particle swarm algorithm to model group-foraging. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 230–237. (London: ACM Press).
- [Di Penta et al.(2007)Di Penta, Canfora, Esposito, Mazza, & Bruno] Di Penta, M., Canfora, G., Esposito, G., Mazza, V., & Bruno, M. (2007). Search-based testing of service level agreements. In

- GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1090–1097. (London: ACM Press).
- [Dignum & Poli(2007)] Dignum, S. & Poli, R. (2007). Generalisation of the limiting distribution of program sizes in tree-based genetic programming and analysis of its effects on bloat. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1588–1595. (London: ACM Press).
- [Diosan et al.(2007)Diosan, Oltean, Rogozan, & Pecuchet] Diosan, L., Oltean, M., Rogozan, A., & Pecuchet, J. P. (2007). Genetically designed multiple-kernels for improving the sym performance. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1873–1873. (London: ACM Press).
- [Divina & Aguilar-Ruiz(2007)] Divina, F. & Aguilar-Ruiz, J. S. (2007). A multi-objective approach to discover biclusters in microarray data. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 385–392. (London: ACM Press).
- [Doerr & Johannsen(2007)] Doerr, B. & Johannsen, D. (2007). Adjacency list matchings: an ideal genotype for cycle covers. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1203–1210. (London: ACM Press).
- [Doerr et al.(2007)Doerr, Neumann, Sudholt, & Witt] Doerr, B., Neumann, F., Sudholt, D., & Witt, C. (2007). On the runtime analysis of the 1-ant aco algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 33–40. (London: ACM Press).
- [Doherty & O'Riordan(2007)] Doherty, D. & O'Riordan, C. (2007). A phenotypic analysis of gpevolved team behaviours. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1951–1958. (London: ACM Press).
- [Dong & Liang(2007)] Dong, H. & Liang, Y. (2007). Genetic algorithms for large join query optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1211–1218. (London: ACM Press).
- [Downing(2007)] Downing, K. L. (2007). Supplementing evolutionary developmental systems with abstract models of neurogenesis. In GECCO '07: Proceedings of the 9th annual conference

- on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 990–996. (London: ACM Press).
- [Dragoni & Tettamanzi(2007)] Dragoni, M. & Tettamanzi, A. G. B. (2007). Evolutionary algorithms for reasoning in fuzzy description logics with fuzzy quantifiers. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1967–1974. (London: ACM Press).
- [Drugowitsch & Barry(2007)] Drugowitsch, J. & Barry, A. M. (2007). Mixing independent classifiers. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1596– 1603. (London: ACM Press).
- [Drzadzewski & Wineberg(2007)] Drzadzewski, G. & Wineberg, M. (2007). The effects of solution density in the search space on finding spatially robust solutions. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1505–1505. (London: ACM Press).
- [Duke & Clack(2007)] Duke, J. & Clack, C. D. (2007). Using an evolutionary agent-based simulation to explore hedging pressure in futures markets. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2257–2257. (London: ACM Press).
- [Ebner(2007)] Ebner, M. (2007). Estimating the spectral sensitivity of a digital sensor using calibration targets. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 642–649. (London: ACM Press).
- [Eiben et al. (2007a) Eiben, Schoenauer, van Krevelen, Hobbelman, ten Hagen, & van het Schip]
 Eiben, A. E., Schoenauer, M., van Krevelen, D. W. F., Hobbelman, M. C., ten Hagen, M. A., &
 van het Schip, R. C. (2007a). Autonomous selection in evolutionary algorithms. In GECCO '07:
 Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens,
 H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr,
 T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O.
 Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1506–1506. (London: ACM
 Press).
- [Eiben et al.(2007b)Eiben, Bekker, Griffioen, & Haasdijk] Eiben, G., Bekker, J., Griffioen, R., & Haasdijk, E. (2007b). Balancing quality and quantity in evolving agent systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 335–335. (London: ACM Press).
- [Esparcia-Alcazar et al.(2007)Esparcia-Alcazar, Lluch-Revert, Cardos, Sharman, & Merelo] Esparcia-Alcazar, A. I., Lluch-Revert, L., Cardos, M., Sharman, K., & Merelo, J. J. (2007). Configuring an evolutionary tool for the inventory and transportation problem. In GECCO '07:

- Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1975–1982. (London: ACM Press).
- [Estévez & Lipson(2007)] Estévez, N. S. & Lipson, H. (2007). Dynamical blueprints: exploiting levels of system-environment interaction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 238–244. (London: ACM Press).
- [Fan et al.(2007)Fan, Brabazon, O'Sullivan, & O'Neill] Fan, K., Brabazon, A., O'Sullivan, C., & O'Neill, M. (2007). Option pricing model calibration using a real-valued quantum-inspired evolutionary algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1983–1990. (London: ACM Press).
- [Fayek et al.(2007)Fayek, Talaat, & Darwish] Fayek, M. B. E., Talaat, A. S., & Darwish, N. M. (2007). Generating classification trees for small disjuncts using incremental gas. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1507–1507. (London: ACM Press).
- [Fernandes et al.(2007)Fernandes, Rosa, & Ramos] Fernandes, C. M., Rosa, A. C., & Ramos, V. (2007). Binary ant algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 41–48. (London: ACM Press).
- [Fernando & Rowe(2007)] Fernando, C. T. & Rowe, J. (2007). Hebbian learning in a simple gene circuit. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 426–426. (London: ACM Press).
- [Ferreira et al.(2007)Ferreira, Fonseca, & Gaspar-Cunha] Ferreira, J. C., Fonseca, C. M., & Gaspar-Cunha, A. (2007). Methodology to select solutions from the pareto-optimal set: a comparative study. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 789–796. (London: ACM Press).
- [Figueredo et al.(2007)Figueredo, Ebecken, & Barbosa] Figueredo, G. P., Ebecken, N. F., & Barbosa, H. C. (2007). Suppression based immune mechanism to find are presentative training set in data classification tasks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 171–171. (London: ACM Press).

- [Folino et al.(2007)Folino, Pizzuti, & Spezzano] Folino, G., Pizzuti, C., & Spezzano, G. (2007). Streamgp: tracking evolving gp ensembles in distributed data streams using fractal dimension. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1751–1751. (London: ACM Press).
- [Förster et al.(2007)Förster, Bickel, Hardung, & Kókai] Förster, M., Bickel, B., Hardung, B., & Kókai, G. (2007). Self-adaptive ant colony optimisation applied to function allocation in vehicle networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1991–1998. (London: ACM Press).
- [Francone et al.(2007)Francone, Deschaine, & Warren] Francone, F. D., Deschaine, L. M., & Warren, J. J. (2007). Discrimination of munitions and explosives of concern at f.e. warren afb using linear genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1999–2006. (London: ACM Press).
- [Friedrich et al.(2007a)Friedrich, Hebbinghaus, & Neumann] Friedrich, T., Hebbinghaus, N., & Neumann, F. (2007a). Rigorous analyses of simple diversity mechanisms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1219–1225. (London: ACM Press).
- [Friedrich et al.(2007b)Friedrich, Hebbinghaus, Neumann, He, & Witt] Friedrich, T., Hebbinghaus, N., Neumann, F., He, J., & Witt, C. (2007b). Approximating covering problems by randomized search heuristics using multi-objective models. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 797–804. (London: ACM Press).
- [Gagné et al.(2007)Gagné, Sebag, Schoenauer, & Tomassini] Gagné, C., Sebag, M., Schoenauer, M., & Tomassini, M. (2007). Ensemble learning for free with evolutionary algorithms? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1782–1789. (London: ACM Press).
- [Gajda & Sekanina(2007)] Gajda, Z. & Sekanina, L. (2007). Reducing the number of transistors in digital circuits using gate-level evolutionary design. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 245–252. (London: ACM Press).
- [Gallardo et al.(2007)Gallardo, Cotta, & Fernandez] Gallardo, J. E., Cotta, C., & Fernandez, A. J. (2007). A memetic algorithm for the low autocorrelation binary sequence problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb,

- B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1226–1233. (London: ACM Press).
- [Galvan-Lopez & Poli(2007)] Galvan-Lopez, E. & Poli, R. (2007). How and why a bit-wise neutrality with and without locality affects evolutionary search. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1508–1508. (London: ACM Press).
- [Galvan-Lopez et al.(2007)Galvan-Lopez, Togelius, & Lucas] Galvan-Lopez, E., Togelius, J., & Lucas, S. (2007). Towards understanding the effects of neutrality on the sudoku problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1509–1509. (London: ACM Press).
- [Gandhe et al.(2007)Gandhe, Yu, Mehra, & Smith] Gandhe, A., Yu, S.-H., Mehra, R., & Smith, R. E. (2007). Fused, multi-spectral automatic target recognition with xcs. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1874–1874. (London: ACM Press).
- [García-Nieto et al.(2007a)García-Nieto, Alba, & Chicano] García-Nieto, J., Alba, E., & Chicano, F. (2007a). Using metaheuristic algorithms remotely via ros. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1510–1510. (London: ACM Press).
- [García-Nieto et al.(2007b)García-Nieto, Alba, Jourdan, & Talbi] García-Nieto, J., Alba, E., Jourdan, L., & Talbi, E.-G. (2007b). A comparison of pso and ga approaches for gene selection and classification of microarray data. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 427–427. (London: ACM Press).
- [Garibay & Wu(2007)] Garibay, O. O. & Wu, A. S. (2007). Analyzing the effects of module encapsulation on search space bias. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1234–1241. (London: ACM Press).
- [Gauci & Stanley(2007)] Gauci, J. & Stanley, K. (2007). Generating large-scale neural networks through discovering geometric regularities. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 997–1004. (London: ACM Press).
- [Geremia et al.(2007)Geremia, Poian, & Poles] Geremia, P., Poian, M., & Poles, S. (2007). Genetic optimization for yacht design. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore,

- F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2007–2012. (London: ACM Press).
- [Gog et al.(2007)Gog, Dumitrescu, & Hirsbrunner] Gog, A., Dumitrescu, D., & Hirsbrunner, B. (2007). Collaborative evolutionary algorithms for combinatorial optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1511–1511. (London: ACM Press).
- [Gomez & Fuentes(2007)] Gomez, J. C. & Fuentes, O. (2007). Using evolution strategies for automatic extraction of parameters for stellar population synthesis of galaxy spectra from sdss. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 722–722. (London: ACM Press).
- [Gong & Tuson(2007a)] Gong, T. & Tuson, A. L. (2007a). Binary particle swarm optimization: a forma analysis approach. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 172–172. (London: ACM Press).
- [Gong & Tuson(2007b)] Gong, T. & Tuson, A. L. (2007b). Enhanced forma analysis of permutation problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 923–930. (London: ACM Press).
- [Gonzales et al.(2007)Gonzales, Shimada, Mabu, Hirasawa, & Hu] Gonzales, E., Shimada, K., Mabu, S., Hirasawa, K., & Hu, J. (2007). Genetic network programming with parallel processing for association rule mining in large and dense databases. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1512–1512. (London: ACM Press).
- [Gonzalez & de Vega(2007)] Gonzalez, D. L. & de Vega, F. F. (2007). Dynamic populations and length evolution: key factors for analyzing fault tolerance on parallel genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1752–1752. (London: ACM Press).
- [Gotshall & Soule(2007)] Gotshall, S. P. & Soule, T. (2007). Stochastic training of a biologically plausible spino-neuromuscular system model. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 253–260. (London: ACM Press).
- [Graff et al.(2007)Graff, Poli, & Moraglio] Graff, M., Poli, R., & Moraglio, A. (2007). Linear selection. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B.

- Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1513–1513. (London: ACM Press).
- [Graham et al.(2007)Graham, Christensen, & Oppacher]
 Graham, L. K., Christensen, S., & Oppacher,
 F. (2007). A simple genetic algorithm for reducible complexity. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer,
 J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs,
 S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley,
 T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1514–1514. (London: ACM Press).
- [Grahl et al.(2007)Grahl, Bosman, & Minner] Grahl, J., Bosman, P. A. N., & Minner, S. (2007). Convergence phases, variance trajectories, and runtime analysis of continuous edas. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 516–522. (London: ACM Press).
- [Grajdeanu(2007)] Grajdeanu, A. (2007). Methods for open-box analysis in artificial development. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1005–1012. (London: ACM Press).
- [Greensmith & Aickelin(2007)] Greensmith, J. & Aickelin, U. (2007). Dendritic cells for syn scan detection. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 49–56. (London: ACM Press).
- [Grimme et al.(2007)Grimme, Lepping, & Papaspyrou] Grimme, C., Lepping, J., & Papaspyrou, A. (2007). Exploring the behavior of building blocks for multi-objective variation operator design using predator-prey dynamics. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 805–812. (London: ACM Press).
- [Gui et al.(2007)Gui, Das, & Pahwa] Gui, M., Das, S., & Pahwa, A. (2007). Procreating v-detectors for nonself recognition: an application to anomaly detection in power systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 261–268. (London: ACM Press).
- [Haddow & Hoye(2007)] Haddow, P. C. & Hoye, J. (2007). Achieving a simple development model for 3d shapes: are chemicals necessary? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1013–1020. (London: ACM Press).
- [Halavati et al.(2007a)Halavati, Shouraki, Heravi, & Jashmi] Halavati, R., Shouraki, S. B., Heravi, M. J., & Jashmi, B. J. (2007a). An artificial immune system with partially specified antibodies. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb,

- B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 57–62. (London: ACM Press).
- [Halavati et al.(2007b)Halavati, Shouraki, Jashmi, & Heravi] Halavati, R., Shouraki, S. B., Jashmi, B. J., & Heravi, M. J. (2007b). Symbiotic tabu search. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1515–1515. (London: ACM Press).
- [Halma & Turk(2007)] Halma, A. & Turk, R. (2007). Adaptive markov recombination. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1516–1516. (London: ACM Press).
- [Hamann & Ernst(2007)] Hamann, A. & Ernst, R. (2007). Efficient priority optimization in complex distributed embedded systems through search space adaptation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1517–1517. (London: ACM Press).
- [Hanada et al.(2007)Hanada, Hiroyasu, & Miki] Hanada, Y., Hiroyasu, T., & Miki, M. (2007). Genetic multi-step search in interpolation and extrapolation domain. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1242–1249. (London: ACM Press).
- [Hanna (2007)] Hanna, S. (2007). Defining implicit objective functions for design problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2013–2020. (London: ACM Press).
- [Harada et al.(2007)Harada, Sakuma, Kobayashi, & Ono] Harada, K., Sakuma, J., Kobayashi, S., & Ono, I. (2007). Uniform sampling of local pareto-optimal solution curves by pareto path following and its applications in multi-objective ga. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 813–820. (London: ACM Press).
- [Harding et al.(2007)Harding, Miller, & Banzhaf] Harding, S. L., Miller, J. F., & Banzhaf, W. (2007). Self-modifying cartesian genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1021–1028. (London: ACM Press).
- [Harman & Tratt(2007)] Harman, M. & Tratt, L. (2007). Pareto optimal search based refactoring at the design level. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1106–1113. (London: ACM Press).

- [Hauschild et al.(2007)Hauschild, Pelikan, Lima, & Sastry] Hauschild, M., Pelikan, M., Lima, C. F., & Sastry, K. (2007). Analyzing probabilistic models in hierarchical boa on traps and spin glasses. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 523–530. (London: ACM Press).
- [He & Zhou(2007)] He, J. & Zhou, Y. (2007). A comparison of gas using penalizing infeasible solutions and repairing infeasible solutions on restrictive capacity knapsack problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1518–1518. (London: ACM Press).
- [Heien et al.(2007)Heien, Hiroyasu, & Fujimoto] Heien, E. M., Hiroyasu, T., & Fujimoto, N. (2007).
 Investigation of mutation operators for the bayesian optimization algorithm. In GECCO '07:
 Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens,
 H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr,
 T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O.
 Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 625–625. (London: ACM Press).
- [Hengjie et al.(2007)Hengjie, Chunyan, & Zhiqi] Hengjie, S., Chunyan, M., & Zhiqi, S. (2007). Fuzzy cognitive map learning based on multi-objective particle swarm optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 339–339. (London: ACM Press).
- [Hidalgo et al.(2007)Hidalgo, de Vega, Lanchares, & Lombrana] Hidalgo, J. I., de Vega, F. F., Lanchares, J., & Lombrana, D. (2007). Is the island model fault tolerant? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1519–1519. (London: ACM Press).
- [Hippolyte et al.(2007)Hippolyte, Bloch, Chatonnay, Espanet, & Chamagne] Hippolyte, J.-L., Bloch, C., Chatonnay, P., Espanet, C., & Chamagne, D. (2007). A self-adaptive multiagent evolutionary algorithm for electrical machine design. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1250–1255. (London: ACM Press).
- [Hiroyasu et al.(2007)Hiroyasu, Yoshii, & Miki] Hiroyasu, T., Yoshii, K., & Miki, M. (2007). Discussion of parallel model of multi-objective genetic algorithms on heterogeneous computational resources. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 904–904. (London: ACM Press).
- [Hirsch et al.(2007)Hirsch, Hirsch, & Saeedi] Hirsch, L., Hirsch, R., & Saeedi, M. (2007). Evolving lucene search queries for text classification. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1604–1611. (London: ACM Press).

- [Ho & Tay(2007)] Ho, N. B. & Tay, J. C. (2007). Using evolutionary computation and local search to solve multi-objective flexible job shop problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 821–828. (London: ACM Press).
- [Horn(2007)] Horn, J. (2007). Optimal nesting of species for exact cover of resources: two against many. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 448–455. (London: ACM Press).
- [Hoverstad(2007)] Hoverstad, B. A. (2007). Revisiting the personal satellite assistant: neuroevolution with a modified enforced sub-populations algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2021–2028. (London: ACM Press).
- [Hsieh et al.(2007)Hsieh, Chen, & ping Chen] Hsieh, C.-T., Chen, C.-M., & ping Chen, Y. (2007). Particle swarm guided evolution strategy. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 650–657. (London: ACM Press).
- [Hung et al.(2007)Hung, ping Chen, & Zan] Hung, P.-C., ping Chen, Y., & Zan, H. W. (2007). Characteristic determination for solid state devices with evolutionary computation: a case study. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2029–2036. (London: ACM Press).
- [Hwang et al.(2007)Hwang, Kim, & Moon] Hwang, I., Kim, Y.-H., & Moon, B.-R. (2007). Overcoming barriers by a cluster-moving genetic algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1520–1520. (London: ACM Press).
- [Iclanzan & Dumitrescu(2007)] Iclanzan, D. & Dumitrescu, D. (2007). Overcoming hierarchical difficulty by hill-climbing the building block structure. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1256–1263. (London: ACM Press).
- [Isaacs et al.(2007)Isaacs, Foo, & Meyer-Baese] Isaacs, J. C., Foo, S., & Meyer-Baese, A. (2007).
 Evolutionary computation-based kernel optimal component analysis for pattern recognition. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2258–2258. (London: ACM Press).
- [Ishibuchi et al.(2007)Ishibuchi, Nojima, Tsukamoto, & Ohara] Ishibuchi, H., Nojima, Y., Tsukamoto, N., & Ohara, K. (2007). Effects of the use of non-geometric binary crossover on evolutionary

- multiobjective optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 829–836. (London: ACM Press).
- [Jackson(2007)] Jackson, D. (2007). Hierarchical genetic programming based on test input subsets. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1612–1619. (London: ACM Press).
- [Jansen & Theile(2007)] Jansen, T. & Theile, M. (2007). Stability in the self-organized evolution of networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 931–938. (London: ACM Press).
- [Jansen & Weyland(2007)] Jansen, T. & Weyland, D. (2007). Analysis of evolutionary algorithms for the longest common subsequence problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 939–946. (London: ACM Press).
- [Jaros et al.(2007)Jaros, Ohlidal, & Dvorak] Jaros, J., Ohlidal, M., & Dvorak, V. (2007). An evolutionary approach to collective communication scheduling. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2037–2044. (London: ACM Press).
- [Jaskowski et al.(2007a)Jaskowski, Krawiec, & Wieloch] Jaskowski, W., Krawiec, K., & Wieloch, B. (2007a). Genetic programming for cross-task knowledge sharing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1620–1627. (London: ACM Press).
- [Jaskowski et al.(2007b)Jaskowski, Krawiec, & Wieloch] Jaskowski, W., Krawiec, K., & Wieloch, B. (2007b). Knowledge reuse in genetic programming applied to visual learning. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1790–1797. (London: ACM Press).
- [Jenabi et al.(2007)Jenabi, Torabi, & Mansouri] Jenabi, M., Torabi, S. A., & Mansouri, S. A. (2007). A hybrid ga for a supply chain production planning problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2045–2052. (London: ACM Press).
- [Johnson(2007)] Johnson, C. G. (2007). A genetic algorithm for coverage problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr,

- T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1521–1521. (London: ACM Press).
- [Johnson et al.(2007)Johnson, Tauritz, & Wilkerson] Johnson, M. D., Tauritz, D. R., & Wilkerson, R. W. (2007). Sndl-moea: stored non-domination level moea. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 837–844. (London: ACM Press).
- [Joost & Salomon(2007)] Joost, R. & Salomon, R. (2007). High quality offset printing: an evolutionary approach. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2053–2058. (London: ACM Press).
- [Jursa(2007)] Jursa, R. (2007). Variable selection for wind power prediction using particle swarm optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2059–2065. (London: ACM Press).
- [Kabli et al.(2007)Kabli, Herrmann, & McCall] Kabli, R., Herrmann, F., & McCall, J. (2007). A chain-model genetic algorithm for bayesian network structure learning. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1264–1271. (London: ACM Press).
- [Kassahun et al.(2007)Kassahun, Edgington, Metzen, Sommer, & Kirchner] Kassahun, Y., Edgington, M., Metzen, J. H., Sommer, G., & Kirchner, F. (2007). A common genetic encoding for both direct and indirect encodings of networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1029–1036. (London: ACM Press).
- [Keedwell & Narayanan(2007)] Keedwell, E. & Narayanan, A. (2007). Gene finding and rule discovery with a multi-objective neural-genetic hybrid. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 428–428. (London: ACM Press).
- [Keller & Poli(2007)] Keller, R. E. & Poli, R. (2007). Linear genetic programming of metaheuristics. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1753–1753. (London: ACM Press).
- [Khan et al.(2007a)Khan, Naeem, & Shah] Khan, A. A., Naeem, M., & Shah, S. I. (2007a). A particle swarm algorithm for symbols detection in wideband spatial multiplexing systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr,

- T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 63–69. (London: ACM Press).
- [Khan et al.(2007b)Khan, Miller, & Halliday] Khan, G. M., Miller, J. F., & Halliday, D. M. (2007b). Coevolution of intelligent agents using cartesian genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 269–276. (London: ACM Press).
- [Kharbat et al.(2007)Kharbat, Bull, & Odeh] Kharbat, F., Bull, L., & Odeh, M. (2007). Mining breast cancer data with xcs. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2066–2073. (London: ACM Press).
- [Khor(2007)] Khor, S. (2007). Hill climbing on discrete hiff: exploring the role of dna transposition in long-term artificial evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 277–284. (London: ACM Press).
- [Kim(2007)] Kim, D. (2007). A quantitative analysis of memory requirement and generalization performance for robotic tasks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 285–292. (London: ACM Press).
- [Kim et al.(2007)Kim, Aggarwal, O'Reilly, & Medard] Kim, M., Aggarwal, V., O'Reilly, U.-M., & Medard, M. (2007). A doubly distributed genetic algorithm for network coding. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1272–1279. (London: ACM Press).
- [Kimbrough & Wood(2007)] Kimbrough, S. O. & Wood, D. H. (2007). On repair by binary interpolation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1522–1522. (London: ACM Press).
- [Kiper et al.(2007)Kiper, Feather, & Richardson] Kiper, J. D., Feather, M. S., & Richardson, J. (2007). Optimizing the v&v process for critical systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1139–1139. (London: ACM Press).
- [Kirley & Stewart(2007)] Kirley, M. & Stewart, R. (2007). An analysis of the effects of population structure on scalable multiobjective optimization problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 845–852. (London: ACM Press).

- [Kleeman et al.(2007)Kleeman, Lamont, Hopkinson, & Graham] Kleeman, M. P., Lamont, G. B., Hopkinson, K. M., & Graham, S. R. (2007). Multiobjective evolutionary algorithms for designing capacitated network centric communications. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 905–905. (London: ACM Press).
- [Klein & Spector(2007)] Klein, J. & Spector, L. (2007). Unwitting distributed genetic programming via asynchronous javascript and xml. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1628–1635. (London: ACM Press).
- [Knight & Lunacek(2007)] Knight, J. N. & Lunacek, M. (2007). Reducing the space-time complexity of the cma-es. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 658–665. (London: ACM Press).
- [Knoester et al.(2007)Knoester, McKinley, & Ofria] Knoester, D. B., McKinley, P. K., & Ofria, C. A. (2007). Using group selection to evolve leadership in populations of self-replicating digital organisms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 293–300. (London: ACM Press).
- [Koduru et al.(2007a)Koduru, Das, & Welch] Koduru, P., Das, S., & Welch, S. M. (2007a). Multi-objective hybrid pso using µ-fuzzy dominance. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 853–860. (London: ACM Press).
- [Koduru et al.(2007b)Koduru, Welch, & Das] Koduru, P., Welch, S. M., & Das, S. (2007b). A particle swarm optimization approach for estimating parameter confidence regions. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 70–77. (London: ACM Press).
- [Kowaliw et al.(2007)Kowaliw, Grogono, & Kharma] Kowaliw, T., Grogono, P., & Kharma, N. (2007). Environment as a spatial constraint on the growth of structural form. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1037–1044. (London: ACM Press).
- [Kowall & Krent(2007)] Kowall, C. A. & Krent, B. J. (2007). A simulation of evolved autotrophic reproduction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 340–340. (London: ACM Press).
- [Koza et al.(2007)Koza, Al-Sakran, Jones, & Manassero] Koza, J. R., Al-Sakran, S. H., Jones, L. W., & Manassero, G. (2007). Automated synthesis of a fixed-length loaded symmetric dipole antenna

- whose gain exceeds that of a commercial antenna and matches the theoretical maximum. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2074–2081. (London: ACM Press).
- [Kramer et al.(2007a)Kramer, Brügger, & Lazovic] Kramer, O., Brügger, S., & Lazovic, D. (2007a). Sex and death: towards biologically inspired heuristics for constraint handling. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 666–673. (London: ACM Press).
- [Kramer et al.(2007b)Kramer, Gloger, & Goebels] Kramer, O., Gloger, B., & Goebels, A. (2007b). An experimental analysis of evolution strategies and particle swarm optimisers using design of experiments. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 674–681. (London: ACM Press).
- [Kramer & Koch(2007)] Kramer, O. & Koch, P. (2007). Self-adaptive partially mapped crossover. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1523–1523. (London: ACM Press).
- [Küçükural et al.(2007)Küçükural, Yeniterzi, Yeniterzi, & Sezerman] Küçükural, A., Yeniterzi, R., Yeniterzi, S., & Sezerman, O. U. (2007). Evolutionary selection of minimum number of features for classification of gene expression data using genetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 401–406. (London: ACM Press).
- [Kumar & Singh(2007)] Kumar, R. & Singh, P. K. (2007). On quality performance of heuristic and evolutionary algorithms for biobjective minimum spanning trees. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2259–2259. (London: ACM Press).
- [Lai et al.(2007)Lai, Ting, & Ko] Lai, C.-C., Ting, C.-K., & Ko, R.-S. (2007). An effective genetic algorithm for improving wireless sensor network lifetime. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2260–2260. (London: ACM Press).
- [Lakhotia et al.(2007)Lakhotia, Harman, & McMinn] Lakhotia, K., Harman, M., & McMinn, P. (2007). A multi-objective approach to search-based test data generation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1098–1105. (London: ACM Press).

- [Lam et al.(2007)Lam, Nicolaevna, & Quan] Lam, H. T., Nicolaevna, P. N., & Quan, N. T. M. (2007). A heuristic particle swarm optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 174–174. (London: ACM Press).
- [Lange & Mancoridis(2007)] Lange, R. C. & Mancoridis, S. (2007). Using code metric histograms and genetic algorithms to perform author identification for software forensics. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2082–2089. (London: ACM Press).
- [Lanzi et al.(2007)Lanzi, Butz, & Goldberg] Lanzi, P. L., Butz, M. V., & Goldberg, D. E. (2007). Empirical analysis of generalization and learning in xcs with gradient descent. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1814–1821. (London: ACM Press).
- [Lanzi & Loiacono(2007)] Lanzi, P. L. & Loiacono, D. (2007). Classifier systems that compute action mappings. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1822–1829. (London: ACM Press).
- [Latham et al.(2007)Latham, Shaw, Todd, & Leymarie] Latham, W., Shaw, M., Todd, S., & Leymarie, F. F. (2007). Using dna to generate 3d organic art forms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 429–429. (London: ACM Press).
- [Lavagna(2007)] Lavagna, M. R. (2007). Multi-objective pso for interplanetary trajectory design. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 175–175. (London: ACM Press).
- [Lee et al.(2007)Lee, Choi, & Moon] Lee, J.-W., Choi, S.-S., & Moon, B.-R. (2007). An evolutionary keystroke authentication based on ellipsoidal hypothesis space. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2090–2097. (London: ACM Press).
- [León et al.(2007)León, Miranda, & Segura] León, C., Miranda, G., & Segura, C. (2007). Parallel skeleton for multi-objective optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 906–906. (London: ACM Press).
- [Li et al.(2007a)Li, Bhanu, & Krawiec] Li, R., Bhanu, B., & Krawiec, K. (2007a). Hybrid coevolutionary algorithms vs. svm algorithms. In GECCO '07: Proceedings of the 9th annual

- conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 456–463. (London: ACM Press).
- [Li et al.(2007b)Li, Bhanu, & Krawiec] Li, R., Bhanu, B., & Krawiec, K. (2007b). On the number of subpopulations in coevolutionary computation: a database application. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 489–489. (London: ACM Press).
- [Li(2007)] Li, X. (2007). A multimodal particle swarm optimizer based on fitness euclidean-distance ratio. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 78–85. (London: ACM Press).
- [Li et al.(2007c)Li, Branke, & Kirley] Li, X., Branke, J., & Kirley, M. (2007c). Performance measures and particle swarm methods for dynamic multi-objective optimization problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 907–907. (London: ACM Press).
- [Li & Goodman(2007)] Li, Z. & Goodman, E. D. (2007). Learning building block structure from crossover failure. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1280–1287. (London: ACM Press).
- [Li & Rudolph(2007)] Li, Z. & Rudolph, G. (2007). A framework of quantum-inspired multi-objective evolutionary algorithms and its convergence condition. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 908–908. (London: ACM Press).
- [Liaskos et al.(2007)Liaskos, Roper, & Wood] Liaskos, K., Roper, M., & Wood, M. (2007). Investigating data-flow coverage of classes using evolutionary algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1140–1140. (London: ACM Press).
- [Lichodzijewski & Heywood(2007)] Lichodzijewski, P. & Heywood, M. I. (2007). Pareto-coevolutionary genetic programming for problem decomposition in multi-class classification. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 464–471. (London: ACM Press).
- [Lim et al.(2007)Lim, Ong, Jin, & Sendhoff] Lim, D., Ong, Y.-S., Jin, Y., & Sendhoff, B. (2007). A study on metamodeling techniques, ensembles, and multi-surrogates in evolutionary computation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B.

- Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1288–1295. (London: ACM Press).
- [Lipinski(2007)] Lipinski, P. (2007). Ecga vs. boa in discovering stock market trading experts. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 531–538. (London: ACM Press).
- [Liu et al.(2007)Liu, Wang, Zhu, Bai, Zhang, & Liu] Liu, X., Wang, L., Zhu, X., Bai, Z., Zhang, M., & Liu, H. (2007). Fitness calculation approach for nested if-else construct in evolutionary testing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1141–1141. (London: ACM Press).
- [Llorà et al.(2007a)Llorà, Reddy, Matesic, & Bhargava] Llorà, X., Reddy, R., Matesic, B., & Bhargava, R. (2007a). Towards better than human capability in diagnosing prostate cancer using infrared spectroscopic imaging. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2098–2105. (London: ACM Press).
- [Llorà et al.(2007b)Llorà, Sastry, Yu, & Goldberg] Llorà, X., Sastry, K., Yu, T.-L., & Goldberg, D. E. (2007b). Do not match, inherit: fitness surrogates for genetics-based machine learning techniques. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1798–1805. (London: ACM Press).
- [Lockett et al.(2007)Lockett, Chen, & Miikkulainen] Lockett, A. J., Chen, C. L., & Miikkulainen, R. (2007). Evolving explicit opponent models in game playing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2106–2113. (London: ACM Press).
- [Loiacono et al.(2007)Loiacono, Marelli, & Lanzi] Loiacono, D., Marelli, A., & Lanzi, P. L. (2007). Support vector regression for classifier prediction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1806–1813. (London: ACM Press).
- [Looks(2007a)] Looks, M. (2007a). Meta-optimizing semantic evolutionary search. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 626–626. (London: ACM Press).
- [Looks(2007b)] Looks, M. (2007b). On the behavioral diversity of random programs. In GECCO '07:
 Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens,
 H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr,
 T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O.

- Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1636–1642. (London: ACM Press).
- [Looks(2007c)] Looks, M. (2007c). Scalable estimation-of-distribution program evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 539–546. (London: ACM Press).
- [Looks et al.(2007a)Looks, Goertzel, de Souza Coelho, Mudado, & Pennachin] Looks, M., Goertzel, B., de Souza Coelho, L., Mudado, M., & Pennachin, C. (2007a). Clustering gene expression data via mining ensembles of classification rules evolved using moses. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 407–414. (London: ACM Press).
- [Looks et al.(2007b)Looks, Goertzel, de Souza Coelho, Mudado, & Pennachin] Looks, M., Goertzel, B., de Souza Coelho, L., Mudado, M., & Pennachin, C. (2007b). Understanding microarray data through applying competent program evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 430–430. (London: ACM Press).
- [Lourenço & Horta(2007)] Lourenço, N. C. & Horta, N. C. (2007). Automatic analog ic layout generation based on a evolutionary computation approach. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2261–2261. (London: ACM Press).
- [Luke et al.(2007)Luke, Sharma, & Balan] Luke, S., Sharma, D., & Balan, G. C. (2007). Finding interesting things. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 86–93. (London: ACM Press).
- [Luna et al.(2007)Luna, Blum, Alba, & Nebro] Luna, F., Blum, C., Alba, E., & Nebro, A. J. (2007). Aco vs eas for solving a real-world frequency assignment problem in gsm networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 94–101. (London: ACM Press).
- [Lung & Dumitrescu(2007)] Lung, R. I. & Dumitrescu, D. (2007). A new evolutionary model for detecting multiple optima. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1296–1303. (London: ACM Press).
- [Luthi et al.(2007)Luthi, Tomassini, Giacobini, & Langdon] Luthi, L., Tomassini, M., Giacobini, M., & Langdon, W. B. (2007). The genetic programming collaboration network and its communities. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B.

- Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1643–1650. (London: ACM Press).
- [Ma et al.(2007)Ma, Wong, & Sankar] Ma, I., Wong, T., & Sankar, T. (2007). Volatility forecasting using time series data mining and evolutionary computation techniques. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2262–2262. (London: ACM Press).
- [Mabu et al.(2007)Mabu, Chen, Hirasawa, & Hu] Mabu, S., Chen, Y., Hirasawa, K., & Hu, J. (2007). Genetic network programming with actor-critic and its application to stock trading model. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2263–2263. (London: ACM Press).
- [Majeed & Ryan(2007a)] Majeed, H. & Ryan, C. (2007a). Context-aware mutation: a modular, context aware mutation operator for genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1651–1658. (London: ACM Press).
- [Majeed & Ryan(2007b)] Majeed, H. & Ryan, C. (2007b). On the constructiveness of context-aware crossover. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1659–1666. (London: ACM Press).
- [Mansouri et al.(2007)Mansouri, Hendizadeh, & Salmasi] Mansouri, S. A., Hendizadeh, S. H., & Salmasi, N. (2007). Bicriteria two-machine flowshop scheduling using metaheuristics. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 909–909. (London: ACM Press).
- [Manuel López-Ibá et al.(2007)Manuel López-Ibá Prasad, & Paechter] Manuel López-Ibá n., Prasad, T. D., & Paechter, B. (2007). Solving optimal pump control problem using max-min ant system. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 176–176. (London: ACM Press).
- [Mariano et al.(2007)Mariano, Alcocer, & Morales] Mariano, C. E., Alcocer, V. H., & Morales, E. F. (2007). Incremental refinement of solutions for multiple objective optimization problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 910–910. (London: ACM Press).
- [Martí et al.(2007)Martí, García, Berlanga, & Molina] Martí, L., García, J., Berlanga, A., & Molina, J. M. (2007). A cumulative evidential stopping criterion for multiobjective optimization

- evolutionary algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 911–911. (London: ACM Press).
- [Matake et al.(2007)Matake, Hiroyasu, Miki, & Senda] Matake, N., Hiroyasu, T., Miki, M., & Senda, T. (2007). Multiobjective clustering with automatic k-determination for large-scale data. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 861–868. (London: ACM Press).
- [Mattiussi et al.(2007)Mattiussi, Dürr, & Floreano] Mattiussi, C., Dürr, P., & Floreano, D. (2007). Center of mass encoding: a self-adaptive representation with adjustable redundancy for real-valued parameters. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1304–1311. (London: ACM Press).
- [Mazhar & Farooq(2007)] Mazhar, N. & Farooq, M. (2007). Vulnerability analysis and security framework (beesec) for nature inspired manet routing protocols. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 102–109. (London: ACM Press).
- [Mbogho & Scarlatos(2007)] Mbogho, A. J. W. & Scarlatos, L. L. (2007). Genetic parameter tuning for reliable segmentation of colored visual tags. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1525–1525. (London: ACM Press).
- [McCormack(2007)] McCormack, J. (2007). Artificial ecosystems for creative discovery. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 301–307. (London: ACM Press).
- [McCubbin et al.(2007)McCubbin, Scheidt, Bandte, Marshall, & Trifonov] McCubbin, C., Scheidt, D., Bandte, O., Marshall, S., & Trifonov, I. (2007). Using genetic algorithms for naval subsystem damage assessment and design improvements. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2114–2121. (London: ACM Press).
- [McNabb et al.(2007)McNabb, Monson, & Seppi] McNabb, A. W., Monson, C. K., & Seppi, K. D. (2007). Mrpso: Mapreduce particle swarm optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 177–177. (London: ACM Press).
- [Mehnen et al.(2007)Mehnen, Roy, Kersting, & Wagner] Mehnen, J., Roy, R., Kersting, P., & Wagner, T. (2007). Icspea: evolutionary five-axis milling path optimisation. In GECCO '07: Proceedings of

- the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2122–2128. (London: ACM Press).
- [Menolascina et al.(2007)Menolascina, Alves, Tommasi, Chiarappa, Delgado, Mastronardi, Paradiso, Freitas, & Bevilacqu Menolascina, F., Alves, R. T., Tommasi, S., Chiarappa, P., Delgado, M., Mastronardi, G., Paradiso, A., Freitas, A., & Bevilacqua, V. (2007). Induction of fuzzy rules with artificial immune systems in acgh based er status breast cancer characterization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 431–431. (London: ACM Press).
- [Merelo & Cotta(2007)] Merelo, J. J. & Cotta, C. (2007). Who is the best connected ec researcher? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1526–1526. (London: ACM Press).
- [Mierswa(2007)] Mierswa, I. (2007). Controlling overfitting with multi-objective support vector machines. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1830– 1837. (London: ACM Press).
- [Miki et al.(2007)Miki, Hashimoto, & Fujita] Miki, M., Hashimoto, M., & Fujita, Y. (2007). Program search with simulated annealing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1754–1754. (London: ACM Press).
- [Mills & Watson(2007)] Mills, R. & Watson, R. A. (2007). Variable discrimination of crossover versus mutation using parameterized modular structure. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1312–1319. (London: ACM Press).
- [Mitchell et al.(2007)Mitchell, McMullin, Decraene, & Kelly] Mitchell, G., McMullin, B., Decraene, J., & Kelly, C. (2007). Quality time tradeoff operator for designing efficient multi level genetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1527–1527. (London: ACM Press).
- [Mohais et al.(2007)Mohais, Mohais, Ward, & Posthoff] Mohais, A. S., Mohais, R., Ward, C., & Posthoff, C. (2007). Earthquake classifying neural networks trained with random dynamic neighborhood psos. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 110–117. (London: ACM Press).
- [Moore et al.(2007)Moore, Barney, & White] Moore, J. H., Barney, N., & White, B. C. (2007). Towards human-human-computer interaction for biologically-inspired problem-solving in human

- genetics. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 432–433. (London: ACM Press).
- [Moraglio & Togelius(2007)] Moraglio, A. & Togelius, J. (2007). Geometric particle swarm optimization for the sudoku puzzle. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 118–125. (London: ACM Press).
- [Mostaghim et al.(2007)Mostaghim, Branke, & Schmeck] Mostaghim, S., Branke, J., & Schmeck, H. (2007). Multi-objective particle swarm optimization on computer grids. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 869–875. (London: ACM Press).
- [Muntean et al.(2007)Muntean, Diosan, & Oltean] Muntean, O., Diosan, L., & Oltean, M. (2007). Best subtree genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1667–1673. (London: ACM Press).
- [Murphy & Ryan(2007)] Murphy, G. & Ryan, C. (2007). Seeding methods for run transferable libraries. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1755–1755. (London: ACM Press).
- [Nannen & Eiben(2007)] Nannen, V. & Eiben, A. E. (2007). Variance reduction in meta-eda. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 627–627. (London: ACM Press).
- [Nebro et al.(2007)Nebro, Alba, Molina, Chicano, Luna, & Durillo] Nebro, A. J., Alba, E., Molina, G., Chicano, F., Luna, F., & Durillo, J. J. (2007). Optimal antenna placement using a new multi-objective chc algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 876–883. (London: ACM Press).
- [Nguyen et al.(2007)Nguyen, Nguyen, & McKay] Nguyen, X. H., Nguyen, Q. U., & McKay, R. I. (2007). Pso with randomized low-discrepancy sequences. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 173–173. (London: ACM Press).
- [Nitschke et al.(2007)Nitschke, Schut, & Eiben] Nitschke, G. S., Schut, M. C., & Eiben, A. E. (2007). Collective specialization in multi-rover systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard,

- J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 342–342. (London: ACM Press).
- [Odeh et al.(2007)Odeh, Koduru, Das, Featherstone, & Welch] Odeh, O., Koduru, P., Das, S., Featherstone, A. M., & Welch, S. M. (2007). A multi-objective approach for the prediction of loan defaults. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2129–2136. (London: ACM Press).
- [O'Keeffe & Cinneide(2007)] O'Keeffe, M. K. & Cinneide, M. O. (2007). Getting the most from search-based refactoring. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1114–1120. (London: ACM Press).
- [Oranchak(2007)] Oranchak, D. (2007). Evolutionary synthesis of photographic artwork using human fitness function derived from web-based social networks. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2264–2264. (London: ACM Press).
- [Orriols-Puig et al.(2007a)Orriols-Puig, Goldberg, Sastry, & Bernadó-Mansilla] Orriols-Puig, A., Goldberg, D. E., Sastry, K., & Bernadó-Mansilla, E. (2007a). Modeling xcs in class imbalances: population size and parameter settings. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1838–1845. (London: ACM Press).
- [Orriols-Puig et al.(2007b)Orriols-Puig, Sastry, Lanzi, Goldberg, & Bernadó-Mansilla] Orriols-Puig, A., Sastry, K., Lanzi, P. L., Goldberg, D. E., & Bernadó-Mansilla, E. (2007b). Modeling selection pressure in xcs for proportionate and tournament selection. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1846–1853. (London: ACM Press).
- [Ottino-Loffler et al.(2007)Ottino-Loffler, Rand, & Wilensky] Ottino-Loffler, J., Rand, W., & Wilensky, U. (2007). A spatial model of the red queen effect. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 490–491. (London: ACM Press).
- [Pan et al.(2007)Pan, Tasgetiren, & Liang] Pan, Q.-Q., Tasgetiren, M. F., & Liang, Y.-C. (2007). A discrete differential evolution algorithm for the permutation flowshop scheduling problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 126–133. (London: ACM Press).
- [Paulden & Smith(2007)] Paulden, T. & Smith, D. K. (2007). Some novel locality results for the blob code spanning tree representation. In GECCO '07: Proceedings of the 9th annual conference

- on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1320–1327. (London: ACM Press).
- [Payne & Eppstein(2007a)] Payne, J. L. & Eppstein, M. J. (2007a). Takeover times on scale-free topologies. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 308–315. (London: ACM Press).
- [Payne & Eppstein(2007b)] Payne, J. L. & Eppstein, M. J. (2007b). Why your mates shouldn't date. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1528–1528. (London: ACM Press).
- [Pelikan & Hartmann(2007)] Pelikan, M. & Hartmann, A. K. (2007). Obtaining ground states of ising spin glasses via optimizing bonds instead of spins. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 628–628. (London: ACM Press).
- [Pelikan et al.(2007a)Pelikan, Kalapala, & Hartmann] Pelikan, M., Kalapala, R., & Hartmann, A. K. (2007a). Hybrid evolutionary algorithms on minimum vertex cover for random graphs. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 547–554. (London: ACM Press).
- [Pelikan & Laury, Jr.(2007)] Pelikan, M. & Laury, Jr., J. D. (2007). Order or not: does parallelization of model building in hboa affect its scalability? In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 555–561. (London: ACM Press).
- [Pelikan et al.(2007b)Pelikan, Tsutsui, & Kalapala] Pelikan, M., Tsutsui, S., & Kalapala, R. (2007b). Dependency trees, permutations, and quadratic assignment problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 629–629. (London: ACM Press).
- [Pellegrini & Moretti(2007)] Pellegrini, P. & Moretti, E. (2007). Quick-and-dirty ant colony optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 178–178. (London: ACM Press).
- [Perez-Bellido et al.(2007)Perez-Bellido, Salcedo-Sanz, Ortiz-Garcia, & Portilla-Figueras] Perez-Bellido, A. M., Salcedo-Sanz, S., Ortiz-Garcia, E. G., & Portilla-Figueras, A. (2007). A hybrid evolutionary programming algorithm for spread spectrum radar polyphase codes design. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation,

- D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 682–688. (London: ACM Press).
- [Peterson et al.(2007)Peterson, Lamont, Moore, & Marshall] Peterson, M. R., Lamont, G. B., Moore, F., & Marshall, P. (2007). Targeted filter evolution for improved image reconstruction resolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2137–2144. (London: ACM Press).
- [Petrovic(2007)] Petrovic, P. (2007). Strengths and weaknesses of fsa representation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 723–725. (London: ACM Press).
- [Pfeiffer & Rothlauf(2007)] Pfeiffer, J. & Rothlauf, F. (2007). Analysis of greedy heuristics and weight-coded eas for multidimensional knapsack problems and multi-unit combinatorial auctions. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1529–1529. (London: ACM Press).
- [Philemotte & Bersini(2007)] Philemotte, C. & Bersini, H. (2007). A gestalt genetic algorithm: less details for better search. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1328–1334. (London: ACM Press).
- [Piccand et al.(2007)Piccand, O'Neill, & Walker] Piccand, S., O'Neill, M., & Walker, J. (2007). Scalability of particle swarm algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 179–179. (London: ACM Press).
- [Poli & Broomhead(2007)] Poli, R. & Broomhead, D. (2007). Exact analysis of the sampling distribution for the canonical particle swarm optimiser and its convergence during stagnation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 134–141. (London: ACM Press).
- [Poli & Langdon(2007)] Poli, R. & Langdon, W. B. (2007). Markov chain models of bare-bones particle swarm optimizers. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 142–149. (London: ACM Press).
- [Poli & Vanneschi(2007)] Poli, R. & Vanneschi, L. (2007). Fitness-proportional negative slope coefficient as a hardness measure for genetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer,

- J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley,
- T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1335–1342. (London: ACM Press).
- [Pošík & Franc (2007)] Pošík, P. & Franc, V. (2007). Estimation of fitness landscape contours in eas. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 562–569. (London: ACM Press).
- [Powell & Hollingsworth(2007)] Powell, D. & Hollingsworth, J. (2007). A nsga-ii, web-enabled, parallel optimization framework for nlp and minlp. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2145–2150. (London: ACM Press).
- [Powers & Watson(2007)] Powers, S. T. & Watson, R. A. (2007). Preliminary investigations into the evolution of cooperative strategies in a minimally spatial model. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 343–343. (London: ACM Press).
- [Priesterjahn & Weimer (2007)] Priesterjahn, S. & Weimer, A. (2007). An evolutionary online adaptation method for modern computer games based on imitation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 344–345. (London: ACM Press).
- [Prugel-Bennett(2007)] Prugel-Bennett, A. (2007). Finding critical backbone structures with genetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1343–1348. (London: ACM Press).
- [Qiu et al.(2007)Qiu, Burns, Mukre, & Wu] Qiu, Q., Burns, D., Mukre, P., & Wu, Q. (2007). Hardware acceleration of multi-deme genetic algorithm for the application of dna codeword searching. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1349–1356. (London: ACM Press).
- [Quiroz et al.(2007)Quiroz, Louis, & Dascalu] Quiroz, J. C., Louis, S. J., & Dascalu, S. M. (2007). Interactive evolution of xul user interfaces. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2151–2158. (London: ACM Press).
- [Radi & El-Bakry(2007)] Radi, A. M. & El-Bakry, S. Y. (2007). Genetic programming approach for positron collisions with alkali-metal atom. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1756–1756. (London: ACM Press).

- [Ramirez & Hazan(2007)] Ramirez, R. & Hazan, A. (2007). Inducing a generative expressive performance model using a sequential-covering genetic algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2159–2166. (London: ACM Press).
- [Reichel & Skutella(2007)] Reichel, J. & Skutella, M. (2007). Evolutionary algorithms and matroid optimization problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 947–954. (London: ACM Press).
- [Reis & Fernandez Vega(2007)] Reis, G. & Fernandez Vega, F. (2007). Electronic synthesis using genetic algorithms for automatic music transcription. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1959–1966. (London: ACM Press).
- [Reisinger & Miikkulainen(2007)] Reisinger, J. & Miikkulainen, R. (2007). Acquiring evolvability through adaptive representations. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1045–1052. (London: ACM Press).
- [Ridge & Kudenko(2007a)] Ridge, E. & Kudenko, D. (2007a). Analyzing heuristic performance with response surface models: prediction, optimization and robustness. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 150–157. (London: ACM Press).
- [Ridge & Kudenko(2007b)] Ridge, E. & Kudenko, D. (2007b). Screening the parameters affecting heuristic performance. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 180–180. (London: ACM Press).
- [Rieffel et al.(2007)Rieffel, Lipson, & Valero-Cuevas] Rieffel, J., Lipson, H., & Valero-Cuevas, F. J. (2007). Growing form-filling tensegrity structures using map l-systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1063–1063. (London: ACM Press).
- [Rimcharoen et al.(2007)Rimcharoen, Sutivong, & Chongstitvatana] Rimcharoen, S., Sutivong, D., & Chongstitvatana, P. (2007). A synthesis of optimal stopping time in compact genetic algorithm based on real options approach. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 630–630. (London: ACM Press).
- [Rocha et al.(2007)Rocha, Mendes, Maia, Daniel Glez-Pe & Fdez-Riverola] Rocha, M., Mendes, R., Maia, P., Daniel Glez-Pe n., & Fdez-Riverola, F. (2007). A platform for the selection of genes in

- dna microarraydata using evolutionary algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 415–423. (London: ACM Press).
- [Rohlfshagen & Bullinaria(2007a)] Rohlfshagen, P. & Bullinaria, J. A. (2007a). Exga ii: an improved exonic genetic algorithm for the multiple knapsack problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1357–1364. (London: ACM Press).
- [Rohlfshagen & Bullinaria(2007b)] Rohlfshagen, P. & Bullinaria, J. A. (2007b). A genetic algorithm with exon shuffling crossover for hard bin packing problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1365–1371. (London: ACM Press).
- [Romero & Nino(2007)] Romero, A. & Nino, F. (2007). Keyword extraction using an artificial immune system. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 181–181. (London: ACM Press).
- [Rönkkönen & Lampinen(2007)] Rönkkönen, J. I. & Lampinen, J. (2007). An extended mutation concept for the local selection based differential evolution algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 689–696. (London: ACM Press).
- [Rossi et al.(2007)Rossi, Barrientos, & del Cerro] Rossi, C., Barrientos, A., & del Cerro, J. (2007). Two adaptive mutation operators for optima tracking in dynamic optimization problems with evolution strategies. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 697–704. (London: ACM Press).
- [Rotar et al.(2007)Rotar, Dumitrescu, & Lung] Rotar, C., Dumitrescu, D., & Lung, R. I. (2007). Guided hyperplane evolutionary algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 884–891. (London: ACM Press).
- [Sakuma & Kobayashi(2007)] Sakuma, J. & Kobayashi, S. (2007). A genetic algorithm for privacy preserving combinatorial optimization. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1372–1379. (London: ACM Press).
- [Salhi et al.(2007)Salhi, Rodríguez, & Zhang] Salhi, A., Rodríguez, J. A. V., & Zhang, Q. (2007). An estimation of distribution algorithm with guided mutation for a complex flow shop scheduling problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary

- computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 570–576. (London: ACM Press).
- [Sastry & Goldberg(2007)] Sastry, K. & Goldberg, D. E. (2007). Let's get ready to rumble redux: crossover versus mutation head to head on exponentially scaled problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1380–1387. (London: ACM Press).
- [Sastry et al.(2007a)Sastry, Goldberg, & Llora] Sastry, K., Goldberg, D. E., & Llora, X. (2007a). Towards billion-bit optimization via a parallel estimation of distribution algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 577–584. (London: ACM Press).
- [Sastry et al.(2007b)Sastry, Pelikan, & Goldberg] Sastry, K., Pelikan, M., & Goldberg, D. E. (2007b). Empirical analysis of ideal recombination on random decomposable problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1388–1395. (London: ACM Press).
- [Sato et al.(2007)Sato, Yasuda, & Goto] Sato, Y., Yasuda, Y., & Goto, R. (2007). Analysis of noisy time-series signals with ga involving viral infection with tropism. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1396–1403. (London: ACM Press).
- [Schmidt & Lipson(2007a)] Schmidt, M. & Lipson, H. (2007a). Comparison of tree and graph encodings as function of problem complexity. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1674–1679. (London: ACM Press).
- [Schmidt & Lipson(2007b)] Schmidt, M. D. & Lipson, H. (2007b). Learning noise. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1680–1685. (London: ACM Press).
- [Schonfeld(2007)] Schonfeld, J. (2007). A study of mutational robustness as the product of evolutionary computation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1404–1411. (London: ACM Press).
- [Schütze et al.(2007)Schütze, Laumanns, Tantar, Coello Coello, & ghazali Talbi] Schütze, O., Laumanns, M., Tantar, E., Coello Coello, C. A., & ghazali Talbi, E. (2007). Convergence of

- stochastic search algorithms to gap-free pareto front approximations. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 892–901. (London: ACM Press).
- [Schwarz et al.(2007)Schwarz, Jaros, & Ocenasek] Schwarz, J., Jaros, J., & Ocenasek, J. (2007). Migration of probabilistic models for island-based bivariate eda algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 631–631. (London: ACM Press).
- [Sekaj et al.(2007)Sekaj, Perkacz, & Palenik] Sekaj, I., Perkacz, J., & Palenik, T. (2007). Controller design based on genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2265–2265. (London: ACM Press).
- [Shafiq et al.(2007)Shafiq, Kiani, Hashmi, & Farooq] Shafiq, M. Z., Kiani, M., Hashmi, B., & Farooq, M. (2007). Extended thymus action for reducing false positives in ais based network intrusion detection systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 182–182. (London: ACM Press).
- [Shafti & Pérez(2007)] Shafti, L. S. & Pérez, E. (2007). Mdl-based fitness for feature construction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1875–1875. (London: ACM Press).
- [Shakya et al.(2007)Shakya, Oliveira, & Owusu] Shakya, S., Oliveira, F., & Owusu, G. (2007). An application of eda and ga to dynamic pricing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 585–592. (London: ACM Press).
- [Shankar et al.(2007)Shankar, Louis, Dascalu, Houmanfar, & Hayes] Shankar, A., Louis, S. J.,
 Dascalu, S., Houmanfar, R., & Hayes, L. J. (2007). Xcs for adaptive user-interfaces. In GECCO
 '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation,
 D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb,
 B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli,
 K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1876–1876.
 (London: ACM Press).
- [Shir & Bäck(2007a)] Shir, O. M. & Bäck, T. (2007a). Performance analysis of niching algorithms based on derandomized-es variants. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 705–712. (London: ACM Press).
- [Shir & Bäck(2007b)] Shir, O. M. & Bäck, T. (2007b). The second harmonic generation case-study as a gateway for es to quantum control problems. In GECCO '07: Proceedings of the 9th annual

- conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 713–721. (London: ACM Press).
- [Shir et al.(2007)Shir, Bäck, & Vrakking] Shir, O. M., Bäck, T., & Vrakking, M. J. J. (2007). On the scalability of evolution strategies in the optimization of dynamic molecular alignment. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2266–2266. (London: ACM Press).
- [Shirakawa et al.(2007)Shirakawa, Ogino, & Nagao] Shirakawa, S., Ogino, S., & Nagao, T. (2007). Graph structured program evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1686–1693. (London: ACM Press).
- [Smith(2007)] Smith, J. E. (2007). Credit assignment in adaptive memetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1412–1419. (London: ACM Press).
- [Smith & Bull(2007)] Smith, M. & Bull, L. (2007). Improving the human readability of features constructed by genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1694–1701. (London: ACM Press).
- [Smith & Jiang(2007)] Smith, R. E. & Jiang, M. K. (2007). Milcs: a mutual information learning classifier system. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1877–1877. (London: ACM Press).
- [Snyman & Kok(2007)] Snyman, J. A. & Kok, S. (2007). A strongly interacting dynamic particle swarm optimizational method. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 183–183. (London: ACM Press).
- [Solano & Jonyer(2007)] Solano, M. & Jonyer, I. (2007). Towards an optimal restart strategy for genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1757–1757. (London: ACM Press).
- [Sondahl & Rand(2007)] Sondahl, F. & Rand, W. (2007). Evolution of non-uniform cellular automata using a genetic algorithm: diversity and computation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs,

- S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1531–1531. (London: ACM Press).
- [Spector et al.(2007)Spector, Klein, & Feinstein] Spector, L., Klein, J., & Feinstein, M. (2007). Division blocks and the open-ended evolution of development, form, and behavior. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 316–323. (London: ACM Press).
- [Stanoyevitch(2007)] Stanoyevitch, A. (2007). Homogeneous genetic algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1532–1532. (London: ACM Press).
- [Stewart & Kirley(2007)] Stewart, R. L. & Kirley, M. (2007). Swarming with logic. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 184–184. (London: ACM Press).
- [Stoean et al.(2007)Stoean, Preuss, Stoean, & Dumitrescu] Stoean, C. L., Preuss, M., Stoean, R., & Dumitrescu, D. (2007). Disburdening the species conservation evolutionary algorithm of arguing with radii. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1420–1427. (London: ACM Press).
- [Stone et al.(2007)Stone, Toth, Adamatzky, de Lacy Costello, & Bull] Stone, C., Toth, R., Adamatzky, A., de Lacy Costello, B., & Bull, L. (2007). Towards the coevolution of cellular automata controllers for chemical computing with the b-z reaction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 472–478. (London: ACM Press).
- [Sullivan & Ryan(2007)] Sullivan, J. & Ryan, C. (2007). A destructive evolutionary process: a pilot implementation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2167–2173. (London: ACM Press).
- [Sullivan & Luke(2007)] Sullivan, K. M. & Luke, S. (2007). Evolving kernels for support vector machine classification. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1702–1707. (London: ACM Press).
- [Sutton et al.(2007)Sutton, Lunacek, & Whitley] Sutton, A. M., Lunacek, M., & Whitley, L. D. (2007). Differential evolution and non-separability: using selective pressure to focus search. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb,

- B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1428–1435. (London: ACM Press).
- [Swift et al.(2007)Swift, Tucker, Crampton, & Garway-Heath] Swift, S., Tucker, A., Crampton, J., & Garway-Heath, D. (2007). An improved restricted growth function genetic algorithm for the consensus clustering of retinal nerve fibre data. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2174–2181. (London: ACM Press).
- [Taboada et al.(2007)Taboada, Shimada, Mabu, Hirasawa, & Hu] Taboada, K., Shimada, K., Mabu, S., Hirasawa, K., & Hu, J. (2007). Association rule mining for continuous attributes using genetic network programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1758–1758. (London: ACM Press).
- [Tahera et al.(2007)Tahera, Ibrahim, & Lochert] Tahera, K., Ibrahim, R. N., & Lochert, P. B. (2007). Adopting dynamic operators in a genetic algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1533–1533. (London: ACM Press).
- [Tamee et al.(2007)Tamee, Bull, & Pinngern] Tamee, K., Bull, L., & Pinngern, O. (2007). Towards clustering with xcs. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1854–1860. (London: ACM Press).
- [Tasgetiren et al.(2007)Tasgetiren, Suganthan, & Pan] Tasgetiren, M. F., Suganthan, P. N., & Pan, Q.-Q. (2007). A discrete particle swarm optimization algorithm for the generalized traveling salesman problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 158–167. (London: ACM Press).
- [Tengg et al.(2007)Tengg, Klausner, & Rinner] Tengg, A., Klausner, A., & Rinner, B. (2007). An improved genetic algorithm for task allocation in distributed embedded systems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1534–1534. (London: ACM Press).
- [Terashima-Marin et al.(2007)Terashima-Marin, Zarate, Ross, & Valenzuela-Rendon] Terashima-Marin, H., Zarate, C. J. F., Ross, P., & Valenzuela-Rendon, M. (2007). Comparing two models to generate hyper-heuristics for the 2d-regular bin-packing problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2182–2189. (London: ACM Press).
- [Teytaud & Gelly(2007)] Teytaud, O. & Gelly, S. (2007). Dcma: yet another derandomization in covariance-matrix-adaptation. In GECCO '07: Proceedings of the 9th annual conference on

- Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 955–963. (London: ACM Press).
- [Thangavelu & Pradeep(2007)] Thangavelu, R. & Pradeep, S. (2007). An online implementable differential evolution tuned optimal guidance law. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2190–2194. (London: ACM Press).
- [Thierens et al.(2007)Thierens, Beyer, Bongard, Branke, Clark, Cliff, Congdon, Deb, Doerr, Kovacs, Kumar, Miller, Moo Thierens, D., Beyer, H.-G., Bongard, J., Branke, J., Clark, J. A., Cliff, D., Congdon, C. B., Deb, K., Doerr, B., Kovacs, T., Kumar, S., Miller, J. F., Moore, J., Neumann, F., Pelikan, M., Poli, R., Sastry, K., Stanley, K. O., Stutzle, T., Watson, R. A., & Wegener, I. eds. (2007). GECCO 2007: Proceedings of the 9th annual conference on Genetic and evolutionary computation, London, UK. ACM Press.
- [Thomason & Soule(2007)] Thomason, R. & Soule, T. (2007). Novel ways of improving cooperation and performance in ensemble classifiers. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1708–1715. (London: ACM Press).
- [Tiago Leit et al.(2007)Tiago Leit Pereira, Tavares, & Costa] Tiago Leit a., Pereira, F. B., Tavares, J., & Costa, E. (2007). Niching techniques: a study on the cluster geometry optimization problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1524–1524. (London: ACM Press).
- [Ting(2007)] Ting, C.-K. (2007). Multi-parent extension of edge recombination. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1535–1535. (London: ACM Press).
- [Togelius et al.(2007)Togelius, De Nardi, Marques, Newcombe, Lucas, & Holland] Togelius, J., De Nardi, R., Marques, H., Newcombe, R., Lucas, S. M., & Holland, O. (2007). Nonlinear dynamics modelling for controller evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 324–333. (London: ACM Press).
- [Toledo-Suárez et al.(2007)Toledo-Suárez, Valenzuela-Rendón, Terashima-Marín, & Uresti-Charre] Toledo-Suárez, C. D., Valenzuela-Rendón, M., Terashima-Marín, H., & Uresti-Charre, E. (2007). On the relativity in the assessment of blind optimization algorithms and the problem-algorithm coevolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1436–1443. (London: ACM Press).
- [Torres et al.(2007)Torres, Romero, Vasquez, & Ardila] Torres, S. R. D., Romero, D. C. B., Vasquez, L. F. N., & Ardila, Y. J. P. (2007). A novel ab-initio genetic-based approach for protein folding

- prediction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 393–400. (London: ACM Press).
- [Tran et al.(2007)Tran, Sanza, Duthen, & Nguyen] Tran, H. T., Sanza, C., Duthen, Y., & Nguyen, T. D. (2007). Xcsf with computed continuous action. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1861–1869. (London: ACM Press).
- [Tripp & Palmer(2007)] Tripp, H. & Palmer, P. (2007). Distribution replacement: how survival of the worst can out perform survival of the fittest. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1444–1451. (London: ACM Press).
- [Tucker et al.(2007)Tucker, Swift, & Crampton] Tucker, A., Swift, S., & Crampton, J. (2007). Efficiency updates for the restricted growth function ga for grouping problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1536–1536. (London: ACM Press).
- [Tufail & Ormsbee(2007)] Tufail, M. & Ormsbee, L. E. (2007). Genetic algorithms for water quality management in an urban watershed. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2267–2267. (London: ACM Press).
- [Turner & Tiwari(2007)] Turner, C. J. & Tiwari, A. (2007). An experimental evaluation of genetic process mining. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2268–2268. (London: ACM Press).
- [Urquhart (2007)] Urquhart, N. B. (2007). Carbon-friendly travel plan construction using an evolutionary algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2269–2269. (London: ACM Press).
- [Vanneschi et al.(2007) Vanneschi, Rochat, & Tomassini] Vanneschi, L., Rochat, D., & Tomassini, M. (2007). Multi-optimization improves genetic programming generalization ability. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1759–1759. (London: ACM Press).
- [Vieira & Fonseca(2007)] Vieira, C. C. & Fonseca, C. M. (2007). A unified model of optimisation problems. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary

- computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1537–1537. (London: ACM Press).
- [Vrajitoru(2007)] Vrajitoru, D. (2007). Hybrid multiobjective optimization genetic algorithms for graph drawing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 912–912. (London: ACM Press).
- [Wagner et al.(2007)Wagner, Michelitsch, & Sacharow] Wagner, T., Michelitsch, T., & Sacharow, A. (2007). On the design of optimisers for surface reconstruction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2195–2202. (London: ACM Press).
- [Walker & Miller (2007)] Walker, J. A. & Miller, J. F. (2007). Solving real-valued optimisation problems using cartesian genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1724–1730. (London: ACM Press).
- [Walker et al.(2007a)Walker, Edwards, & Messom] Walker, M., Edwards, H., & Messom, C. (2007a). The reliability of confidence intervals for computational effort comparisons. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1716–1723. (London: ACM Press).
- [Walker et al.(2007b)Walker, Edwards, & Messom] Walker, M., Edwards, H., & Messom, C. (2007b).
 "success effort"for performance comparisons. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1760–1760. (London: ACM Press).
- [Wang et al.(2007a)Wang, Sun, Jin, Fu, Liu, Chan, & Kao] Wang, C.-W., Sun, L.-M., Jin, M.-H., Fu, C.-J., Liu, L., Chan, C.-H., & Kao, C.-Y. (2007a). A genetic algorithm for resident physician scheduling problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2203–2210. (London: ACM Press).
- [Wang et al.(2007b)Wang, Jing, Li, & Chen] Wang, J., Jing, N., Li, J., & Chen, Z. H. (2007b). A multi-objective imaging scheduling approach for earth observing satellites. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2211–2218. (London: ACM Press).
- [Wang & Zhou(2007)] Wang, J. & Zhou, Y. (2007). Hybrid quantum particle swarm optimization algorithm for combinatorial optimization problem. In GECCO '07: Proceedings of the 9th annual

- conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 185–185. (London: ACM Press).
- [Watkins(2007)] Watkins, C. J. C. H. (2007). The channel capacity of evolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 964–965. (London: ACM Press).
- [Watson & Jansen(2007)] Watson, R. A. & Jansen, T. (2007). A building-block royal road where crossover is provably essential. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1452–1459. (London: ACM Press).
- [Wedge et al.(2007)Wedge, Gaskell, Hubbard, Kell, Lau, & Eyers] Wedge, D. C., Gaskell, S. J., Hubbard, S. J., Kell, D. B., Lau, K. W., & Eyers, C. (2007). Peptide detectability following esi mass spectrometry: prediction using genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2219–2225. (London: ACM Press).
- [Wickramasinghe et al.(2007)Wickramasinghe, van Steen, & Eiben] Wickramasinghe, W. R. M. U. K., van Steen, M., & Eiben, A. E. (2007). Peer-to-peer evolutionary algorithms with adaptive autonomous selection. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1460–1467. (London: ACM Press).
- [Wilke et al.(2007)Wilke, Kok, & Groenwold] Wilke, D. N., Kok, S., & Groenwold, A. A. (2007). Reference frame and scale invariant real-parameter genetic and differential evolution algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1538–1538. (London: ACM Press).
- [Wilson & Heywood(2007)] Wilson, G. & Heywood, M. (2007). Learning recursive programs with cooperative coevolution of genetic code mapping and genotype. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1053–1061. (London: ACM Press).
- [Windisch et al.(2007)Windisch, Wappler, & Wegener] Windisch, A., Wappler, S., & Wegener, J. (2007). Applying particle swarm optimization to software testing. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1121–1128. (London: ACM Press).
- [Wong & Zhang(2007)] Wong, P. L.-M. & Zhang, M. (2007). Numerical-node building block analysis of genetic programming with simplification. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard,

- J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1761–1761. (London: ACM Press).
- [Woolley & Peterson(2007)] Woolley, B. G. & Peterson, G. L. (2007). Genetic evolution of hierarchical behavior structures. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1731–1738. (London: ACM Press).
- [Wozniak(2007)] Wozniak, P. (2007). Dimensionality reduction in evolutionary multiobjective design: case study. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 913–915. (London: ACM Press).
- [Wu & Shapiro(2007)] Wu, H. & Shapiro, J. L. (2007). Parameter cross-validation and early-stopping in univariate marginal distribution algorithm. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 632–633. (London: ACM Press).
- [Wyns & Boullart(2007)] Wyns, B. & Boullart, L. (2007). Adaptive strategies for a semantically driven tree optimizer to control code growth. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1762–1762. (London: ACM Press).
- [Wyns et al.(2007)Wyns, Boullart, & De Smedt] Wyns, B., Boullart, L., & De Smedt, P. J. (2007). Limiting code growth to improve robustness in tree-based genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1763–1763. (London: ACM Press).
- [Xie et al.(2007a)Xie, Zhang, & Andreae] Xie, H., Zhang, M., & Andreae, P. (2007a). An analysis of constructive crossover and selection pressure in genetic programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1739–1748. (London: ACM Press).
- [Xie et al.(2007b)Xie, Zhang, & Andreae] Xie, H., Zhang, M., & Andreae, P. (2007b). Another investigation on tournament selection: modelling and visualisation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1468–1475. (London: ACM Press).
- [Yan & Clack(2007a)] Yan, W. & Clack, C. D. (2007a). Diverse committees vote for dependable profits. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan,

- R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2226–2233. (London: ACM Press).
- [Yan & Clack(2007b)] Yan, W. & Clack, C. D. (2007b). Evolving robust gp solutions for hedge fund stock selection in emerging markets. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2234–2241. (London: ACM Press).
- [Yo & de Jong(2007)] Yo, T.-S. & de Jong, E. D. (2007). A comparison of evaluation methods in coevolution. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 479–487. (London: ACM Press).
- [Yogev & Antonsson(2007)] Yogev, O. & Antonsson, E. K. (2007). Growth and development of continuous structures. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1064–1065. (London: ACM Press).
- [Yoon et al.(2007)Yoon, Kim, Moraglio, & Moon] Yoon, Y., Kim, Y.-H., Moraglio, A., & Moon, B.-R. (2007). Geometric crossovers for real-code representation. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1539–1539. (London: ACM Press).
- [Yu et al.(2007a)Yu, Zhou, Mabu, Hirasawa, Hu, & Markon] Yu, L., Zhou, J., Mabu, S., Hirasawa, K., Hu, J., & Markon, S. (2007a). Effects of passenger's arrival distribution to double-deck elevator group supervisory control systems using genetic network programming. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1476–1483. (London: ACM Press).
- [Yu et al.(2007b)Yu, Sastry, Goldberg, & Pelikan] Yu, T.-L., Sastry, K., Goldberg, D. E., & Pelikan, M. (2007b). Population sizing for entropy-based model building in discrete estimation of distribution algorithms. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 601–608. (London: ACM Press).
- [Zeng et al.(2007)Zeng, H, & Buus] Zeng, Y., H, J. C., & Buus, D. P. (2007). Swarmarchitect: a swarm framework for collaborative construction. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 186–186. (London: ACM Press).
- [Zhang et al.(2007)Zhang, Harman, & Mansouri] Zhang, Y., Harman, M., & Mansouri, S. A. (2007). The multi-objective next release problem. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F.

- Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 1129–1137. (London: ACM Press).
- [Zhou et al.(2007a)Zhou, Zhang, Jin, Sendhoff, & Tsang] Zhou, A., Zhang, Q., Jin, Y., Sendhoff, B., & Tsang, E. (2007a). Global multiobjective optimization via estimation of distribution algorithm with biased initialization and crossover. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 617–623. (London: ACM Press).
- [Zhou & Sun(2007)] Zhou, S. & Sun, Z. (2007). Matrix interpretation of generalized embedded landscape. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1540–1542. (London: ACM Press).
- [Zhou et al.(2007b)Zhou, Sun, & Heckendorn] Zhou, S., Sun, Z., & Heckendorn, R. B. (2007b). Extended probe method for linkage discovery over high-cardinality alphabets. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1484–1491. (London: ACM Press).
- [Zilinskas & Zilinskas(2007)] Zilinskas, A. & Zilinskas, J. (2007). Parallel genetic algorithm: assessment of performance in multidimensional scaling. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 1492–1501. (London: ACM Press).
- [Zinchenko et al.(2007)Zinchenko, Radecker, & Bisogno] Zinchenko, L., Radecker, M., & Bisogno, F. (2007). Multi-objective univariate marginal distribution optimisation of mixed analogue-digital signal circuits. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 2, pp. 2242–2251. (London: ACM Press).
- [Zuo(2007)] Zuo, X. (2007). Robust scheduling method based on workflow simulation model and biological immune principle. In GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation, D. Thierens, H.-G. Beyer, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. O. Stanley, T. Stutzle, R. A. Watson, & I. Wegener, eds., vol. 1, pp. 187–187. (London: ACM Press).