Список литературы

[ABA07]

Kamel Ayari, Salah Bouktif, and Giuliano Antoniol, Automatic mutation test input data generation via ant colony, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1074–1081.

[Abi07]

M. A. Abido, Two-level of nondominated solutions approach to multiobjective particle swarm optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 726–733.

[AC07a]

Enrique Alba and Francisco Chicano, *Acohg: dealing with huge graphs*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 10–17.

[AC07b]

______, Finding safety errors with aco, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1066–1073.

[ADK07]

Ajith Abraham, Swagatam Das, and Amit Konar, Kernel based automatic clustering using modified particle swarm optimization algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 2–9.

[AGF07]

Salem Fawaz Adra, Ian Griffin, and Peter J. Fleming, An informed convergence accelerator for evolutionary multiobjective optimiser, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 734–740.

[AGMT07]

Aristoklis D. Anastasiadis, George Georgoulas, George Magoulas, and Anthony Tzes, *Adaptive particle swarm optimizer with nonextensive schedule*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke,

John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 168–168.

[AL07]

Chun-Kit Au and Ho-Fung Leung, Guided mutations in cooperative coevolutionary algorithms for function optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 488–488.

[AM07]

Lourdes Araujo and Juan Julian Merelo, A genetic algorithm for dynamic modelling and prediction of activity in document streams, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1896–1903.

[And07]

Shin Ando, Heuristic speciation for evolving neural network ensemble, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1766–1773.

[AO07]

Varun Aggarwal and Una-May O'Reilly, Cosmo: a correlation sensitive mutation operator for multi-objective optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 741–748.

[AOF07]

Hernán Aguirre, Hiroyuki Okazaki, and Yasushi Fuwa, An evolutionary multiobjective approach to design highly non-linear boolean functions, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 749–756.

[AR07]

Chang Wook Ahn and R. S. Ramakrishna, *Multiobjective real-coded bayesian optimization algorithmrevisited: diversity preservation*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan,

Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 593–600.

[Arn07]

Dirk V. Arnold, On the use of evolution strategies for optimising certain positive definite quadratic forms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 634–641.

[ARR07]

Abir Alharbi, William Rand, and Rick Riolo, *The defined cliffs variant in dynamic environments: a case study using the shaky ladder hyperplane-defined functions*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1158–1164.

[ASC07]

oes Anabela Sim and Ernesto Costa, Vmea: studies on replacing strategies and diversity in dynamic environments, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1530–1530.

[AT07a]

Adrian Agogino and Kagan Tumer, Evolving distributed agents for managing air traffic, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1888–1895.

[AT07b]

Anne Auger and Olivier Teytaud, Continuous lunches are free!, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 916–922.

[AT07c]

Antonia Azzini and Andrea G. B. Tettamanzi, Automated trading on financial instruments with evolved neural networks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2252–2252.

[ATL07]

Alexandros Agapitos, Julian Togelius, and Simon Mark Lucas, Evolving controllers for simulated car racing using object oriented genetic programming, GECCO '07:

Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1543–1550.

 $[AWF^+07]$

Sofiane Achiche, Wei Wang, Zhun Fan, Ali Ozkil, Torben Sorensen, Jiachuan Wang, and Erik Goodman, Genetically generated double-level fuzzy controller with a fuzzy adjustment strategy, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1880–1887.

[BA07]

Menouar Boulif and Karim Atif, A fuzzy genetic algorithm for the dynamic cell formation problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1502–1502.

[BC07]

Renée C. Bryce and Charles J. Colbourn, One-test-at-a-time heuristic search for interaction test suites, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1082–1089.

[BCHD+07]

Ricardo Landa Becerra, Carlos A. Coello Coello, Alfredo G. Hernández-Díaz, Rafael Caballero, and Julián Molina, Alternative techniques to solve hard multi-objective optimization problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 757–754.

[BCT07]

Andrea Bazzoli, Giorgio Colombo, and Andrea G. B. Tettamanzi, *Ab initio protein structure prediction with a dipeptide-assembly evolutionary algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 424–424.

[BD07]

Emre H. Brookes and Borries Demeler, Parsimonious regularization using genetic algorithms applied to the analysis of analytical ultracentrifugation experiments, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary

computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 361–368.

[BEDP07]

Mohamed Bahy Bader-El-Den and Ricccardo Poli, A gp-based hyper-heuristic framework for evolving 3-sat heuristics, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1749–1749.

 $[BFH^{+}07]$

Dimo Brockhoff, Tobias Friedrich, Nils Hebbinghaus, Christian Klein, Frank Neumann, and Eckart Zitzler, *Do additional objectives make a problem harder?*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 765–772.

[BGR07]

Peter A. N. Bosman, Jörn Grahl, and Franz Rothlauf, Sdr: a better trigger for adaptive variance scaling in normal edas, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 492–499.

[BHKW07]

Edmund K. Burke, Matthew R. Hyde, Graham Kendall, and John Woodward, Automatic heuristic generation with genetic programming: evolving a jack-of-all-trades or a master of one, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1559–1565.

[BK07]

Nilanjan Banerjee and Rajeev Kumar, Multiobjective network design for realistic traffic models, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1904–1911.

[BKM07]

Gavin Brown, Tim Kovacs, and James A. R. Marshall, *Ucspv: principled voting in ucs rule populations*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F.

Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1774–1781.

[BL07]

Stefan Bird and Xiaodong Li, *Informative performance metrics for dynamic optimisation problems*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 18–25.

[BLS07]

Juergen Branke, Clemens Lode, and Jonathan L. Shapiro, Addressing sampling errors and diversity loss in umda, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 508–515.

[Bon07a]

Josh Bongard, Action-selection and crossover strategies for self-modeling machines, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 198–205.

[Bon07b]

______, Exploiting multiple robots to accelerate self-modeling, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 214–221.

[Bor07]

István Borgulya, An ec-memory based method for the multi-objective tsp, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 903–903.

[BP07a]

Bart Baddeley and Andrew Philippides, Bee slam: a probabilistic framework for studying orientation flights in bees and wasps, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 334–334.

[BP07b]

Peter A. N. Bosman and Han La Poutré, Learning and anticipation in online dynamic optimization with evolutionary algorithms: the stochastic case, GECCO

'07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1165–1172.

[BP07c]

Anthony Bucci and Jordan B. Pollack, *Thoughts on solution concepts*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 434–439.

[BR07a]

Khaled M. S. Badran and Peter I. Rockett, *The roles of diversity preservation and mutation in preventing population collapse in multiobjective genetic programming*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1551–1558.

[BR07b]

A. Rauf Baig and M. Rashid, *Honey bee foraging algorithm for multimodal & dynamic optimization problems*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 169–169.

[BR07c]

Breanna W. Bailey and Anne M. Raich, Interactive multi-objective design of long-span trusses, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 902–902.

[Bro07]

Nicolas Brodu, A framework for the emergence of intra-species mutual recognition patterns, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 336–336.

 $[BSH^{+}07]$

Jaume Bacardit, Michael Stout, Jonathan D. Hirst, Kumara Sastry, Xavier Llorà, and Natalio Krasnogor, Automated alphabet reduction method with evolutionary algorithms for protein structure prediction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark,

Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 346–353.

[BSSS07]

Leticia Bolzani, Ernesto Sanchez, Massimiliano Schillaci, and Giovanni Squillero, Coupling ea and high-level metrics for the automatic generation of test blocks for peripheral cores, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1912–1919.

[BT07]

Peter A. N. Bosman and Dirk Thierens, Adaptive variance scaling in continuous multi-objective estimation-of-distribution algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 500–507.

[BTHM07]

Joachim Becker, Stanis Trendelenburg, Fabian Henrici, and Yiannos Manoli, Synthesis of analog filters on an evolvable hardware platform using a genetic algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 190–197.

[BU07]

Larry Bull and Ivan S. Uroukov, *Initial results from the use of learning classifier systems to control in vitro neuronal networks*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 369–376.

[Bul07]

John A. Bullinaria, *The effect of learning on life history evolution*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 222–229.

[BZ07]

Stefan Bleuler and Eckart Zitzler, Discrimination of metabolic flux profiles using a hybrid evolutionary algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry,

Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 354–360.

[CAO07]

Manuel Cebrian, Manuel Alfonseca, and Alfonso Ortega, Automatic generation of benchmarks for plagiarism detection tools using grammatical evolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2253–2253.

[CC07]

Theodore Chiotis and Christopher D. Clack, Nonlinearity linkage detection for financial time series analysis, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1179–1186.

[CCT07]

Chwee Seng Choo, Ching Lian Chua, and Su-Han Victor Tay, Automated red teaming: a proposed framework for military application, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1936–1942.

[CD07]

Arturo Chavoya and Yves Duthen, *Use of a genetic algorithm to evolve an extended artificial regulatory network for cell pattern generation*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1062–1062.

[CF07]

Marisol B. Correia and Carlos M. Fonseca, On the roles of redundancy and neutrality in evolutionary optimization: an experimental study, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1504–1504.

[Che07]

Jian-Hung Chen, Simultaneous optimization of production planning and inspection planning for flexible manufacturing systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1928–1935.

[CHHY07]

Yang Chen, Jinglu Hu, Kotaro Hirasawa, and Songnian Yu, Gars: an improved genetic algorithm with reserve selection for global optimization, GECCO '07:

Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1173–1178.

[Chi07]

Darren M. Chitty, A data parallel approach to genetic programming using programmable graphics hardware, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1566–1573.

[CK07]

David W. Corne and Joshua D. Knowles, *Techniques for highly multiobjective optimisation: some nondominated points are better than others*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 773–780.

[CLL07]

Tak-Ming Chan, Kwong-Sak Leung, and Kin-Hong Lee, *Tfbs identification by position- and consensus-led genetic algorithm with local filtering*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 377–384.

[CMHH07]

Yan Chen, Shingo Mabu, Kotaro Hirasawa, and Jinglu Hu, Trading rules on stock markets using genetic network programming with sarsa learning, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1503–1503.

[CO07a]

Robert Cattral and Franz Oppacher, Discovering rules in the poker hand dataset, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1870–1870.

[CO07b]

Steffen Christensen and Franz Oppacher, Solving the artificial ant on the santa fe trail problem in 20,696 fitness evaluations, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk

Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1574–1579.

[CO07c]

Ronan Cummins and Colm O'Riordan, *Using genetic programming for information retrieval: local and global query expansion*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2255–2255.

[Con07]

Edgar Bermudez Contreras, A biologically inspired solution for an evolved simulated agent, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 206–213.

[COS07a]

Dara Curran, Colm O'Riordan, and Humphrey Sorensen, *The effects of lifetime learning on the diversity and fitness of populations*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 337–337.

[COS07b]

______, Self-adaptation of cultural learning parameters, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 338–338.

[CpC07a]

Chao-Hong Chen and Ying ping Chen, Real-coded ecga for economic dispatch, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1920–1927.

[CpC07b]

Hong-Wei Chen and Ying ping Chen, Introducing fault tolerance to xcs, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1871–1871.

[CR07]

Dan Costelloe and Conor Ryan, Towards models of user preferences in interactive musical evolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2254–2254.

[CS07a]

Steve Cayzer and Julie Sullivan, Modelling danger and anergy in artificial immune systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 26–32.

[CS07b]

David Jonathan Coffin and Robert Elliott Smith, Why is parity hard for estimation of distribution algorithms?, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 624–624.

[CSC07]

Kester Clegg, Susan Stepney, and Tim Clarke, *Using feedback to regulate gene expression in a developmental control architecture*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 966–973.

[CSXJ07]

Yunpeng Cai, Xiaomin Sun, Hua Xu, and Peifa Jia, Cross entropy and adaptive variance scaling in continuous eda, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 609–616.

[CWKD07]

Xinye Cai, Stephen M. Welch, Praveen Koduru, and Sanjoy Das, Discovering structures in gene regulatory networks using genetic programming and particle swarms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1750–1750.

[CWM07]

Janet Clegg, James Alfred Walker, and Julian Frances Miller, *A new crossover technique for cartesian genetic programming*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark,

Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1580–1587.

[DABB07]

Gregoire Danoy, Enrique Alba, Pascal Bouvry, and Matthias Brust, Optimal design of ad hoc injection networks by using genetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2256–2256.

[DAR07]

Federico Divina and Jesus S. Aguilar-Ruiz, A multi-objective approach to discover biclusters in microarray data, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 385–392.

[DB07]

Jan Drugowitsch and Alwyn M. Barry, *Mixing independent classifiers*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1596–1603.

[DBS07]

Alexandre Devert, Nicolas Bredeche, and Marc Schoenauer, Robust multi-cellular developmental design, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 982–989.

[DC07]

Jonathan Duke and Christopher D. Clack, *Using an evolutionary agent-based simulation to explore hedging pressure in futures markets*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2257–2257.

 $[DCE^+07]$

Massimiliano Di Penta, Gerardo Canfora, Gianpiero Esposito, Valentina Mazza, and Marcello Bruno, Search-based testing of service level agreements, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas

Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1090–1097.

 $[DCR^+07]$

Drew DeHaas, Jesse Craig, Colin Rickert, Margaret J. Eppstein, Paul Haake, and Kirsten Stor, Feature selection and classification in noisy epistatic problems using a hybrid evolutionary approach, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1872–1872.

[dDDLPF07]

Vinicius Veloso de Melo, Alexandre Claudio Botazzo Delbem, Junior Dorival Leao Pinto, and Fernando Marques Federson, *Improving global numerical optimization using a search-space reduction algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1195–1202.

[De 07]

Edwin D. De Jong, *Objective fitness correlation*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 440–447.

 $[dFG^{+}07]$

Telma Woerle de Lima, Rodrigo Antonio Faccioli, Paulo Henrique Ribeiro Gabriel, Alexandre Claudio Botazzo Delbem, and Ivan Nunes da Silva, Evolutionary approach to protein structure prediction with hydrophobic interactions, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 425–425.

[DJ07]

Benjamin Doerr and Daniel Johannsen, Adjacency list matchings: an ideal genotype for cycle covers, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1203–1210.

[DK07]

Kalyanmoy Deb and Abhishek Kumar, Interactive evolutionary multi-objective optimization and decision-making using reference direction method, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas

Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 781–788.

[DL07]

Hongbin Dong and Yiwen Liang, Genetic algorithms for large join query optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1211–1218.

[dM07]

Adrian A. de Freitas and Christopher B. Mayer, *The effectiveness of dynamic ant colony tuning*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 170–170.

[dMd07]

Bruno T. de Abreu, Eliane Martins, and Fabiano L. de Sousa, Generalized extremal optimization: an attractive alternative for test data generation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1138–1138.

[DNSW07]

Benjamin Doerr, Frank Neumann, Dirk Sudholt, and Carsten Witt, On the runtime analysis of the 1-ant aco algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 33–40.

[DO07]

Darren Doherty and Colm O'Riordan, A phenotypic analysis of gp-evolved team behaviours, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1951–1958.

[DORP07]

Laura Diosan, Mihai Oltean, Alexandrina Rogozan, and Jean Pierre Pecuchet, Genetically designed multiple-kernels for improving the sym performance, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1873–1873.

[Dow07]

Keith L. Downing, Supplementing evolutionary developmental systems with abstract models of neurogenesis, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 990–996.

[DP07]

Stephen Dignum and Riccardo Poli, Generalisation of the limiting distribution of program sizes in tree-based genetic programming and analysis of its effects on bloat, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1588–1595.

[DPD07]

Cecilia Di Chio, Riccardo Poli, and Paolo Di Chio, *Ecops: a particle swarm algorithm to model group-foraging*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 230–237.

[DS07]

David B. D'Ambrosio and Kenneth O. Stanley, A novel generative encoding for exploiting neural network sensor and output geometry, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 974–981.

[DSO07]

Kalyanmoy Deb, Karthik Sindhya, and Tatsuya Okabe, Self-adaptive simulated binary crossover for real-parameter optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1187–1194.

[DT07]

Mauro Dragoni and Andrea G. B. Tettamanzi, Evolutionary algorithms for reasoning in fuzzy description logics with fuzzy quantifiers, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1967–1974.

[DUO07]

Gül Nildem Demir, A. Sima Uyar, and Sule Gündüz Ögüdücü, Graph-based sequence clustering through multiobjective evolutionary algorithms for web recommender systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh

Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1943–1950.

[DW07]

Grzegorz Drzadzewski and Mark Wineberg, The effects of solution density in the search space on finding spatially robust solutions, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1505–1505.

[EALRC+07]

Anna I. Esparcia-Alcazar, Lidia Lluch-Revert, Manuel Cardos, Ken Sharman, and J. J. Merelo, Configuring an evolutionary tool for the inventory and transportation problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1975–1982.

[EBGH07]

Gusz Eiben, Joeri Bekker, Robert Griffioen, and Evert Haasdijk, Balancing quality and quantity in evolving agent systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 335–335.

[Ebn07]

Marc Ebner, Estimating the spectral sensitivity of a digital sensor using calibration targets, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 642–649.

[EL07]

Nicolás S. Estévez and Hod Lipson, Dynamical blueprints: exploiting levels of system-environment interaction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 238–244.

 $[ESv^+07]$

A. E. Eiben, Marc Schoenauer, D. W. F. van Krevelen, M. C. Hobbelman, M. A. ten Hagen, and R. C. van het Schip, *Autonomous selection in evolutionary algorithms*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley,

Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1506–1506.

[FBHK07]

Manuel Förster, Bettina Bickel, Bernd Hardung, and Gabriella Kókai, Self-adaptive ant colony optimisation applied to function allocation in vehicle networks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1991–1998.

[FBOO07]

Kai Fan, Anthony Brabazon, Conall O'Sullivan, and Michael O'Neill, Option pricing model calibration using a real-valued quantum-inspired evolutionary algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1983–1990.

[FDW07]

Frank D. Francone, Larry M. Deschaine, and Jeffrey J. Warren, Discrimination of munitions and explosives of concern at f.e. warren afb using linear genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1999–2006.

[FEB07]

Grazziela Patrocinio Figueredo, Nelson Favilla Ebecken, and Helio Correa Barbosa, Suppression based immune mechanism to find are presentative training set in data classification tasks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 171–171.

[FFGC07]

J. C. Ferreira, C. M. Fonseca, and A. Gaspar-Cunha, *Methodology to select solutions from the pareto-optimal set: a comparative study*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 789–796.

[FHN07a]

Tobias Friedrich, Nils Hebbinghaus, and Frank Neumann, Rigorous analyses of simple diversity mechanisms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry,

Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1219–1225.

[FHN+07b]

Tobias Friedrich, Nils Hebbinghaus, Frank Neumann, Jun He, and Carsten Witt, Approximating covering problems by randomized search heuristics using multi-objective models, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 797–804.

[FPS07]

Gianluigi Folino, Clara Pizzuti, and Giandomenico Spezzano, Streamgp: tracking evolving gp ensembles in distributed data streams using fractal dimension, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1751–1751.

[FR07]

Chrisantha Thomas Fernando and Jon Rowe, *Hebbian learning in a simple gene circuit*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 426–426.

[FRR07]

Carlos M. Fernandes, Agostinho C. Rosa, and Vitorino Ramos, *Binary ant algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 41–48.

[FTD07]

Magda Bahaa Eldin Fayek, Amira Samy Talaat, and Nevin Mahmoud Darwish, Generating classification trees for small disjuncts using incremental gas, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1507–1507.

[GA07]

Julie Greensmith and Uwe Aickelin, Dendritic cells for syn scan detection, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 49–56.

[GBM07]

Jörn Grahl, Peter A. N. Bosman, and Stefan Minner, Convergence phases, variance trajectories, and runtime analysis of continuous edas, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 516–522.

[GCF07]

Jose E. Gallardo, Carlos Cotta, and Antonio J. Fernandez, A memetic algorithm for the low autocorrelation binary sequence problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1226–1233.

[GCO07]

Lee K. Graham, Steffen Christensen, and Franz Oppacher, A simple genetic algorithm for reducible complexity, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1514–1514.

[Gd07]

Daniel Lombrana Gonzalez and Francisco Fernández de Vega, Dynamic populations and length evolution: key factors for analyzing fault tolerance on parallel genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1752–1752.

[GDH07]

Anca Gog, D. Dumitrescu, and Béat Hirsbrunner, Collaborative evolutionary algorithms for combinatorial optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1511–1511.

[GDP07]

Min Gui, Sanjoy Das, and Anil Pahwa, Procreating v-detectors for nonself recognition: an application to anomaly detection in power systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 261–268.

[GF07]

Juan Carlos Gomez and Olac Fuentes, *Using evolution strategies for automatic extraction of parameters for stellar population synthesis of galaxy spectra from sdss*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary

computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 722–722.

[GLP07a]

Edgar Galvan-Lopez and Riccardo Poli, *How and why a bit-wise neutrality with and without locality affects evolutionary search*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1508–1508.

[GLP07b]

Christian Grimme, Joachim Lepping, and Alexander Papaspyrou, Exploring the behavior of building blocks for multi-objective variation operator design using predator-prey dynamics, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 805–812.

[GLTL07]

Edgar Galvan-Lopez, Julian Togelius, and Simon Lucas, Towards understanding the effects of neutrality on the sudoku problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1509–1509.

[GNAC07]

José García-Nieto, Enrique Alba, and Francisco Chicano, *Using metaheuristic algorithms remotely via ros*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1510–1510.

[GNAJT07]

José García-Nieto, Enrique Alba, Laetitia Jourdan, and El-Ghazali Talbi, A comparison of pso and ga approaches for gene selection and classification of microarray data, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 427–427.

[GPM07]

Mario Graff, Riccardo Poli, and Alberto Moraglio, *Linear selection*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann,

Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1513–1513.

[GPP07]

Paolo Geremia, Mauro Poian, and Silvia Poles, Genetic optimization for yacht design, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2007–2012.

[Gra07]

Adrian Grajdeanu, Methods for open-box analysis in artificial development, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1005–1012.

[GS07a]

Zbysek Gajda and Lukas Sekanina, Reducing the number of transistors in digital circuits using gate-level evolutionary design, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 245–252.

[GS07b]

Jason Gauci and Kenneth Stanley, Generating large-scale neural networks through discovering geometric regularities, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 997–1004.

[GS07c]

Stanley Phillips Gotshall and Terence Soule, Stochastic training of a biologically plausible spino-neuromuscular system model, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 253–260.

 $[GSM^+07]$

Eloy Gonzales, Kaoru Shimada, Shingo Mabu, Kotaro Hirasawa, and Jinglu Hu, Genetic network programming with parallel processing for association rule mining in large and dense databases, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1512–1512.

[GSST07]

Christian Gagné, Michèle Sebag, Marc Schoenauer, and Marco Tomassini, Ensemble learning for free with evolutionary algorithms?, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1782–1789.

[GT07a]

Tao Gong and Andrew L Tuson, Binary particle swarm optimization: a forma analysis approach, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 172–172.

[GT07b]

Tao Gong and Andrew L. Tuson, Enhanced forma analysis of permutation problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 923–930.

[GW07]

Ozlem O. Garibay and Annie S. Wu, Analyzing the effects of module encapsulation on search space bias, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1234–1241.

[GYMS07]

Avinahs Gandhe, Ssu-Hsin Yu, Raman Mehra, and Robert E. Smith, Fused, multispectral automatic target recognition with xcs, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1874–1874.

[Han07]

Sean Hanna, Defining implicit objective functions for design problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2013–2020.

[HBC+07]

Jean-Laurent Hippolyte, Christelle Bloch, Pascal Chatonnay, Christophe Espanet, and Didier Chamagne, A self-adaptive multiagent evolutionary algorithm for electrical machine design, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates

Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1250–1255.

[HCpC07]

Chang-Tai Hsieh, Chih-Ming Chen, and Ying ping Chen, Particle swarm guided evolution strategy, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 650–657.

[HCZ07]

Song Hengjie, Miao Chunyan, and Shen Zhiqi, Fuzzy cognitive map learning based on multi-objective particle swarm optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 339–339.

[HdLL07]

J. Ignacio Hidalgo, Francisco Fernandez de Vega, Juan Lanchares, and Daniel Lombrana, *Is the island model fault tolerant?*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1519–1519.

[HE07]

Arne Hamann and Rolf Ernst, Efficient priority optimization in complex distributed embedded systems through search space adaptation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1517–1517.

[HH07]

Pauline C. Haddow and Johan Hoye, Achieving a simple development model for 3d shapes: are chemicals necessary?, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1013–1020.

[HHF07]

Eric M. Heien, Tomoyuki Hiroyasu, and Noriyuki Fujimoto, *Investigation of mutation operators for the bayesian optimization algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 625–625.

[HHM07]

Yoshiko Hanada, Tomoyuki Hiroyasu, and Mitsunori Miki, Genetic multi-step search in interpolation and extrapolation domain, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1242–1249.

[HHS07]

Laurence Hirsch, Robin Hirsch, and Masoud Saeedi, Evolving lucene search queries for text classification, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1604–1611.

[HKM07]

Inwook Hwang, Yong-Hyuk Kim, and Byung-Ro Moon, Overcoming barriers by a cluster-moving genetic algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1520–1520.

[HMB07]

Simon L. Harding, Julian F. Miller, and Wolfgang Banzhaf, Self-modifying cartesian genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1021–1028.

[Hor07]

Jeffrey Horn, Optimal nesting of species for exact cover of resources: two against many, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 448–455.

[Hov07]

Boye Annfelt Hoverstad, Revisiting the personal satellite assistant: neuroevolution with a modified enforced sub-populations algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2021–2028.

[HpCZ07]

Ping-Chu Hung, Ying ping Chen, and Hsiao Wen Zan, Characteristic determination for solid state devices with evolutionary computation: a case study, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin

Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2029–2036.

[HPLS07]

Mark Hauschild, Martin Pelikan, Claudio F. Lima, and Kumara Sastry, Analyzing probabilistic models in hierarchical boa on traps and spin glasses, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 523–530.

[HSHJ07]

Ramin Halavati, Saeed Bagheri Shouraki, Mojdeh Jalali Heravi, and Bahareh Jafari Jashmi, An artificial immune system with partially specified antibodies, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 57–62.

[HSJH07]

Ramin Halavati, Saeed Bagheri Shouraki, Bahareh Jafari Jashmi, and Mojdeh Jalali Heravi, Symbiotic tabu search, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1515–1515.

[HSKO07]

Ken Harada, Jun Sakuma, Shigenobu Kobayashi, and Isao Ono, Uniform sampling of local pareto-optimal solution curves by pareto path following and its applications in multi-objective ga, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 813–820.

[HT07a]

Arvid Halma and Remi Turk, Adaptive markov recombination, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1516–1516.

[HT07b]

Mark Harman and Laurence Tratt, Pareto optimal search based refactoring at the design level, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry,

Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1106–1113.

[HT07c]

Nhu Binh Ho and Joc Cing Tay, Using evolutionary computation and local search to solve multi-objective flexible job shop problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 821–828.

[HYM07]

Tomoyuki Hiroyasu, Kengo Yoshii, and Mitsunori Miki, Discussion of parallel model of multi-objective genetic algorithms on heterogeneous computational resources, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 904–904.

[HZ07]

Jun He and Yuren Zhou, A comparison of gas using penalizing infeasible solutions and repairing infeasible solutions on restrictive capacity knapsack problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1518–1518.

[ID07]

David Iclanzan and Dan Dumitrescu, Overcoming hierarchical difficulty by hill-climbing the building block structure, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1256–1263.

[IFMB07]

Jason C. Isaacs, Simon Foo, and Anke Meyer-Baese, Evolutionary computation-based kernel optimal component analysis for pattern recognition, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2258–2258.

[INTO07]

Hisao Ishibuchi, Yusuke Nojima, Noritaka Tsukamoto, and Ken Ohara, Effects of the use of non-geometric binary crossover on evolutionary multiobjective optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley,

Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 829–836.

[Jac07]

David Jackson, *Hierarchical genetic programming based on test input subsets*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1612–1619.

[JKW07a]

Wojciech Jaskowski, Krzysztof Krawiec, and Bartosz Wieloch, Genetic programming for cross-task knowledge sharing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1620–1627.

[JKW07b]

______, Knowledge reuse in genetic programming applied to visual learning, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1790–1797.

[JOD07]

Jiri Jaros, Milos Ohlidal, and Vaclav Dvorak, An evolutionary approach to collective communication scheduling, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2037–2044.

[Joh07]

Colin G. Johnson, A genetic algorithm for coverage problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1521–1521.

[JS07]

Ralf Joost and Ralf Salomon, *High quality offset printing: an evolutionary approach*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2053–2058.

[JT07]

Thomas Jansen and Madeleine Theile, Stability in the self-organized evolution of networks, GECCO '07: Proceedings of the 9th annual conference on Genetic

and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 931–938.

[JTM07]

Masoud Jenabi, S. Ali Torabi, and S. Afshin Mansouri, A hybrid ga for a supply chain production planning problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2045–2052.

[JTW07]

Matt D. Johnson, Daniel R. Tauritz, and Ralph W. Wilkerson, *Sndl-moea: stored non-domination level moea*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 837–844.

[Jur07]

René Jursa, Variable selection for wind power prediction using particle swarm optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2059–2065.

[JW07]

Thomas Jansen and Dennis Weyland, Analysis of evolutionary algorithms for the longest common subsequence problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 939–946.

[KAOM07]

Minkyu Kim, Varun Aggarwal, Una-May O'Reilly, and Muriel Medard, A doubly distributed genetic algorithm for network coding, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1272–1279.

[KASJM07]

John R. Koza, Sameer H. Al-Sakran, Lee W. Jones, and Greg Manassero, Automated synthesis of a fixed-length loaded symmetric dipole antenna whose gain exceeds that of a commercial antenna and matches the theoretical maximum, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann,

Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2074–2081.

[KBL07]

Oliver Kramer, Stephan Brügger, and Dejan Lazovic, Sex and death: towards biologically inspired heuristics for constraint handling, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 666–673.

[KBO07]

Faten Kharbat, Larry Bull, and Mohammed Odeh, *Mining breast cancer data with xcs*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2066–2073.

[KDW07]

Praveen Koduru, Sanjoy Das, and Stephen M. Welch, Multi-objective hybrid pso using µ-fuzzy dominance, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 853–860.

 $[KEM^+07]$

Yohannes Kassahun, Mark Edgington, Jan Hendrik Metzen, Gerald Sommer, and Frank Kirchner, A common genetic encoding for both direct and indirect encodings of networks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1029–1036.

[KFR07]

James D. Kiper, Martin S. Feather, and Julian Richardson, *Optimizing the v&v process for critical systems*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1139–1139.

[KGG07]

Oliver Kramer, Bartek Gloger, and Andreas Goebels, An experimental analysis of evolution strategies and particle swarm optimisers using design of experiments, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 674–681.

[KGK07]

Taras Kowaliw, Peter Grogono, and Nawwaf Kharma, Environment as a spatial constraint on the growth of structural form, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1037–1044.

[KHM07]

Ratiba Kabli, Frank Herrmann, and John McCall, A chain-model genetic algorithm for bayesian network structure learning, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1264–1271.

[Kho07]

Susan Khor, Hill climbing on discrete hiff: exploring the role of dna transposition in long-term artificial evolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 277–284.

[Kim07]

DaeEun Kim, A quantitative analysis of memory requirement and generalization performance for robotic tasks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 285–292.

[KK07a]

Correy A. Kowall and Brian J. Krent, A simulation of evolved autotrophic reproduction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 340–340.

[KK07b]

Oliver Kramer and Patrick Koch, Self-adaptive partially mapped crossover, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1523–1523.

[KL07]

James N. Knight and Monte Lunacek, Reducing the space-time complexity of the cma-es, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller,

Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 658–665.

[KLHG07]

Mark P. Kleeman, Gary B. Lamont, Kenneth M. Hopkinson, and Scott R. Graham, Multiobjective evolutionary algorithms for designing capacitated network centric communications, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 905–905.

[KMH07]

Gul Muhammad Khan, Julian Francis Miller, and David M. Halliday, Coevolution of intelligent agents using cartesian genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 269–276.

[KMO07]

David B. Knoester, Philip K. McKinley, and Charles A. Ofria, *Using group selection to evolve leadership in populations of self-replicating digital organisms*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 293–300.

[KN07]

Ed Keedwell and Ajit Narayanan, Gene finding and rule discovery with a multi-objective neural-genetic hybrid, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 428–428.

[KNS07]

Adnan Ahmed Khan, Muhammad Naeem, and Syed Ismail Shah, A particle swarm algorithm for symbols detection in wideband spatial multiplexing systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 63–69.

[KP07]

R. E. Keller and R. Poli, *Linear genetic programming of metaheuristics*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley,

Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1753–1753.

[KS07a]

Michael Kirley and Robert Stewart, An analysis of the effects of population structure on scalable multiobjective optimization problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 845–852.

[KS07b]

Jon Klein and Lee Spector, *Unwitting distributed genetic programming via asynchronous javascript and xml*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1628–1635.

[KS07c]

Rajeev Kumar and Pramod Kumar Singh, On quality performance of heuristic and evolutionary algorithms for biobjective minimum spanning trees, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2259–2259.

[KW07]

Steven Orla Kimbrough and David Harlan Wood, On repair by binary interpolation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1522–1522.

[KWD07]

Praveen Koduru, Stephen M. Welch, and Sanjoy Das, A particle swarm optimization approach for estimating parameter confidence regions, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 70–77.

[KYYS07]

Alper Küçükural, Reyyan Yeniterzi, Süveyda Yeniterzi, and O. Uğur Sezerman, Evolutionary selection of minimum number of features for classification of gene expression data using genetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 401–406.

[Lav07]

Michèle R. Lavagna, Multi-objective pso for interplanetary trajectory design, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 175–175.

[LBAN07]

Francisco Luna, Christian Blum, Enrique Alba, and Antonio J. Nebro, Aco vs eas for solving a real-world frequency assignment problem in gsm networks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 94–101.

[LBG07]

Pier Luca Lanzi, Martin V. Butz, and David E. Goldberg, Empirical analysis of generalization and learning in xcs with gradient descent, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1814–1821.

[LBK07a]

Rui Li, Bir Bhanu, and Krzysztof Krawiec, *Hybrid coevolutionary algorithms vs. svm algorithms*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 456–463.

[LBK07b]

______, On the number of subpopulations in coevolutionary computation: a database application, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 489–489.

[LBK07c]

Xiaodong Li, Juergen Branke, and Michael Kirley, Performance measures and particle swarm methods for dynamic multi-objective optimization problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 907–907.

[LCM07a]

Jae-Wook Lee, Sung-Soon Choi, and Byung-Ro Moon, An evolutionary keystroke authentication based on ellipsoidal hypothesis space, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk

Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2090–2097.

[LCM07b]

Alan J. Lockett, Charles L. Chen, and Risto Miikkulainen, Evolving explicit opponent models in game playing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2106–2113.

[LD07]

Rodica Ioana Lung and D. Dumitrescu, A new evolutionary model for detecting multiple optima, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1296–1303.

[LG07]

Zhenhua Li and Erik D. Goodman, Learning building block structure from crossover failure, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1280–1287.

 $[LGd^+07a]$

Moshe Looks, Ben Goertzel, Lucio de Souza Coelho, Mauricio Mudado, and Cassio Pennachin, Clustering gene expression data via mining ensembles of classification rules evolved using moses, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 407–414.

 $[LGd^+07b]$

______, Understanding microarray data through applying competent program evolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 430–430.

[LH07a]

Peter Lichodzijewski and Malcolm I. Heywood, Pareto-coevolutionary genetic programming for problem decomposition in multi-class classification, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas

Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 464–471.

[LH07b]

Nuno C. Lourenço and Nuno C. Horta, Automatic analog ic layout generation based on a evolutionary computation approach, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2261–2261.

[LHM07]

Kiran Lakhotia, Mark Harman, and Phil McMinn, A multi-objective approach to search-based test data generation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1098–1105.

[Li07]

Xiaodong Li, A multimodal particle swarm optimizer based on fitness euclidean-distance ratio, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 78–85.

[Lip07]

Piotr Lipinski, Ecga vs. boa in discovering stock market trading experts, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 531–538.

[LL07]

Pier Luca Lanzi and Daniele Loiacono, Classifier systems that compute action mappings, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1822–1829.

[LM07]

Robert Charles Lange and Spiros Mancoridis, *Using code metric histograms and genetic algorithms to perform author identification for software forensics*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2082–2089.

[LML07]

Daniele Loiacono, Andrea Marelli, and Pier Luca Lanzi, Support vector regression for classifier prediction, GECCO '07: Proceedings of the 9th annual conference

on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1806–1813.

[LMS07]

Coromoto León, Gara Miranda, and Carlos Segura, Parallel skeleton for multi-objective optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 906–906.

[LNQ07]

Hoang Thanh Lam, Popova Nina Nicolaevna, and Nguyen Thoi Minh Quan, A heuristic particle swarm optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 174–174.

[LOJS07]

Dudy Lim, Yew-Soon Ong, Yaochu Jin, and Bernhard Sendhoff, A study on metamodeling techniques, ensembles, and multi-surrogates in evolutionary computation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1288–1295.

[Loo07a]

Moshe Looks, Meta-optimizing semantic evolutionary search, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 626–626.

[Loo07b]

______, On the behavioral diversity of random programs, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1636–1642.

[Loo07c]

______, Scalable estimation-of-distribution program evolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas

Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 539–546.

[LR07]

Zhiyong Li and Guenter Rudolph, A framework of quantum-inspired multi-objective evolutionary algorithms and its convergence condition, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 908–908.

[LRMB07]

Xavier Llorà, Rohith Reddy, Brian Matesic, and Rohit Bhargava, Towards better than human capability in diagnosing prostate cancer using infrared spectroscopic imaging, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2098–2105.

[LRW07]

Konstantinos Liaskos, Marc Roper, and Murray Wood, *Investigating data-flow coverage of classes using evolutionary algorithms*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1140–1140.

[LSB07]

Sean Luke, Deepankar Sharma, and Gabriel Catalin Balan, Finding interesting things, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 86–93.

[LSTL07]

William Latham, Miki Shaw, Stephen Todd, and Frederic Fol Leymarie, *Using dna to generate 3d organic art forms*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 429–429.

[LSYG07]

Xavier Llorà, Kumara Sastry, Tian-Li Yu, and David E. Goldberg, *Do not match, inherit: fitness surrogates for genetics-based machine learning techniques*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1798–1805.

[LTGL07]

Leslie Luthi, Marco Tomassini, Mario Giacobini, and William B. Langdon, *The genetic programming collaboration network and its communities*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1643–1650.

[LTK07]

Chih-Chung Lai, Chuan-Kang Ting, and Ren-Song Ko, An effective genetic algorithm for improving wireless sensor network lifetime, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2260–2260.

 $[LWZ^+07]$

Xiyang Liu, Lei Wang, Xiubin Zhu, Zhiwen Bai, Miao Zhang, and Hehui Liu, Fitness calculation approach for nested if-else construct in evolutionary testing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1141–1141.

[MAM07]

Carlos Eduardo Mariano, Victor Hugo Alcocer, and Eduardo F. Morales, Incremental refinement of solutions for multiple objective optimization problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 910–910.

 $[MAT^{+}07]$

Filippo Menolascina, Roberto Teixeira Alves, Stefania Tommasi, Patrizia Chiarappa, Myriam Delgado, Giuseppe Mastronardi, Angelo Paradiso, Alex Freitas, and Vitoantonio Bevilacqua, Induction of fuzzy rules with artificial immune systems in acgh based er status breast cancer characterization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 431–431.

[MBS07]

Sanaz Mostaghim, Juergen Branke, and Hartmut Schmeck, *Multi-objective particle swarm optimization on computer grids*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 869–875.

[MBW07]

Jason H. Moore, Nate Barney, and Bill C. White, Towards human-human-computer interaction for biologically-inspired problem-solving in human genetics, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 432–433.

[MC07]

J. J. Merelo and Carlos Cotta, Who is the best connected ec researcher?, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1526–1526.

[McC07]

Jon McCormack, Artificial ecosystems for creative discovery, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 301–307.

[MCHH07]

Shingo Mabu, Yan Chen, Kotaro Hirasawa, and Jinglu Hu, Genetic network programming with actor-critic and its application to stock trading model, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2263–2263.

[MDF07]

Claudio Mattiussi, Peter Dürr, and Dario Floreano, Center of mass encoding: a self-adaptive representation with adjustable redundancy for real-valued parameters, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1304–1311.

[MDO07]

Oana Muntean, Laura Diosan, and Mihai Oltean, Best subtree genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1667–1673.

[MF07]

Nauman Mazhar and Muddassar Farooq, Vulnerability analysis and security framework (beesec) for nature inspired manet routing protocols, GECCO '07:

Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 102–109.

[MGBM07]

Luis Martí, Jesús García, Antonio Berlanga, and José Manuel Molina, A cumulative evidential stopping criterion for multiobjective optimization evolutionary algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 911–911.

[MHF07]

Mitsunori Miki, Masafumi Hashimoto, and Yoshihisa Fujita, Program search with simulated annealing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1754–1754.

[MHMS07]

Nobukazu Matake, Tomoyuki Hiroyasu, Mitsunori Miki, and Tomoharu Senda, Multiobjective clustering with automatic k-determination for large-scale data, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 861–868.

[MHS07]

S. Afshin Mansouri, S. Hamed Hendizadeh, and Nasser Salmasi, *Bicriteria two-machine flowshop scheduling using metaheuristics*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 909–909.

[Mie07]

Ingo Mierswa, Controlling overfitting with multi-objective support vector machines, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1830–1837.

[MLIPP07]

nez Manuel López-Ibá T. Devi Prasad, and Ben Paechter, Solving optimal pump control problem using max-min ant system, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark,

Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 176–176.

[MMDK07]

George Mitchell, Barry McMullin, James Decraene, and Ciaran Kelly, Quality time tradeoff operator for designing efficient multi level genetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1527–1527.

[MMS07]

Andrew W. McNabb, Christopher K. Monson, and Kevin D. Seppi, *Mrpso: Mapreduce particle swarm optimization*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 177–177.

[MMWP07]

Arvind S. Mohais, Rosemarie Mohais, Christopher Ward, and Christian Posthoff, Earthquake classifying neural networks trained with random dynamic neighborhood psos, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 110–117.

[MR07a]

Hammad Majeed and Conor Ryan, Context-aware mutation: a modular, context aware mutation operator for genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1651–1658.

[MR07b]

——, On the constructiveness of context-aware crossover, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1659–1666.

[MR07c]

Gearoid Murphy and Conor Ryan, Seeding methods for run transferable libraries, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley,

Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1755–1755.

[MRKW07]

Jörn Mehnen, Rajkumar Roy, Petra Kersting, and Tobias Wagner, *Icspea: evolutionary five-axis milling path optimisation*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2122–2128.

[MS07]

Audrey J. W. Mbogho and Lori L. Scarlatos, Genetic parameter tuning for reliable segmentation of colored visual tags, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1525–1525.

 $[MSB^{+}07]$

Christopher McCubbin, David Scheidt, Oliver Bandte, Steven Marshall, and Iavor Trifonov, *Using genetic algorithms for naval subsystem damage assessment and design improvements*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2114–2121.

[MT07]

Alberto Moraglio and Julian Togelius, Geometric particle swarm optimization for the sudoku puzzle, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 118–125.

[MW07]

Rob Mills and Richard A. Watson, Variable discrimination of crossover versus mutation using parameterized modular structure, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1312–1319.

[MWS07]

Irwin Ma, Tony Wong, and Thiagas Sankar, Volatility forecasting using time series data mining and evolutionary computation techniques, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2262–2262.

 $[\mathrm{NAM}^+07]$

Antonio J. Nebro, Enrique Alba, Guillermo Molina, Francisco Chicano, Francisco Luna, and Juan J. Durillo, *Optimal antenna placement using a new multi-objective*

chc algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 876–883.

[NE07]

Volker Nannen and A. E. Eiben, Variance reduction in meta-eda, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 627–627.

[NNM07]

Xuan H. Nguyen, Quang U. Nguyen, and Robert I. McKay, *Pso with randomized low-discrepancy sequences*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 173–173.

[NSE07]

G. S. Nitschke, M. C. Schut, and A. E. Eiben, *Collective specialization in multi-rover systems*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 342–342.

[OC07]

Mark Kent O'Keeffe and Mel O. Cinneide, Getting the most from search-based refactoring, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1114–1120.

 $[OKD^{+}07]$

Oluwarotimi Odeh, Praveen Koduru, Sanjoy Das, Allen M. Featherstone, and Stephen M. Welch, A multi-objective approach for the prediction of loan defaults, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2129–2136.

[OLRW07]

Jules Ottino-Loffler, William Rand, and Uri Wilensky, A spatial model of the red queen effect, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller,

Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 490–491.

[OPGSBM07]

Albert Orriols-Puig, David E. Goldberg, Kumara Sastry, and Ester Bernadó-Mansilla, *Modeling xcs in class imbalances: population size and parameter settings*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1838–1845.

 $[OPSL^+07]$

Albert Orriols-Puig, Kumara Sastry, Pier Luca Lanzi, David E. Goldberg, and Ester Bernadó-Mansilla, *Modeling selection pressure in xcs for proportionate and tournament selection*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1846–1853.

[Ora07]

David Oranchak, Evolutionary synthesis of photographic artwork using human fitness function derived from web-based social networks, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2264–2264.

[PB07a]

Christophe Philemotte and Hugues Bersini, A gestalt genetic algorithm: less details for better search, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1328–1334.

[PB07b]

Riccardo Poli and David Broomhead, Exact analysis of the sampling distribution for the canonical particle swarm optimiser and its convergence during stagnation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 134–141.

[PB07c]

Adam Prugel-Bennett, Finding critical backbone structures with genetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley,

Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1343–1348.

[PBSSOGPF07]

Angel M. Perez-Bellido, Sancho Salcedo-Sanz, Emilio G. Ortiz-Garcia, and Antonio Portilla-Figueras, A hybrid evolutionary programming algorithm for spread spectrum radar polyphase codes design, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 682–688.

[PE07a]

Joshua L. Payne and Margaret J. Eppstein, Takeover times on scale-free topologies, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 308–315.

[PE07b]

______, Why your mates shouldn't date, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1528–1528.

[Pet07]

Pavel Petrovic, Strengths and weaknesses of fsa representation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 723–725.

[PF07]

Petr Pošík and Vojtěch Franc, Estimation of fitness landscape contours in eas, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 562–569.

[PH07a]

Martin Pelikan and Alexander K. Hartmann, Obtaining ground states of ising spin glasses via optimizing bonds instead of spins, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 628–628.

[PH07b]

David Powell and Joel Hollingsworth, A nsga-ii, web-enabled, parallel optimization framework for nlp and minlp, GECCO '07: Proceedings of the 9th annual conference

on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2145–2150.

[PKH07]

Martin Pelikan, Rajiv Kalapala, and Alexander K. Hartmann, *Hybrid evolutionary algorithms on minimum vertex cover for random graphs*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 547–554.

[PL07a]

Martin Pelikan and James D. Laury, Jr., Order or not: does parallelization of model building in hboa affect its scalability?, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 555–561.

[PL07b]

Riccardo Poli and William B. Langdon, *Markov chain models of bare-bones particle swarm optimizers*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 142–149.

[PLMM07]

Michael R. Peterson, Gary B. Lamont, Frank Moore, and Patrick Marshall, Targeted filter evolution for improved image reconstruction resolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2137–2144.

[PM07]

Paola Pellegrini and Elena Moretti, Quick-and-dirty ant colony optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 178–178.

[POW07]

Sébastien Piccand, Michael O'Neill, and Jacqueline Walker, Scalability of particle swarm algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry,

Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 179–179.

[PR07]

Jella Pfeiffer and Franz Rothlauf, Analysis of greedy heuristics and weight-coded eas for multidimensional knapsack problems and multi-unit combinatorial auctions, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1529–1529.

[PS07]

Tim Paulden and David K. Smith, Some novel locality results for the blob code spanning tree representation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1320–1327.

[PTK07]

Martin Pelikan, Shigeyoshi Tsutsui, and Rajiv Kalapala, Dependency trees, permutations, and quadratic assignment problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 629–629.

[PTL07]

Quan-Qe Pan, Mehmet Fatih Tasgetiren, and Yun-Chia Liang, A discrete differential evolution algorithm for the permutation flowshop scheduling problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 126–133.

[PV07]

Riccardo Poli and Leonardo Vanneschi, Fitness-proportional negative slope coefficient as a hardness measure for genetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1335–1342.

[PW07a]

Simon T. Powers and Richard A. Watson, *Preliminary investigations into the evolution of cooperative strategies in a minimally spatial model*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 343–343.

[PW07b]

Steffen Priesterjahn and Alexander Weimer, An evolutionary online adaptation method for modern computer games based on imitation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 344–345.

[QBMW07]

Qinru Qiu, Daniel Burns, Prakash Mukre, and Qing Wu, Hardware acceleration of multi-deme genetic algorithm for the application of dna codeword searching, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1349–1356.

[QLD07]

Juan C. Quiroz, Sushil J. Louis, and Sergiu M. Dascalu, *Interactive evolution of xul user interfaces*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2151–2158.

[RB07a]

Philipp Rohlfshagen and John A. Bullinaria, Exga ii: an improved exonic genetic algorithm for the multiple knapsack problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1357–1364.

[RB07b]

_______, A genetic algorithm with exon shuffling crossover for hard bin packing problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1365–1371.

[RBd07]

Claudio Rossi, Antonio Barrientos, and Jaime del Cerro, Two adaptive mutation operators for optima tracking in dynamic optimization problems with evolution strategies, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 697–704.

[RDL07]

Corina Rotar, D. Dumitrescu, and Rodica Ioana Lung, *Guided hyperplane evolutionary algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer,

Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 884–891.

[REB07]

Amr M. Radi and Salah Yaseen El-Bakry, Genetic programming approach for positron collisions with alkali-metal atom, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1756–1756.

[RF07]

Gustavo Reis and Francisco Fernandez Vega, *Electronic synthesis using genetic algorithms for automatic music transcription*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1959–1966.

[RH07]

Rafael Ramirez and Amaury Hazan, Inducing a generative expressive performance model using a sequential-covering genetic algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2159–2166.

[RK07a]

Enda Ridge and Daniel Kudenko, Analyzing heuristic performance with response surface models: prediction, optimization and robustness, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 150–157.

[RK07b]

______, Screening the parameters affecting heuristic performance, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 180–180.

[RL07]

Jani Ilmari Rönkkönen and Jouni Lampinen, An extended mutation concept for the local selection based differential evolution algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 689–696.

[RLVC07]

John Rieffel, Hod Lipson, and Francisco J. Valero-Cuevas, *Growing form-filling tensegrity structures using map l-systems*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1063–1063.

[RM07]

Joseph Reisinger and Risto Miikkulainen, Acquiring evolvability through adaptive representations, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1045–1052.

 $[RMM^+07]$

Miguel Rocha, Rui Mendes, Paulo Maia, na Daniel Glez-Pe and Florentino Fdez-Riverola, A platform for the selection of genes in dna microarraydata using evolutionary algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 415–423.

[RN07]

Andres Romero and Fernando Nino, Keyword extraction using an artificial immune system, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 181–181.

[RS07]

Joachim Reichel and Martin Skutella, Evolutionary algorithms and matroid optimization problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 947–954.

[RSC07]

Sunisa Rimcharoen, Daricha Sutivong, and Prabhas Chongstitvatana, A synthesis of optimal stopping time in compact genetic algorithm based on real options approach, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 630–630.

[SB07a]

Ofer M. Shir and Thomas Bäck, *Performance analysis of niching algorithms based on derandomized-es variants*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg

Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 705–712.

[SB07b]

______, The second harmonic generation case-study as a gateway for es to quantum control problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 713–721.

[SB07c]

Matthew Smith and Larry Bull, Improving the human readability of features constructed by genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1694–1701.

[SBV07]

Ofer M. Shir, Thomas Bäck, and Marc J. J. Vrakking, On the scalability of evolution strategies in the optimization of dynamic molecular alignment, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2266–2266.

[Sch07]

Justin Schonfeld, A study of mutational robustness as the product of evolutionary computation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1404–1411.

[SG07]

Kumara Sastry and David E. Goldberg, Let's get ready to rumble redux: crossover versus mutation head to head on exponentially scaled problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1380–1387.

[SGL07]

Kumara Sastry, David E. Goldberg, and Xavier Llora, *Towards billion-bit optimization via a parallel estimation of distribution algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann,

Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 577–584.

[SJ07a]

Robert E. Smith and Max Kun Jiang, *Milcs: a mutual information learning classifier system*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1877–1877.

[SJ07b]

Michael Solano and Istvan Jonyer, Towards an optimal restart strategy for genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1757–1757.

[SJO07]

Josef Schwarz, Jiri Jaros, and Jiri Ocenasek, Migration of probabilistic models for island-based bivariate eda algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 631–631.

[SK07a]

Jun Sakuma and Shigenobu Kobayashi, A genetic algorithm for privacy preserving combinatorial optimization, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1372–1379.

[SK07b]

Jan A. Snyman and Schalk Kok, A strongly interacting dynamic particle swarm optimizational method, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 183–183.

[SK07c]

Robert L. Stewart and Michael Kirley, Swarming with logic, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 184–184.

[SKF07]

Lee Spector, Jon Klein, and Mark Feinstein, Division blocks and the open-ended evolution of development, form, and behavior, GECCO '07: Proceedings of the

9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 316–323.

[SKHF07]

M. Zubair Shafiq, Mehrin Kiani, Bisma Hashmi, and Muddassar Farooq, Extended thymus action for reducing false positives in ais based network intrusion detection systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 182–182.

[SL07a]

Michael Schmidt and Hod Lipson, Comparison of tree and graph encodings as function of problem complexity, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1674–1679.

[SL07b]

Michael D. Schmidt and Hod Lipson, Learning noise, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1680–1685.

[SL07c]

Keith M. Sullivan and Sean Luke, Evolving kernels for support vector machine classification, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1702–1707.

 $[SLD^+07]$

Anil Shankar, Sushil J. Louis, Sergiu Dascalu, Ramonah Houmanfar, and Linda J. Hayes, Xcs for adaptive user-interfaces, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1876–1876.

 $[SLT^+07]$

Oliver Schütze, Marco Laumanns, Emilia Tantar, Carlos A. Coello Coello, and El ghazali Talbi, Convergence of stochastic search algorithms to gap-free pareto front approximations, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry,

Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 892–901.

[SLW07]

Andrew M. Sutton, Monte Lunacek, and L. Darrell Whitley, Differential evolution and non-separability: using selective pressure to focus search, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1428–1435.

[Smi07]

J. E. Smith, Credit assignment in adaptive memetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1412–1419.

[SON07]

Shinichi Shirakawa, Shintaro Ogino, and Tomoharu Nagao, *Graph structured program evolution*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1686–1693.

[SOO07]

Siddhartha Shakya, Fernando Oliveira, and Gilbert Owusu, An application of eda and ga to dynamic pricing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 585–592.

[SP07]

Leila Shila Shafti and Eduardo Pérez, Mdl-based fitness for feature construction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1875–1875.

[SPG07]

Kumara Sastry, Martin Pelikan, and David E. Goldberg, Empirical analysis of ideal recombination on random decomposable problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1388–1395.

[SPP07]

Ivan Sekaj, Juraj Perkacz, and Tomas Palenik, Controller design based on genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic

and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2265–2265.

[SPSD07]

Catalin Liviu Stoean, Mike Preuss, Ruxandra Stoean, and Dumitru Dumitrescu, Disburdening the species conservation evolutionary algorithm of arguing with radii, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1420–1427.

[SR07a]

Forrest Sondahl and William Rand, Evolution of non-uniform cellular automata using a genetic algorithm: diversity and computation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1531–1531.

[SR07b]

Joe Sullivan and Conor Ryan, A destructive evolutionary process: a pilot implementation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2167–2173.

[SRZ07]

Abdellah Salhi, José Antonio Vázquez Rodríguez, and Qingfu Zhang, An estimation of distribution algorithm with guided mutation for a complex flow shop scheduling problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 570–576.

[Sta07a]

Alexander Stanoyevitch, Homogeneous genetic algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1532–1532.

[STA+07b]

Christopher Stone, Rita Toth, Andrew Adamatzky, Ben de Lacy Costello, and Larry Bull, Towards the coevolution of cellular automata controllers for chemical computing with the b-z reaction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon,

Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 472–478.

[STCGH07]

Stephen Swift, Allan Tucker, Jason Crampton, and David Garway-Heath, An improved restricted growth function genetic algorithm for the consensus clustering of retinal nerve fibre data, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2174–2181.

[SYG07]

Yuji Sato, Yuta Yasuda, and Ryuji Goto, Analysis of noisy time-series signals with ga involving viral infection with tropism, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1396–1403.

 $[TBB^+07]$

Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener (eds.), Gecco 2007: Proceedings of the 9th annual conference on genetic and evolutionary computation, London, UK, ACM Press, 7-11 July 2007.

[TBP07]

Kreangsak Tamee, Larry Bull, and Ouen Pinngern, Towards clustering with xcs, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1854–1860.

 $[TDM^+07]$

Julian Togelius, Renzo De Nardi, Hugo Marques, Richard Newcombe, Simon M. Lucas, and Owen Holland, *Nonlinear dynamics modelling for controller evolution*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 324–333.

[TG07]

Olivier Teytaud and Sylvain Gelly, *Dcma: yet another derandomization in covariance-matrix-adaptation*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 955–963.

[TIL07]

Khadiza Tahera, Raafat N. Ibrahim, and Paul B. Lochert, Adopting dynamic operators in a genetic algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1533–1533.

[Tin07]

Chuan-Kang Ting, Multi-parent extension of edge recombination, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1535–1535.

[TKR07]

Allan Tengg, Andreas Klausner, and Bernhard Rinner, An improved genetic algorithm for task allocation in distributed embedded systems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1534–1534.

[TLPTC07]

ao Tiago Leit Francisco B. Pereira, Jorge Tavares, and Ernesto Costa, Niching techniques: a study on the cluster geometry optimization problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1524–1524.

[TMZRVR07]

H. Terashima-Marin, C. J. Farias Zarate, P. Ross, and M. Valenzuela-Rendon, Comparing two models to generate hyper-heuristics for the 2d-regular bin-packing problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2182–2189.

[TO07]

Mohammad Tufail and Lindell E. Ormsbee, Genetic algorithms for water quality management in an urban watershed, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2267–2267.

[TP07a]

Raghunathan Thangavelu and S. Pradeep, An online implementable differential evolution tuned optimal guidance law, GECCO '07: Proceedings of the 9th annual

conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2190–2194.

[TP07b]

Howard Tripp and Phil Palmer, Distribution replacement: how survival of the worst can out perform survival of the fittest, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1444–1451.

[TRVA07]

Sergio Raul Duarte Torres, David Camilo Becerra Romero, Luis Fernando Nino Vasquez, and Yoan Jose Pinzon Ardila, A novel ab-initio genetic-based approach for protein folding prediction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 393–400.

[TS07]

Russell Thomason and Terence Soule, Novel ways of improving cooperation and performance in ensemble classifiers, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1708–1715.

[TSC07]

Allan Tucker, Stephen Swift, and Jason Crampton, Efficiency updates for the restricted growth function ga for grouping problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1536–1536.

[TSDN07]

Hau Trung Tran, Cédric Sanza, Yves Duthen, and Thuc Dinh Nguyen, *Xcsf with computed continuous action*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1861–1869.

 $[TSM^{+}07]$

Karla Taboada, Kaoru Shimada, Shingo Mabu, Kotaro Hirasawa, and Jinglu Hu, Association rule mining for continuous attributes using genetic network programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller,

Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1758–1758.

[TSP07]

Mehmet Fatih Tasgetiren, P. N. Suganthan, and Quan-Qe Pan, A discrete particle swarm optimization algorithm for the generalized traveling salesman problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmov Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 158–167.

[TSVRTMUC07] Carlos D. Toledo-Suárez, Manuel Valenzuela-Rendón, Hugo Terashima-Marín, and Eduardo Uresti-Charre, On the relativity in the assessment of blind optimization algorithms and the problem-algorithm coevolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmov Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1436–1443.

[TT07]

Chris J. Turner and Ashutosh Tiwari, An experimental evaluation of genetic process mining, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2268–2268.

[Urq07]

Neil B. Urquhart, Carbon-friendly travel plan construction using an evolutionary algorithm, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2269–2269.

[VF07]

Cristina C. Vieira and Carlos M. Fonseca, A unified model of optimisation problems, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1537–1537.

[Vra07]

Dana Vrajitoru, Hybrid multiobjective optimization genetic algorithms for graph drawing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 912-912.

[VRT07]

Leonardo Vanneschi, Denis Rochat, and Marco Tomassini, *Multi-optimization improves genetic programming generalization ability*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1759–1759.

[Wat07]

Chris J. C. H. Watkins, *The channel capacity of evolution*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 964–965.

[WB07]

Bart Wyns and Luc Boullart, Adaptive strategies for a semantically driven tree optimizer to control code growth, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1762–1762.

[WBD07]

Bart Wyns, Luc Boullart, and Pieter Jan De Smedt, Limiting code growth to improve robustness in tree-based genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1763–1763.

[WEM07a]

Matthew Walker, Howard Edwards, and Chris Messom, *The reliability of confidence intervals for computational effort comparisons*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1716–1723.

[WEM07b]

_______, "success effort" for performance comparisons, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1760–1760.

 $[WGH^{+}07]$

David C. Wedge, Simon J. Gaskell, Simon J. Hubbard, Douglas B. Kell, King Wai Lau, and Claire Eyers, *Peptide detectability following esi mass spectrometry:* prediction using genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev

Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2219–2225.

[WH07]

Garnett Wilson and Malcolm Heywood, Learning recursive programs with cooperative coevolution of genetic code mapping and genotype, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1053–1061.

[WJ07]

Richard A. Watson and Thomas Jansen, A building-block royal road where crossover is provably essential, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1452–1459.

[WJLC07]

Jun Wang, Ning Jing, Jun Li, and Zhong Hui Chen, A multi-objective imaging scheduling approach for earth observing satellites, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2211–2218.

[WKG07]

Daniel N. Wilke, Schalk Kok, and Albert A. Groenwold, Reference frame and scale invariant real-parameter genetic and differential evolution algorithms, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1538–1538.

[WM07]

James Alfred Walker and Julian Francis Miller, Solving real-valued optimisation problems using cartesian genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1724–1730.

[WMS07]

Tobias Wagner, Thomas Michelitsch, and Alexei Sacharow, On the design of optimisers for surface reconstruction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2195–2202.

[Woz07]

Piotr Wozniak, Dimensionality reduction in evolutionary multiobjective design: case study, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 913–915.

[WP07]

Brian G. Woolley and Gilbert L. Peterson, Genetic evolution of hierarchical behavior structures, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1731–1738.

[WS07]

Hao Wu and Jonathan L. Shapiro, *Parameter cross-validation and early-stopping in univariate marginal distribution algorithm*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 632–633.

 $[WSJ^+07]$

Chi-Way Wang, Lei-Ming Sun, Ming-Hui Jin, Chung-Jung Fu, Li Liu, Chen-Hsiung Chan, and Cheng-Yan Kao, A genetic algorithm for resident physician scheduling problem, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2203–2210.

[WvE07]

W. R. M. U. K. Wickramasinghe, M. van Steen, and A. E. Eiben, *Peer-to-peer evolutionary algorithms with adaptive autonomous selection*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1460–1467.

[WWW07]

Andreas Windisch, Stefan Wappler, and Joachim Wegener, Applying particle swarm optimization to software testing, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1121–1128.

[WZ07a]

Jiahai Wang and Yanlan Zhou, *Hybrid quantum particle swarm optimization algorithm for combinatorial optimization problem*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk

Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 185–185.

[WZ07b]

Phillip Lee-Ming Wong and Mengjie Zhang, Numerical-node building block analysis of genetic programming with simplification, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1761–1761.

[XZA07a]

Huayang Xie, Mengjie Zhang, and Peter Andreae, An analysis of constructive crossover and selection pressure in genetic programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1739–1748.

[XZA07b]

______, Another investigation on tournament selection: modelling and visualisation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1468–1475.

[YA07]

Or Yogev and Erik K. Antonsson, Growth and development of continuous structures, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1064–1065.

[YC07a]

Wei Yan and Christopher D. Clack, Diverse committees vote for dependable profits, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2226–2233.

[YC07b]

markets, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2234–2241.

[Yd07]

Ting-Shuo Yo and Edwin D. de Jong, A comparison of evaluation methods in coevolution, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 479–487.

[YKMM07]

Yourim Yoon, Yong-Hyuk Kim, Alberto Moraglio, and Byung-Ro Moon, Geometric crossovers for real-code representation, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1539–1539.

[YSGP07]

Tian-Li Yu, Kumara Sastry, David E. Goldberg, and Martin Pelikan, *Population sizing for entropy-based model building in discrete estimation of distribution algorithms*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 601–608.

 $[YZM^+07]$

Lu Yu, Jin Zhou, Shingo Mabu, Kotaro Hirasawa, Jinglu Hu, and Sandor Markon, Effects of passenger's arrival distribution to double-deck elevator group supervisory control systems using genetic network programming, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1476–1483.

[ZHB07]

Yifeng Zeng, Jorge Cordero H, and Dennis Plougman Buus, Swarmarchitect: a swarm framework for collaborative construction, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 186–186.

[ZHM07]

Yuanyuan Zhang, Mark Harman, and S. Afshin Mansouri, *The multi-objective next release problem*, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 1129–1137.

[ZRB07]

Lyudmila Zinchenko, Matthias Radecker, and Fabio Bisogno, *Multi-objective univariate marginal distribution optimisation of mixed analogue-digital signal circuits*, GECCO '07: Proceedings of the 9th annual conference on Genetic

and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 2242–2251.

[ZS07]

Shude Zhou and Zengqi Sun, Matrix interpretation of generalized embedded landscape, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1540–1542.

[ZSH07]

Shude Zhou, Zengqi Sun, and Robert B. Heckendorn, Extended probe method for linkage discovery over high-cardinality alphabets, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1484–1491.

[Zuo07]

Xingquan Zuo, Robust scheduling method based on workflow simulation model and biological immune principle, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 187–187.

[ZZ07]

Antanas Zilinskas and Julius Zilinskas, Parallel genetic algorithm: assessment of performance in multidimensional scaling, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 2, ACM Press, 7-11 July 2007, pp. 1492–1501.

 $[ZZJ^{+}07]$

Aimin Zhou, Qingfu Zhang, Yaochu Jin, Bernhard Sendhoff, and Edward Tsang, Global multiobjective optimization via estimation of distribution algorithm with biased initialization and crossover, GECCO '07: Proceedings of the 9th annual conference on Genetic and evolutionary computation (London) (Dirk Thierens, Hans-Georg Beyer, Josh Bongard, Jurgen Branke, John Andrew Clark, Dave Cliff, Clare Bates Congdon, Kalyanmoy Deb, Benjamin Doerr, Tim Kovacs, Sanjeev Kumar, Julian F. Miller, Jason Moore, Frank Neumann, Martin Pelikan, Riccardo Poli, Kumara Sastry, Kenneth Owen Stanley, Thomas Stutzle, Richard A Watson, and Ingo Wegener, eds.), vol. 1, ACM Press, 7-11 July 2007, pp. 617–623.