

## Список литературы

- [AB10a] Matthew A. Addicoat and Zoe E. Brain, *Using a meta-ga for parametric optimization of simple gas in the computational chemistry domain*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 823–824.
- [AB10b] Joshua E. Auerbach and Josh C. Bongard, *Evolving cppns to grow three-dimensional physical structures*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 627–634.
- [Abb10] Hazem M. Abbas, *Mixed-coded evolutionary algorithm for gaussian mixture maximum likelihood clustering with model selection*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 825–826.
- [ABE10] Douglas Adriano Augusto, Helio José Corrêa Barbosa, and Nelson Francisco Favilla Ebecken, *Coevolutionary multi-population genetic programming for data classification*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 933–940.
- [ABKN10] Mohammed Azmi Al-Betar, Ahamad Tajudin Khader, and Farhad Nadi, *Selection mechanisms in memory consideration for examination timetabling with harmony search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1203–1210.
- [AFSS10] Álvaro Fialho, Marc Schoenauer, and Michèle Sebag, *Toward comparison-based adaptive operator selection*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 767–774.

- [AH10a] Dirk V. Arnold and Nikolaus Hansen, *Active covariance matrix adaptation for the (1+1)-cma-es*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 385–392.
- [AH10b] Emrah Atilgan and Jianjun Hu, *Efficient protein-ligand docking using sustainable evolutionary algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 211–212.
- [Aha10] Dilip P. Ahalpara, *Improved forecasting of time series data of real system using genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 977–978.
- [AL10] Phillipa Avery and Sushil Louis, *Coevolving influence maps for spatial team tactics in a rts game*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 783–790.
- [AMR<sup>+</sup>10] Muhammad Jamal Afridi, Salman Manzoor, Umer Rasheed, Mariam Ahmed, and Kunwar Faraz, *Performance evaluation of evolutionary algorithms for road detection*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1331–1332.
- [AMS<sup>+</sup>10] Fernando Alonso, Loïc Martínez, Agustín Santamaría, Aurora Pérez, and Juan Pedro Valente, *Ggpp-based method for modeling time series: operator selection, parameter optimization and expert evaluation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 989–990.
- [ANOK10] Youhei Akimoto, Yuichi Nagata, Isao Ono, and Shigenobu Kobayashi, *Theoretical analysis of evolutionary computation on continuously differentiable functions*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary

- computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1401–1408.
- [AR10] R. Muhammad Atif Azad and Conor Ryan, *Abstract functions and lifetime learning in genetic programming for symbolic regression*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 893–900.
- [BAM10] Cruz E. Borges, Cesar L. Alonso, and Jose L. Montana, *Model selection in genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 985–986.
- [BBB10] André M.S. Barreto, Heder S. Bernardino, and Helio J.C. Barbosa, *Probabilistic performance profiles for the experimental evaluation of stochastic algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 751–758.
- [BCRM10] David F. Barrero, David Camacho, and María D. R-Moreno, *Confidence intervals of success rates in evolutionary computation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 975–976.
- [BF10] Karl Bringmann and Tobias Friedrich, *The maximum hypervolume set yields near-optimal approximation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 511–518.
- [BFBB10] Mohammad Behdad, Tim French, Luigi Barone, and Mohammed Bennamoun, *On the problems of using learning classifier systems for fraud detection*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor,

- Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1067–1068.
- [BFN10] Rudolf Berghammer, Tobias Friedrich, and Frank Neumann, *Set-based multi-objective optimization, indicators, and deteriorative cycles*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 495–502.
- [BH10a] Josh C. Bongard and Gregory S. Hornby, *Guarding against premature convergence while accelerating evolutionary search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 111–118.
- [BH10b] Jeremy B. Brown and Manfred Huber, *Pseudo-hierarchical ant-based clustering using a heterogeneous agent hierarchy and automatic boundary formation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 85–86.
- [BJ10] Justin Benjamin and Bryant A. Julstrom, *Breaking ties with secondary fitness in a genetic algorithm for the bin packing problem*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 657–664.
- [BK10] Petr Buryan and Jiří Kubalik, *Context-sensitive refinements for stochastic optimization algorithms in inductive logic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1071–1072.
- [Bos10] Peter A.N. Bosman, *The anticipated mean shift and cluster registration in mixture-based edas for multi-objective optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 351–358.
- [BSSV10] Jacques Bibai, Pierre Saveant, Marc Schoenauer, and Vincent Vidal, *On the generality of parameter tuning in evolutionary planning*, GECCO '10: Proceedings of the 12th

- annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 241–248.
- [BZJ10] Urvesh Bhowan, Mengjie Zhang, and Mark Johnston, *Auc analysis of the pareto-front using multi-objective gp for classification with unbalanced data*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 845–852.
- [CBM10] Brian D. Connelly, Benjamin E. Beckmann, and Philip K. McKinley, *Resource abundance promotes the evolution of public goods cooperation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 143–150.
- [CBMO10] Jeff Clune, Benjamin E. Beckmann, Philip K. McKinley, and Charles Ofria, *Investigating whether hyperneat produces modular neural networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 635–642.
- [CEH10] John Crofford, Brent E. Eskridge, and Dean F. Hougen, *Applying the triple parameter hypothesis to maintenance scheduling*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 799–806.
- [CFJ10] Dara Curran, Eugene Freuder, and Thomas Jansen, *Incremental evolution of local search heuristics*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 981–982.
- [CFL<sup>+</sup>10] Marco Ceriani, Fabrizio Ferrandi, Pier Luca Lanzi, Donatella Sciuto, and Antonino Tumeo, *Multiprocessor systems-on-chip synthesis using multi-objective evolutionary computation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens,

Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1267–1274.

- [CH10a] Benjamin P. Carlson and Dean F. Hougen, *Phenotype feedback genetic algorithm operators for heuristic encoding of snakes within hypercubes*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 791–798.
- [CH10b] Chung-Yao Chuang and Wen-Lian Hsu, *Multivariate multi-model approach for globally multimodal problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 311–318.
- [CHZ10] Ziyu Chen, Zhongshi He, and Cheng Zhang, *Particle swarm optimizer with self-adjusting neighborhoods*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 9–14.
- [CKM10] Yoon-Seok Choi, Bon-Ki Koo, and Byung-Ro Moon, *Optimization of an image set by genetic feature selection for real-time photomosaics*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1309–1310.
- [CLA10] Francisco Chicano, Gabriel Luque, and Enrique Alba, *Elementary landscape decomposition of the quadratic assignment problem*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1425–1432.
- [CRK10] Alexander P. Conrad, Robert S. Roos, and Gregory M. Kapfhammer, *Empirically studying the role of selection operators during search-based test suite prioritization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1373–1380.
- [CRMA<sup>+</sup>10] J. Manuel Colmenar, José L. Risco-Martín, David Atienza, Oscar Garnica, J. Ignacio Hidalgo, and Juan Lanchares, *Improving reliability of embedded systems through*

- dynamic memory manager optimization using grammatical evolution*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1227–1234.
- [CRZ10] Andreas M. Chwatal, Günther R. Raidl, and Michael Zöch, *Fitting multi-planet transit models to photometric time-data series by evolution strategies*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 377–384.
- [CT10] Jason E. Cook and Daniel R. Tauritz, *An exploration into dynamic population sizing*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 807–814.
- [CW10] Robert Collier and Mark Wineberg, *Approaches to multidimensional scaling for adaptive landscape visualization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 649–656.
- [dAGM10] Bernadete Maria de Mendonca Neta, Gustavo Henrique Diniz Araujo, Frederico Gadelha Guimaraes, and Renato Cardoso Mesquita, *A hybrid genetic algorithm for automatic graph drawing based on the topology-shape-metric approach*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 743–750.
- [DDG10] Frederick Ducatelle, Gianni A. Di Caro, and Luca M. Gambardella, *Cooperative self-organization in a heterogeneous swarm robotic system*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 87–94.
- [ddS10] Ricardo de A. Araújo, Adriano L.I. de Oliveira, and Sergio C.B. Soares, *A covariance matrix adaptation based evolutionary methodology for phase adjustment in financial time series forecasting*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke,

- Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1315–1316.
- [DES10] Erkan Doğan, Ferhat Erdal, and Mehmet Polat Saka, *Optimum design of grillage systems under code provisions using particle swarm optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 289–290.
- [DJ10] Benjamin Doerr and Daniel Johannsen, *Edge-based representation beats vertex-based representation in shortest path problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 759–766.
- [dLF10] Paulo S.G. de Mattos Neto, Aranildo R. Lima Junior, and Tiago A.E. Ferreira, *Time series forecasting using a perturbative intelligent system*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1477–1478.
- [DLN<sup>+</sup>10] D. Dumitrescu, Rodica Ioana Lung, Réka Nagy, Daniela Zaharie, and Attila Bartha, *Exploring evolutionary detected fuzzy equilibria: a link between normative theory and real life*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 539–540.
- [Dow10] Keith L. Downing, *The baldwin effect in developing neural networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 555–562.
- [DP10] Kalyanmoy Deb and Nikhil Padhye, *Development of efficient particle swarm optimizers by using concepts from evolutionary algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 55–62.



- [DSS<sup>+</sup>10] Stephano Di Carlo, Ernesto Sanchez, Alberto Scionti, Giovanni Squillero, Alberto Paolo Tonda, and Matteo Falasconi, *Towards drift correction in chemical sensors using an evolutionary strategy*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1329–1330.
- [DZB10] Carlton Downey, Mengjie Zhang, and Will N. Browne, *New crossover operators in linear genetic programming for multiclass object classification*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 885–892.
- [DZZ10] Roberto De Prisco, Gianluca Zaccagnino, and Rocco Zaccagnino, *Evobasscomposer: a multi-objective genetic algorithm for 4-voice compositions*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 817–818.
- [EAMGM<sup>+</sup>10] Anna I. Esparcia-Alcazár, Anaïs Martínez-García, Antonio M. Mora, J. J. Merelo, and Pablo García-Sánchez, *Genetic evolution of fuzzy finite state machines to control bots in a first-person shooter game*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 829–830.
- [EPV10] Ralph Evins, Philip Pointer, and Ravi Vaidyanathan, *Configuration of a genetic algorithm for multi-objective optimisation of solar gain to buildings*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1327–1328.
- [Fer10] Chrisantha Fernando, *Neuronal replicators solve the stability-plasticity dilemma*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 153–154.
- [FKB10] María A. Franco, Natalio Krasnogor, and Jaume Bacardit, *Speeding up the evaluation of evolutionary learning systems using gpgpus*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA)

- (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1039–1046.
- [FLFW10] Ethan Fast, Claire Le Gouse, Stephanie Forrest, and Westley Weimer, *Designing better fitness functions for automated program repair*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 965–972.
- [FP10] Francesco Folino and Clara Pizzuti, *Multiobjective evolutionary community detection for dynamic networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 535–536.
- [FS10] Blair Foster and Anil Somayaji, *Object-level recombination of commodity applications*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 957–964.
- [FVG<sup>+</sup>10] Antonella Farinaccio, Leonardo Vanneschi, Mario Giacobini, Giancarlo Mauri, and Paolo Provero, *On the use of genetic programming for the prediction of survival in cancer*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 163–170.
- [GAFC10] Wenying Gong, Álvaro Fialho, and Zhihua Cai, *Adaptive strategy selection in differential evolution*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 409–416.
- [GCS10] Aaron Garrett, Zizhong Chen, and Daniel Eric Smith, *Constructing numerically stable real number codes using evolutionary computation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael

- O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1163–1170.
- [GKO10] Heather J. Goldsby, David B. Knoester, and Charles Ofria, *Evolution of division of labor in genetically homogenous groups*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 135–142.
- [GLMOB10] Edgar Galván-López, James McDermott, Michael O'Neill, and Anthony Brabazon, *Towards an understanding of locality in genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 901–908.
- [GM10] Severino F. Galan and Ole J. Mengshoel, *Generalized crowding for genetic algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 775–782.
- [GMLT<sup>+</sup>10] Carlos García-Martínez, Claudio Lima, Jamie Twycross, Natalio Krasnogor, and Manuel Lozano, *P system model optimisation by means of evolutionary based search algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 187–194.
- [GMT<sup>+</sup>10] Eloy Gonzales, Shingo Mabu, Karla Taboada, Kotaro Hirasawa, and Kaoru Shimada, *Pruning association rules using statistics and genetic relation algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 419–420.
- [GS10] Zbysek Gajda and Lukas Sekanina, *When does cartesian genetic programming minimize the phenotype size implicitly?*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 983–984.
- [GSY<sup>+</sup>10] Tobias Glasmachers, Tom Schaul, Sun Yi, Daan Wierstra, and Jürgen Schmidhuber, *Exponential natural evolution strategies*, GECCO '10: Proceedings of the 12th annual

- conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 393–400.
- [HBD<sup>+</sup>10] Emily Rose Holzinger, Carrie C. Buchanan, Scott M. Dudek, Eric C. Torstenson, Stephen D. Turner, and Marylyn D. Ritchie, *Initialization parameter sweep in athena: optimizing neural networks for detecting gene-gene interactions in the presence of small main effects*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 203–210.
- [HBL10] Anke K. Hutzschenreuter, Peter A.N. Bosman, and Han La Poutr , *Enhanced hospital resource management using anticipatory policies in online dynamic multi-objective optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 541–542.
- [HHSR10] Torsten Hildebrandt, Jens Heger, and Bernd Scholz-Reiter, *Towards improved dispatching rules for complex shop floor scenarios: a genetic programming approach*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 257–264.
- [HL10] Jonathan D. Hiller and Hod Lipson, *Morphological evolution of freeform robots*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 151–152.
- [HMB10] Simon Harding, Julian F. Miller, and Wolfgang Banzhaf, *Self modifying cartesian genetic programming: finding algorithms that calculate pi and e to arbitrary precision*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 579–586.
- [HMW10] Mathew Hall, Phil McMinn, and Neil Walkinshaw, *Superstate identification for state machines using search-based clustering*, GECCO '10: Proceedings of the 12th

- annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1381–1388.
- [HOOMRV10] Juan Arturo Herrera-Ortiz, Carlos Oliver-Morales, and Katya Rodríguez-Vázquez, *Amount and type of information: a ga-hardness taxonomy*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 835–836.
- [HP10] Mark W. Hauschild and Martin Pelikan, *Network crossover performance on nk landscapes and deceptive problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 713–720.
- [HS10] Christian Horoba and Dirk Sudholt, *Ant colony optimization for stochastic shortest path problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1465–1472.
- [hZZ10] Jing hui Zhong and Jun Zhang, *A robust estimation of distribution algorithm for power electronic circuits design*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 319–326.
- [IJHR10] Benjamin Inden, Yaochu Jin, Robert Haschke, and Helge Ritter, *Neatfields: evolution of neural fields*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 645–646.
- [Ior10] Serban Iordache, *Consultant-guided search: a new metaheuristic for combinatorial optimization problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry,

Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 225–232.

- [ISTN10] Hisao Ishibuchi, Yuji Sakane, Noritaka Tsukamoto, and Yusuke Nojima, *Simultaneous use of different scalarizing functions in moea/d*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 519–526.
- [IT10] Jack F. Shepherd II and Kagan Tumer, *Robust neuro-control for a micro quadrotor*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1131–1138.
- [JC10a] Adam C. Jensen and Betty H.C. Cheng, *On the use of genetic programming for automated refactoring and the introduction of design patterns*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1341–1348.
- [JC10b] He Jiang and Yudong Chen, *An efficient algorithm for generalized minimum spanning tree problem*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 217–224.
- [JD10] Jiří Jaros and Vaclav Dvorak, *Evolutionary-based conflict-free scheduling of collective communications on spidergon nocs*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1171–1178.
- [JKL10] Daniel Johannsen, Piyush P. Kurur, and Johannes Lengler, *Can quantum search accelerate evolutionary algorithms?*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1433–1440.
- [JKN10] Ulf Johansson, Rikard König, and Lars Niklasson, *Genetic rule extraction optimizing brier score*, GECCO '10: Proceedings of the 12th annual conference on Genetic and

evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1007–1014.

- [jYZ10] Wei jie Yu and Jun Zhang, *Pheromone-distribution-based adaptive ant colony system*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 31–38.
- [JZ10] Thomas Jansen and Christine Zarges, *Aging beyond restarts*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 705–712.
- [KBW10] Jiří Kubalik, Petr Buryan, and Libor Wagner, *Solving the dna fragment assembly problem efficiently using iterative optimization with evolved hypermutations*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 213–214.
- [KD10] Oliver Kramer and Holger Danielsiek, *Dbscan-based multi-objective niching to approximate equivalent pareto-subsets*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 503–510.
- [KDS10] Uday Kamath, Kenneth A. De Jong, and Amarda Shehu, *Selecting predictive features for recognition of hypersensitive sites of regulatory genomic sequences with an evolutionary algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 179–186.
- [KGM10] David B. Knoester, Heather J. Goldsby, and Philip K. McKinley, *Neuroevolution of mobile ad hoc networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry,

Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 603–610.

- [KGS10] Jan Koutník, Faustino Gomez, and Jürgen Schmidhuber, *Evolving neural networks in compressed weight space*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 619–626.
- [KKB10] Thomas Kremmel, Jiří Kubalik, and Stefan Biffl, *Multiobjective evolutionary algorithm for software project portfolio optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1389–1390.
- [KKL10] Steven O. Kimbrough, Ann Kuo, and Hoong Chuin Lau, *Effective heuristic methods for finding non-optimal solutions of interest in constrained optimization models*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 295–296.
- [KLL10] Viktor M. Kureichik, Boris K. Lebedev, and Oleg B. Lebedev, *Hybrid evolutionary algorithm of planning vlsi*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 821–822.
- [KLNO10] Timo Kötzing, Per Kristian Lehre, Frank Neumann, and Pietro Simone Oliveto, *Ant colony optimization and the minimum cut problem*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1393–1400.
- [KMD10] Sylvain Koos, Jean-Baptiste Mouret, and Stéphane Doncieux, *Crossing the reality gap in evolutionary robotics by promoting transferable controllers*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 119–126.
- [KMM10] Keehyung Kim, RI (Bob) McKay, and Byung-Ro Moon, *Multiobjective evolutionary algorithms for dynamic social network clustering*, GECCO '10: Proceedings of the



- 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1179–1186.
- [KT10] Matt Knudson and Kagan Tumer, *Coevolution of heterogeneous multi-robot teams*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 127–134.
- [LA10] Gabriel Luque and Enrique Alba, *Selection pressure and takeover time of distributed evolutionary algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1083–1088.
- [LC10] Darrell F. Lochtefeld and Frank W. Ciarallo, *Deterministic helper-objective sequences applied to job-shop scheduling*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 431–438.
- [LCLL10] Leung-Yau Lo, Tak-Ming Chan, Kin-Hong Lee, and Kwong-Sak Leung, *Challenges rising from learning motif evaluation functions using genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 171–178.
- [LCTMRVR10] Eunice López-Camacho, Hugo Terashima-Marín, Peter Ross, and Manuel Valenzuela-Rendón, *Problem-state representations in a hyper-heuristic approach for the 2d irregular bpp*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 297–298.
- [LH10] Peter Lichodziejewski and Malcolm I. Heywood, *Symbiosis, complexification and simplicity under gp*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P

- Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 853–860.
- [LIS10] Manuel Lopez-Ibanez and Thomas Stuetzle, *The impact of design choices of multiobjective antcolony optimization algorithms on performance: an experimental study on the biobjective tsp*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 71–78.
- [LM10] Seung-Kyu Lee and Byung-Ro Moon, *A new modular genetic programming for finding attractive technical patterns in stock markets*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1219–1226.
- [LmHZ10] Ying Lin, Xiao min Hu, and Jun Zhang, *An ant-colony-system-based activity scheduling method for the lifetime maximization of heterogeneous wireless sensor networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 23–30.
- [LNA10] Hoang N. Luong, Hai T.T. Nguyen, and Chang Wook Ahn, *Entropy-based substructural local search for the bayesian optimization algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 335–342.
- [LRS10] Clemens Lode, Urban Richter, and Hartmut Schmeck, *Adaption of xcs to multi-learner predator/prey scenarios*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1015–1022.
- [LS10a] Jörg Lässig and Dirk Sudholt, *The benefit of migration in parallel evolutionary algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1105–1112.

- [LS10b] Joel Lehman and Kenneth O. Stanley, *Revising the evolutionary computation abstraction: minimal criteria novelty search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 103–110.
- [LSS10] Ilya Loshchilov, Marc Schoenauer, and Michèle Sebag, *A mono surrogate for multiobjective optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 471–478.
- [LT10a] Nyree Lemmens and Karl Tuyls, *Stigmergic landmark routing: a routing algorithm for wireless mobile ad-hoc networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 47–54.
- [LT10b] Maciej Lisiewicz and Johannes Textor, *Negative selection algorithms without generating detectors*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1047–1054.
- [LW10] Per Kristian Lehre and Carsten Witt, *Black-box search by unbiased variation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1441–1448.
- [LYY10] Ta-Chun Lien, Tian-Li Yu, and Ying-Shiuan You, *Co-evolution of cooperative strategies under egoism*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 697–704.
- [LZ10] K. M. Leung and Xi Zhang, *Discrete versus continuous parametrization of bank credit rating systems optimization using differential evolution*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune,

- Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 265–272.
- [LZJ<sup>+</sup>10] Ruochen Liu, Wei Zhang, Licheng Jiao, Fang Liu, and Jingjing Ma, *A sphere-dominance based preference immune-inspired algorithm for dynamic multi-objective optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 423–430.
- [LZS<sup>+</sup>10] Miqing Li, Jinhua Zheng, Ruimin Shen, Ke Li, and Qizhao Yuan, *A grid-based fitness strategy for evolutionary many-objective optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 463–470.
- [Man10] Edward P. Manning, *Coevolution in a large search space using resource-limited nash memory*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 999–1006.
- [MB10] Alexander Melkozerov and Hans-Georg Beyer, *On the analysis of self-adaptive evolution strategies on elliptic model: first results*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 369–376.
- [MD10] Christie Myburgh and Kalyanmoy Deb, *Evolutionary algorithms in large-scale open pit mine scheduling*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1155–1162.
- [MDG10] Jean-Baptiste Mouret, Stéphane Doncieux, and Benoît Girard, *Importing the computational neuroscience toolbox into neuro-evolution-application to basal ganglia*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 587–594.

- [ME10] Henrique G. Momm and Greg Easson, *Population restarting: a study case of feature extraction from remotely sensed imagery using textural information*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 973–974.
- [MFL<sup>+</sup>10] Aruanda S.G. Meiguins, Alex A. Freitas, Robert C. Lima, Samuel F.S. Junior, and Bianchi S. Meiguins, *An estimation of distribution algorithm for the automatic generation of clustering algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1069–1070.
- [MGBM10] Luis Martí, Jesús García, Antonio Berlanga, and José M. Molina, *Moving away from error-based learning in multi-objective estimation of distribution algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 545–546.
- [MGDI10] David Mosnier, Frédéric Gillot, Antoine Ducloux, and Mohamed Ichchou, *Integrated pre-design step methodology based on multi-objective evolutionary optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1317–1318.
- [MH10] Hirotaka Moriguchi and Shinichi Honiden, *Sustaining behavioral diversity in neat*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 611–618.
- [MMR10] Juan J. Merelo, Antonio M. Mora, and Thomas P. Runarsson, *Beating exhaustive search at its own game: revisiting evolutionary mastermind*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 291–292.
- [MOPBM10] Núria Macià, Albert Orriols-Puig, and Ester Bernadó-Mansilla, *In search of targeted-complexity problems*, GECCO '10: Proceedings of the 12th annual conference on

- Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1055–1062.
- [MPR10] Elijah Mayfield and Carolyn Penstein-Rosé, *Using feature construction to avoid large feature spaces in text classification*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1299–1306.
- [MRN10] Elizabeth Montero, María-Cristina Riff, and Bertrand Neveu, *An evaluation of off-line calibration techniques for evolutionary algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 299–300.
- [MS10a] Haiping Ma and Dan Simon, *Biogeography-based optimization with blended migration for constrained optimization problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 417–418.
- [MS10b] Michael McMullin and Terence Soule, *Constant versus variable arity operators in genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 987–988.
- [MS10c] Timothy Meekhof and Terence Soule, *Noise pressure: systematic overestimation of population fitness in genetic algorithms with noisy fitness functions*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 833–834.
- [MVM10] Luca Manzoni, Leonardo Vanneschi, and Giancarlo Mauri, *Definition of a crossover based distance for genetic algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael

- O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1473–1474.
- [MZB10] Ammar W. Mohemmed, Mengjie Zhang, and Will N. Browne, *Particle swarm optimisation for outlier detection*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 83–84.
- [NKAB10] Farhad Nadi, Ahamad Tajudin Khader, and Mohammed Azmi Al-Betar, *Adaptive genetic algorithm using harmony search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 819–820.
- [NLA10] Hai T.T. Nguyen, Hoang N. Luong, and Chang Wook Ahn, *Entropy measurement-based estimation model for bayesian optimization algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 343–350.
- [NSHR10] Amin Nikanjam, Hadi Sharifi, B. Hoda Helmi, and Adel Rahmani, *A new dsm clustering algorithm for linkage groups identification*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 367–368.
- [NSW10] Frank Neumann, Dirk Sudholt, and Carsten Witt, *A few ants are enough: Aco with iteration-best update*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 63–70.
- [OCHS10] Patricia Ortegon-Cano, Diego A. Hartasanchez, and Christopher R. Stephens, *Why recombination should be adaptive*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 831–832.
- [OPLG10] Albert Orriols-Puig, Xavier Llorà, and David E. Goldberg, *How xcs deals with rarities in domains with continuous attributes*, GECCO '10: Proceedings of the 12th

- annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1023–1030.
- [OS10] Mirela Ovreiu and Dan Simon, *Biogeography-based optimization of neuro-fuzzy system parameters for diagnosis of cardiac disease*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1235–1242.
- [PB10] Gerulf K.M. Pedersen and Martin V. Butz, *Evolving robust controller parameters using covariance matrix adaptation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1251–1258.
- [PD10] Nikhil Padhye and Kalyanmoy Deb, *Evolutionary multi-objective optimization and decision making for selective laser sintering*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1259–1266.
- [Pel10] Martin Pelikan, *Nk landscapes, problem difficulty, and hybrid evolutionary algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 665–672.
- [PJ10] Marcin L. Pilat and Christian Jacob, *Evolution of vision capabilities in embodied virtual creatures*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 95–102.
- [PLd10] Cassio L. Pennachin, Moshe Looks, and Joao A. de Vasconcelos, *Robust symbolic regression with affine arithmetic*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael



- O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 917–924.
- [PRW10] Mike Preuss, Günter Rudolph, and Simon Wessing, *Tuning optimization algorithms for real-world problems by means of surrogate modeling*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 401–408.
- [RB10] Edgar Reehuis and Thomas Bäck, *Mixed-integer evolution strategy using multiobjective selection applied to warehouse design optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1187–1194.
- [RDS<sup>+</sup>10] Sohini Roychoudhury, Sanjoy Das, Caterina Scoglio, Swagatam Das, Bijaya K. Panigrahi, and Shyyam S. Pattnaik, *Mitigation strategies in epidemics: evolutionary optimization using a hierarchy of objective functions*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1325–1326.
- [RF10] Zhigang Ren and Zuren Feng, *An ant colony optimization approach to the multiple-choice multidimensional knapsack problem*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 281–288.
- [RLS10] Sebastian Risi, Joel Lehman, and Kenneth O. Stanley, *Evolving the placement and density of neurons in the hyperneat substrate*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 563–570.
- [RP10] Elizabeth Radetic and Martin Pelikan, *Spurious dependencies and eda scalability*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 303–310.
- [RRM10] Padmini Rajagopalan, Aditya Rawal, and Risto Miikkulainen, *Emergence of competitive and cooperative behavior using coevolution*, GECCO '10: Proceedings of

- the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1073–1074.
- [SAGM10] Nicholas A. Sinnott-Armstrong, Casey S. Greene, and Jason H. Moore, *Fast genome-wide epistasis analysis using ant colony optimization for multifactor dimensionality reduction analysis on graphics processing units*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 215–216.
- [SC10] Deepak Sharma and Pierre Collet, *An archived-based stochastic ranking evolutionary algorithm (asrea) for multi-objective optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 479–486.
- [SDRN10] Giovanni Stracquadanio, Concetta Drago, Vittorio Romano, and Giuseppe Nicosia, *Multi-objective optimization of doping profile in semiconductor design*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1243–1250.
- [SFHK10] Toshiharu Sugawara, Kensuke Fukuda, Toshio Hirotsu, and Satoshi Kurihara, *Adaptive probabilistic task allocation in large-scale multi-agent systems and its evaluation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1311–1312.
- [SGC10] Chi Su, Yang Gao, and Chun Cao, *Learning classifier system using both labeled and unlabeled data*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1065–1066.
- [SGHAVD10] Rogelio Salinas-Gutiérrez, Arturo Hernández-Aguirre, and Enrique R. Villa-Diharce, *D-vine eda: a new estimation of distribution algorithm based on regular vines*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V.

- Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 359–366.
- [SH10a] Kaoru Shimada and Kotaro Hirasawa, *A method of association rule analysis for incomplete database using genetic network programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1115–1122.
- [SH10b] Terence Soule and Robert B. Heckendorn, *A developmental algorithm for multi-agent swarms with scalable hierarchies*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 647–648.
- [SJA10] Sarah Salim, Mohsin Javed, and Ali Hammad Akbar, *Honey-bee dancing-inspired architecture for fault tolerance in wireless sensor networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 79–80.
- [SJS10] Till Steiner, Yaochu Jin, and Bernhard Sendhoff, *Evolving heterochrony for cellular differentiation using vector field embryogeny*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 571–578.
- [SL10] Michael D. Schmidt and Hod Lipson, *Age-fitness pareto optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 543–544.
- [SM10] Jacob Schrum and Risto Miikkulainen, *Evolving agent behavior in multiobjective domains using fitness-based shaping*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 439–446.
- [SP10] Alejandro Sierra and Vicente Ponsoda, *Shorter, more reliable and valid tests by means of a genetic algorithm*, GECCO '10: Proceedings of the 12th annual conference on

Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1307–1308.

- [SR10] Wolfgang Steitz and Franz Rothlauf, *Solving ocst problems with problem-specific guided local search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 301–302.
- [SRR10] Ofer M. Shir, Jonathan Roslund, and Herschel Rabitz, *Forced optimal covariance adaptive learning: modified cma-es for efficient hessian determination*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 421–422.
- [SS10] Forrest Stonedahl and Susa H. Stonedahl, *Heuristics for sampling repetitions in noisy landscapes with fitness caching*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 273–280.
- [SSB10] Swagato Sanyal, Raja S, and Somenath Biswas, *Necessary and sufficient conditions for success of the metropolis algorithm for optimization*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1417–1424.
- [SSN10] Mikiko Sato, Yuji Sato, and Mitaro Namiki, *Proposal of a multi-core processor architecture for effective evolutionary computation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1321–1322.
- [ST10] Max Salichon and Kagan Tumer, *A neuro-evolutionary approach to micro aerial vehicle control*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens,

- Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1123–1130.
- [SW10] Matthijs Snel and Shimon Whiteson, *Multi-task evolutionary shaping without pre-specified representations*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1031–1038.
- [TADD10] Rupesh Tulshyan, Ramnik Arora, Kalyanmoy Deb, and Joydeep Dutta, *Investigating ea solutions for approximate kkt conditions in smooth problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 689–696.
- [TH10] Cem C. Tutum and Jesper H. Hattel, *Multi-objective optimization of process parameters in friction stir welding*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1323–1324.
- [TI10] Makoto Tanji and Hitoshi Iba, *Conbreo: a music performance rendering system using hybrid approach of iec and automated evolution*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1275–1282.
- [TKMT10] Martin A. Trefzer, Tuze Kuyucu, Julian F. Miller, and Andy M. Tyrrell, *Image compression of natural images using artificial gene regulatory networks*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 595–602.
- [TLLV10] Leonardo Trujillo, Pierrick Legrand, and Jacques Lévy-Véhel, *The estimation of hölderian regularity using genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 861–868.
- [TS10] Carlos D. Toledo-Suárez, *A first assessment of the use of extended relational alphabets in accuracy classifier systems*, GECCO '10: Proceedings of the 12th annual conference

- on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 991–998.
- [TSMH10] Aram Ter-Sarkisov, Stephen R. Marsland, and Barbara R. Holland, *The k-bit-swap: a new genetic algorithm operator*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 815–816.
- [TTCY10] Chun-Wei Tsai, Shih-Pang Tseng, Ming-Chao Chiang, and Chu-Sing Yang, *A framework for accelerating metaheuristics via pattern reduction*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 293–294.
- [UBZ10] Tamara Ulrich, Johannes Bader, and Eckart Zitzler, *Integrating decision space diversity into hypervolume-based multiobjective search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 455–462.
- [UG10] Prakarn Unachak and Erik Goodman, *Solving multiobjective flexible job-shop scheduling using an adaptive representation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 737–742.
- [UHOM10] Nguyen Quang Uy, Nguyen Xuan Hoai, Michael O'Neill, and Bob McKay, *Semantics based crossover for boolean problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 869–876.
- [UM10] Ryan J. Urbanowicz and Jason H. Moore, *The application of michigan-style learning classifiersystems to address genetic heterogeneity and epistasis in association studies*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano

- van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 195–202.
- [VCM10] Leonardo Vanneschi, Daniele Codecasa, and Giancarlo Mauri, *An empirical comparison of parallel and distributed particle swarm optimization methods*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 15–22.
- [VHI10] Thomas Voß, Nikolaus Hansen, and Christian Igel, *Improved step size adaptation for the mo-cma-es*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 487–494.
- [Vra10] Dana Vrajitoru, *Shared memory genetic algorithms in a multi-agent context*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1097–1104.
- [VS10] Phillip Verbancsics and Kenneth O. Stanley, *Transfer learning through indirect encoding*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 547–554.
- [VTN10] Fatemeh Vafaei, György Turán, and Peter C. Nelson, *Optimizing genetic operator rates using a markov chain model of genetic algorithms*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 721–728.
- [VVB<sup>+</sup>10a] Kalyan Veeramachaneni, Katya Vladislavleva, Matt Burland, Jason Parcon, and Una-May O'Reilly, *Evolutionary optimization of flavors*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1291–1298.
- [VVB<sup>+</sup>10b] Katya Vladislavleva, Kalyan Veeramachaneni, Matt Burland, Jason Parcon, and Una-May O'Reilly, *Knowledge mining with genetic programming methods for variable*

- selection in flavor design*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 941–948.
- [VVM10] Andrea Valsecchi, Leonardo Vanneschi, and Giancarlo Mauri, *Optimization speed and fair sets of functions*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1475–1476.
- [WB10a] Garnett Wilson and Wolfgang Banzhaf, *Interday foreign exchange trading using linear genetic programming*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1139–1146.
- [WB10b] Shelly Xiaonan Wu and Wolfgang Banzhaf, *A hierarchical cooperative evolutionary algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 233–240.
- [WCAL10] L. Darrell Whitley, Francisco Chicano, Enrique Alba, and Francisco Luna, *Elementary landscapes of frequency assignment problems*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1409–1416.
- [WGD10] Maxwell Walton, Gary Grewal, and Gerarda Darlington, *Parallel fpga-based implementation of scatter search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1075–1082.
- [Win10] Andreas Windisch, *Search-based test data generation from stateflow statecharts*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano



- van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1349–1356.
- [WLW10] Ka-Chun Wong, Kwong-Sak Leung, and Man-Hon Wong, *Protein structure prediction on a lattice model via multimodal optimization techniques*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 155–162.
- [WT10a] Jun Wang and Ying Tan, *A novel genetic programming based morphological image analysis algorithm*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 979–980.
- [WT10b] Josh L. Wilkerson and Daniel Tauritz, *Coevolutionary automated software correction*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1391–1392.
- [WXY10] Yun Wen, Hua Xu, and Jiadong Yang, *A heuristic-based hybrid genetic algorithm for heterogeneous multiprocessor scheduling*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 729–736.
- [XCR10] Zhihong Xu, Myra B. Cohen, and Gregg Rothermel, *Factors affecting the use of genetic algorithms in test suite augmentation*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1365–1372.
- [YAU10] Roi Yehoshua, Mireille Avigal, and Ron Unger, *Analysis of the effects of lifetime learning on population fitness using vose model*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 681–688.
- [YXCJ10] Jiadong Yang, Hua Xu, Yunpeng Cai, and Peifa Jia, *Effective structure learning for eda via l1-regularized bayesian networks*, GECCO '10: Proceedings of the 12th

- annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 327–334.
- [YYL10] Ying-Shiuan You, Tain-Li Yu, and Ta-Chun Lien, *Psychological preference-based optimization framework on the nurse scheduling problem*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1319–1320.
- [ZAD<sup>+</sup>10] Yuanyuan Zhang, Enrique Alba, Juan J. Durillo, Sigrid Eldh, and Mark Harman, *Today/future importance analysis*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1357–1364.
- [ZC10] Saúl Zapotecas Martínez and Carlos A. Coello Coello, *A multi-objective meta-model assisted memetic algorithm with non gradient-based local search*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 537–538.
- [ZT10] You Zhou and Ying Tan, *Particle swarm optimization with triggered mutation and its implementation based on gpu*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 1–8.
- [ZV10] Amelia Zafra and Sebastián Ventura, *Grammar guided genetic programming for multiple instance learning: an experimental study*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 909–916.
- [ZZ10] Zhi-Hui Zhan and Jun Zhang, *Self-adaptive differential evolution based on pso learning strategy*, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation (Portland, Oregon, USA) (Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens,

Jano van Hemert, Leonardo Vanneschi, and Carsten Witt, eds.), ACM, 7-11 July 2010, pp. 39–46.