

Список литературы

- [Abba 08] H. A. Abbass, A. Bender, H. H. Dam, S. Baker, J. Whitacre, and R. Sarker. “Computational scenario-based capability planning”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1437–1444, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Abra 08] A. Abraham, A. Biswas, S. Das, and S. Dasgupta. “Design of fractional order PIAD μ controllers with an improved differential evolution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1445–1452, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Agap 08a] A. Agapitos, M. Dyson, J. Kovalchuk, and S. M. Lucas. “On the genetic programming of time-series predictors for supply chain management”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1163–1170, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Agap 08b] A. Agapitos, M. Dyson, S. M. Lucas, and F. Sepulveda. “Learning to recognise mental activities: genetic programming of stateful classifiers for brain-computer interfacing”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1155–1162, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ahma 08] A. Ahmadi, F. Karray, and M. Kamel. “Particle swarm clustering ensemble”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 159–160, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Akim 08] Y. Akimoto, J. Sakuma, I. Ono, and S. Kobayashi. “Functionally specialized CMA-ES: a modification of CMA-ES based on the specialization of the functions of covariance matrix adaptation and step size adaptation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 479–486, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Alba 08a] E. Alba and F. Chicano. “Searching for liveness property violations in concurrent systems with ACO”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1727–1734, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Alba 08b] E. Alba, F. Chicano, M. Ferreira, and J. Gomez-Pulido. “Finding deadlocks in large concurrent java programs using genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B.

- Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1735–1742, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Aran 08] C. C. Aranha and H. Iba. “A tree-based GA representation for the portfolio optimization problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 873–880, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Arau 08] R. M. Araujo and L. C. Lamb. “Distributed problem solving by memetic networks: extended abstract”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 599–600, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Atak 08] S. Ataka and M. Gen. “The study for transportation planning considered the inventory using hybrid genetic algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1689–1690, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Augu 08] D. A. Augusto, H. J. Barbosa, and N. F. Ebecken. “Coevolution of data samples and classifiers integrated with grammatically-based genetic programming for data classification”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1171–1178, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Avig 08a] G. Avigad and J. Branke. “Embedded evolutionary multi-objective optimization for worst case robustness”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 617–624, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Avig 08b] G. Avigad and C. A. Coello Coello. “Solving constrained multi-objective problems by objective space analysis”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 753–754, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Awai 08] A. Awais, M. Farooq, and M. Y. Javed. “Attack analysis & bio-inspired security framework for IP multimedia subsystem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley,

- A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 161–162, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Baca 08] J. Bacardit and N. Krasnogor. “Fast rule representation for continuous attributes in genetics-based machine learning”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1421–1422, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bade 08] M. B. Bader-El-Den and R. Poli. “Evolving heuristics with genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 601–602, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bai 08] L. Bai, M. Eyiurekli, and D. E. Breen. “Automated shape composition based on cell biology and distributed genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1179–1186, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bara 08] R. Barate and A. Manzanera. “Generalization performance of vision based controllers for mobile robots evolved with genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1331–1332, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bark 08] A. S. S. M. Barkat Ullah, R. Sarker, and D. Cornforth. “Search space reduction technique for constrained optimization with tiny feasible space”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 881–888, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Barl 08] G. J. Barlow, C. K. Oh, and S. F. Smith. “Evolving cooperative control on sparsely distributed tasks for UAV teams without global communication”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 177–184, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Beck 08] B. E. Beckmann, P. K. McKinley, and C. Ofria. “Selection for group-level efficiency leads to self-regulation of population size”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 185–192, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Bere 08] I. Berenboym and M. Avigal. “Genetic algorithms with local search optimization for protein structure prediction problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1097–1098, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Berg 08] K. P. Bergmann, R. Scheidler, and C. Jacob. “Cryptanalysis using genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1099–1100, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Beye 08] H.-G. Beyer and A. Melkozerov. “Mutative σ-self-adaptation can beat cumulative step size adaptation when using weighted recombination”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 487–494, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bhat 08] A. Bhatt, P. Varshney, and K. Deb. “In search of no-loss strategies for the game of tic-tac-toe using a customized genetic algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 889–896, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bin 08] M. H. Bin Azhar, F. Deravi, and K. Dimond. “Criticality dispersion in swarms to optimize n-tuples”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1–8, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bina 08] F. Binard and A. Felty. “Genetic programming with polymorphic types and higher-order functions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1187–1194, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bore 08] Y. Borenstein, N. Shah, E. Tsang, R. Dorne, A. Alsheddy, and C. Voudouris. “On the partitioning of dynamic scheduling problems -: assigning technicians to areas”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1691–1692, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Borg 08] I. Borgulya. “A parallel evolutionary algorithm for unconstrained binary quadratic problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G.

Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 603–604, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Born 08] S. Bornhofen and C. Lattaud. “On hopeful monsters, neutral networks and junk code in evolving L-systems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 193–200, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Bors 08] M. Borschbach and A. Exeler. “A Tabu history driven crossover operator design for memetic algorithm applied to Max-2SAT-problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 605–606, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Breu 08] R. Breukelaar and T. Baeck. “Self-adaptive mutation rates in genetic algorithm for inverse design of cellular automata”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1101–1102, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Brow 08a] A. E. Brownlee, M. Pelikan, J. A. McCall, and A. Petrovski. “An application of a multivariate estimation of distribution algorithm to cancer chemotherapy”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 463–464, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Brow 08b] A. E. Brownlee, Y. Wu, J. A. McCall, P. M. Godley, D. E. Cairns, and J. Cowie. “Optimisation and fitness modelling of bio-control in mushroom farming using a Markov network eda”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 465–466, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Butz 08a] M. V. Butz and O. Herborg. “Context-dependent predictions and cognitive arm control with XCSF”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1357–1364, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Butz 08b] M. V. Butz, P. L. Lanzi, X. Llorà, and D. Loiacono. “An analysis of matching in learning classifier systems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1349–1356, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Butz 08c] M. V. Butz, P. Stalph, and P. L. Lanzi. “Self-adaptive mutation in XCSF”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1365–1372, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Caam 08] P. Caamano, F. Bellas, J. A. Becerra, and R. J. Duro. “Application domain study of evolutionary algorithms in optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 495–502, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Camp 08] A. Campbell, A. S. Wu, and R. Shumaker. “Multi-agent task allocation: learning when to say no”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 201–208, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Carr 08] E. G. Carrano, R. H. Takahashi, and E. F. Wanner. “An enhanced statistical approach for evolutionary algorithm comparison”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 897–904, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Cast 08] P. A. Castillo, G. Fernández, A. Mora, J. J. Merelo, J. L. Bernier, and A. Prieto. “Evolving machine microprograms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1103–1104, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Cern 08] B. M. Cerny, P. C. Nelson, and C. Zhou. “Using differential evolution for symbolic regression and numerical constant creation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1195–1202, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Cerv 08] J. Cervantes and C. R. Stephens. “Rank based variation operators for genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 905–912, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Chen 08] Y. Chen, S. Mabu, K. Shimada, and K. Hirasawa. “Construction of portfolio optimization system using genetic network programming with control nodes”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener,

Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1693–1694, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Chir 08] C. Chira, D. Dumitrescu, and C. M. Pintea. “Heterogeneous sensitive ant model for combinatorial optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 163–164, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Chow 08] R. Chow, W. Zhong, M. Blackmon, R. Stolz, and M. Dowell. “An efficient SVM-GA feature selection model for large healthcare databases”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1373–1380, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Chua 08] C.-Y. Chuang and Y. ping Chen. “On the effectiveness of distributions estimated by probabilistic model building”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 391–398, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Cies 08] V. Ciesielski, N. Wu, and S. Tahaghoghi. “Evolving similarity functions for code plagiarism detection”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1453–1460, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Clay 08] T. F. Clayton, L. N. Patel, G. Leng, A. F. Murray, and I. A. Lindsay. “Rapid evaluation and evolution of neural models using graphics card hardware”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 299–306, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Cleg 08] J. Clegg. “Combining cartesian genetic programming with an estimation of distribution algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1333–1334, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Clun 08] J. Clune, C. Ofria, and R. T. Pennock. “How generative encodings fare on less regular problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 867–868, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Cuss 08] S. Cussat-Blanc, F. Viale, H. Luga, Y. Duthen, and D. Caromel. “Genetic algorithms and grid computing for artificial embryogeny”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 281–282, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [DaCo 08] L. DaCosta, A. Fialho, M. Schoenauer, and M. Sebag. “Adaptive operator selection with dynamic multi-armed bandits”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 913–920, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [DAmb 08] D. B. D’Ambrosio and K. O. Stanley. “Generative encoding for multiagent learning”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 819–826, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Das 08] S. Das, P. Koduru, X. Cai, S. Welch, and V. Sarangan. “The gene regulatory network: an application to optimal coverage in sensor networks”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1461–1468, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Dasg 08] S. Dasgupta, A. Biswas, S. Das, and A. Abraham. “Automatic circle detection on images with an adaptive bacterial foraging algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1695–1696, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Datt 08] D. Datta, J. R. Figueira, C. M. Fonseca, and F. Tavares-Pereira. “Graph partitioning through a multi-objective evolutionary algorithm: a preliminary study”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 625–632, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Davi 08] O. David-Tabibi, M. Koppel, and N. S. Netanyahu. “Genetic algorithms for mentor-assisted evaluation function optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1469–1476, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [de F 08] F. O. de Franca, G. P. Coelho, F. J. Von Zuben, and R. R. de Faissol Attux. “Multivariate ant colony optimization in continuous search spaces”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan,

J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 9–16, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [de l 08a] J. M. de la Cruz, E. Besada-Portas, L. Torre-Cubillo, B. Andres-Toro, and J. A. Lopez-Orozco. “Evolutionary path planner for UAVs in realistic environments”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1477–1484, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [de L 08b] T. W. de Lima, F. Rothlauf, and A. C. Delbem. “The node-depth encoding: analysis and application to the bounded-diameter minimum spanning tree problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 969–976, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [de M 08a] L. de Marcos, J.-J. Martínez, and J.-A. Gutierrez. “Swarm intelligence in e-learning: a learning object sequencing agent based on competencies”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 17–24, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [de M 08b] E. B. B. de Melo and A. F. R. Araújo. “Modeling ant colony foraging in dynamic and confined environment”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 169–176, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [de S 08] L. B. de Sá and A. Mesquita. “Evolutionary synthesis of low-sensitivity equalizers using adjacency matrix representation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1283–1290, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Deb 08] K. Deb. “A robust evolutionary framework for multi-objective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 633–640, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Dese 08] T. Desell, B. Szymanski, and C. Varela. “An asynchronous hybrid genetic-simplex search for modeling the Milky Way galaxy using volunteer computing”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 921–928, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Dewr 08] R. Dewri, D. Whitley, I. Ray, and I. Ray. “Evolution strategy based optimization of on-demand dependent data broadcast scheduling”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1699–1700, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Diet 08] M. Dietzfelbinger, J. E. Rowe, I. Wegener, and P. Woelfel. “Precision, local search and unimodal functions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 771–778, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Doer 08a] B. Doerr, E. Happ, and C. Klein. “Crossover can provably be useful in evolutionary computation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 539–546, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Doer 08b] B. Doerr, T. Jansen, and C. Klein. “Comparing global and local mutations on bit strings”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 929–936, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Dos 08a] E. M. Dos Santos, L. S. Oliveira, R. Sabourin, and P. Maupin. “Overfitting in the selection of classifier ensembles: a comparative study between PSO and GA”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1423–1424, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Dos 08b] E. M. Dos Santos, R. Sabourin, and P. Maupin. “Pareto analysis for the selection of classifier ensembles”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 681–688, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Drie 08] E. J. Dries and G. L. Peterson. “Scaling ant colony optimization with hierarchical reinforcement learning partitioning”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 25–32, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Duqu 08] T. S. Duque, D. E. Goldberg, and K. Sastry. “Improving the efficiency of the extended compact genetic algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica,

E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 467–468, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Epit 08] M. G. Epitropakis, V. P. Plagianakos, and M. N. Vrahatis. “Non-monotone differential evolution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 527–528, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Esma 08] A. Esmaeili and C. Jacob. “Evolution of discrete gene regulatory models”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 307–314, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Fern 08a] C. M. Fernandes, C. Lima, and A. C. Rosa. “UMDAs for dynamic optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 399–406, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Fern 08b] C. M. Fernandes, J. J. Merelo, V. Ramos, and A. C. Rosa. “A self-organized criticality mutation operator for dynamic optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 937–944, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Foge 08] S. V. Fogelson and W. D. Potter. “A formulation for the relative permittivity of water and steam to high temperatures and pressures evolved using genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1335–1336, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Frie 08] T. Friedrich, P. S. Oliveto, D. Sudholt, and C. Witt. “Theoretical analysis of diversity mechanisms for global exploration”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 945–952, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Game 08] J. A. Gámez, J. L. Mateo, and J. M. Puerta. “Improved EDNA (estimation of dependency networks algorithm) using combining function with bivariate probability distributions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 407–414, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Gamh 08] S. Gamhewa and P. F. Hingston. “Testing parallelization paradigms for MOEAs”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes,

- G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 755–756, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Garc 08a] B. Garcia, R. Aler, A. Ledezma, and A. Sanchis. “Protein-protein functional association prediction using genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 347–348, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Garc 08b] P. García-Sánchez, J. J. Merelo, J. P. Sevilla, J. L. Laredo, A. M. Mora, and P. A. Castillo. “Automatic generation of XSLT stylesheets using evolutionary algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1701–1702, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Garo 08] V. Garousi. “Empirical analysis of a genetic algorithm-based stress test technique”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1743–1750, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Geor 08] B. George, S. J. Gibson, M. I. Maylin, and C. J. Solomon. “EFIT-V -: interactive evolutionary strategy for the construction of photo-realistic facial composites”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1485–1490, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ginl 08] B. M. Ginley, F. Morgan, and C. O’Riordan. “Maintaining diversity through adaptive selection, crossover and mutation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1127–1128, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Godl 08] P. M. Godley, D. E. Cairns, J. Cowie, K. M. Swingler, and J. McCall. “The effects of mutation and directed intervention crossover when applied to scheduling chemotherapy”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1105–1106, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Goef 08] A. Goeffon, M. Nikolski, and D. J. Sherman. “An efficient probabilistic population-based descent for the median genome problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 315–322, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Gold 08] H. J. Goldsby and B. H. Cheng. “Avida-MDE: a digital evolution approach to generating models of adaptive software behavior”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1751–1758, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Gonc 08] R. Gonçalves, M. C. Goldbarg, E. F. Goldbarg, and M. R. Delgado. “Warping search: a new metaheuristic applied to the protein structure prediction”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 349–350, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Gots 08] S. Gotshall and T. Soule. “Evolving stable behavior in a spino-neuromuscular system model”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 283–284, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Grab 08] L. M. Grabowski, W. R. Elsberry, C. Ofria, and R. T. Pennock. “On the evolution of motility and intelligent tactic response”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 209–216, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Gree 08] C. S. Greene, B. C. White, and J. H. Moore. “Using expert knowledge in initialization for genome-wide analysis of epistasis using genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 351–352, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Grim 08] C. Grimme, J. Lepping, and A. Papaspyrou. “Discovering performance bounds for grid scheduling by using evolutionary multiobjective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1491–1498, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Gyur 08] G. Gyurecz. “Genetic algorithm in removing local NURBS surface irregularities using highlight lines”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1703–1704, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hack 08] S. Häckel, M. Fischer, D. Zechel, and T. Teich. “A multi-objective ant colony approach for pareto-optimization using dynamic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard,

- J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 33–40, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hana 08] Y. Hanada, T. Hiroyasu, and M. Miki. “Analysis of the performance of genetic multi-step search in interpolation and extrapolation domain”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1107–1108, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Happ 08] E. Happ, D. Johannsen, C. Klein, and F. Neumann. “Rigorous analyses of fitness-proportional selection for optimizing linear functions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 953–960, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hard 08] N. E. Hardison, T. J. Fanelli, S. M. Dudek, D. M. Reif, M. D. Ritchie, and A. A. Motsinger-Reif. “A balanced accuracy fitness function leads to robust analysis using grammatical evolution neural networks in the case of class imbalance”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 353–354, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hasi 08] I. Hasircioglu, H. R. Topcuoglu, and M. Ermis. “3-D path planning for the navigation of unmanned aerial vehicles by using evolutionary algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1499–1506, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hass 08] G. Hassan and C. D. Clack. “Multiobjective robustness for portfolio optimization in volatile environments”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1507–1514, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Haus 08] M. W. Hauschild, M. Pelikan, K. Sastry, and D. E. Goldberg. “Using previous models to bias structural learning in the hierarchical BOA”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 415–422, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hern 08] A. Hernández-Aguirre, E. Villa-Diharce, and S. Barba-Moreno. “An estimation distribution algorithm with the spearman’s rank correlation index”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener,

Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 469–470, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Hida 08] J. I. Hidalgo, J. L. Risco-Martín, D. Atienza, and J. Lanchares. “Analysis of multi-objective evolutionary algorithms to optimize dynamic data types in embedded systems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1515–1522, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hira 08] Y. Hirayama, T. Clarke, and J. F. Miller. “Fault tolerant control using Cartesian genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1523–1530, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hold 08] E. A. Holdener and D. R. Tauritz. “Learning offspring optimizing mate selection”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1109–1110, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Holm 08] T. Holmes and J. Zanker. “Eye on the prize: using overt visual attention to drive fitness for interactive evolutionary computation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1531–1538, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hong 08a] Y. Hong, S. Kwong, H. Xiong, and Q. Ren. “Data clustering using virtual population based incremental learning algorithm with similarity matrix encoding strategy”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 471–472, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hong 08b] Y. Hong, S. Kwong, H. Xiong, and Q. Ren. “Genetic-guided semi-supervised clustering algorithm with instance-level constraints”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1381–1388, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Horo 08] C. Horoba and F. Neumann. “Benefits and drawbacks for the use of epsilon-dominance in evolutionary multi-objective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 641–648, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Howa 08] G. D. Howard, L. Bull, and P.-L. Lanzi. “Self-adaptive constructivism in Neural XCS and XCSF”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen,

- J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1389–1396, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Howd 08] D. Howden and T. Hendtlass. “Collective intelligence and bush fire spotting”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 41–48, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Hu 08] T. Hu and W. Banzhaf. “Measuring rate of evolution in genetic programming using amino acid to synonymous substitution ratio ka/ks ”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1337–1338, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Icla 08] D. Iclanzan and D. Dumitrescu. “Going for the big fishes: discovering and combining large neutral and massively multimodal building-blocks with model based macro-mutation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 423–430, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ishi 08a] H. Ishibuchi, N. Tsukamoto, Y. Hitotsuyanagi, and Y. Nojima. “Effectiveness of scalability improvement attempts on the performance of NSGA-II for many-objective problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 649–656, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ishi 08b] H. Ishibuchi, N. Tsukamoto, and Y. Nojima. “Maintaining the diversity of solutions by non-geometric binary crossover: a worst one-max solver competition case study”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1111–1112, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jage 08] J. Jägersküpper and M. Preuss. “Aiming for a theoretically tractable CSA variant by means of empirical investigations”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 503–510, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jaim 08] A. L. Jaimes, C. A. Coello Coello, and D. Chakraborty. “Objective reduction using a feature selection technique”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 673–680, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Jame 08] D. James. “A comparison of speciation, extinction, and complexification in neuroevolution with and without selection pressure”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 529–530, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jaro 08] J. Jaros and V. Dvorak. “An evolutionary design technique for collective communications on optimal diameter-degree networks”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1539–1546, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jask 08] W. Jaśkowski, K. Krawiec, and B. Wieloch. “Fitnessless coevolution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 355–362, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jian 08a] F. Jiang, H. Berry, and M. Schoenauer. “Unsupervised learning of echo state networks: balancing the double pole”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 869–870, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jian 08b] H. yi Jiang and C. K. Chang. “Deriving evaluation metrics for applicability of genetic algorithms to optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1113–1114, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jord 08] J. Jordan, S. Helwig, and R. Wanka. “Social interaction in particle swarm optimization, the ranked FIPS, and adaptive multi-swarms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 49–56, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Jorg 08] n. Jorge Pe. “Theoretical and empirical study of particle swarms with additive stochasticity and different recombination operators”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 95–102, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Juls 08] B. A. Julstrom. “An evolutionary algorithm for some cases of the single-source constrained plant location problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica,

E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 607–608, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Jung 08] J.-Y. Jung and J. A. Reggia. “Nested evolution of an autonomous agent using descriptive encoding”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 285–286, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Juni 08] A. R. L. Junior and T. A. E. Ferreira. “A hybrid method for tuning neural network for time series forecasting”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 531–532, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kabl 08] R. Kabli, J. McCall, F. Herrmann, and E. Ong. “Evolved bayesian networks as a versatile alternative to partin tables for prostate cancer management”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1547–1554, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kame 08] Y. Kameya, J. Kumagai, and Y. Kurata. “Accelerating genetic programming by frequent subtree mining”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1203–1210, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kano 08] H. Kanoh and K. Hara. “Hybrid genetic algorithm for dynamic multi-objective route planning with predicted traffic in a real-world road network”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 657–664, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kass 08] Y. Kassahun, J. de Gea, M. Edgington, J. H. Metzen, and F. Kirchner. “Accelerating neuroevolutionary methods using a Kalman filter”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1397–1404, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Katt 08] A. Kattan and R. Poli. “Evolutionary lossless compression with GP-ZIP*”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1211–1218, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Kauf 08] P. Kaufmann and M. Platzner. “Advanced techniques for the creation and propagation of modules in cartesian genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1219–1226, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kell 08] R. E. Keller and R. Poli. “Subheuristic search and scalability in a hyperheuristic”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 609–610, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Khal 08] A. Khaled and B. A. Julstrom. “Greedy heuristics and evolutionary algorithms for the bounded minimum-label spanning tree problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 611–612, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Khem 08] N. Khemka, S. Novakowski, G. Hushlak, and C. Jacob. “Evolutionary design of dynamic SwarmScapes”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 827–834, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Khos 08] M. Khosraviani, S. Pour-Mozafari, and M. M. Ebadzadeh. “Convergence analysis of quantum-inspired genetic algorithms with the population of a single individual”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1115–1116, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kim 08] Y.-H. Kim. “Linear transformation in Pseudo-Boolean functions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1117–1118, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Klam 08] A. D. Klamargias, K. E. Parsopoulos, P. D. Alevizos, and M. N. Vrahatis. “Particle filtering with particle swarm optimization in systems with multiplicative noise”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 57–62, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Knoe 08] D. B. Knoester, P. K. McKinley, and C. Ofria. “Cooperative network construction using digital germlines”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference*

on Genetic and evolutionary computation, pp. 217–224, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Koda 08] S. P. Kodali, S. Bandaru, K. Deb, P. Munshi, and N. N. Kishore. “Applicability of genetic algorithms to reconstruction of projected data from ultrasonic tomography”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1705–1706, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kohl 08] N. Kohl and R. Miikkulainen. “Evolving neural networks for fractured domains”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1405–1412, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Koma 08] H. Komatsu, Y. Hashimoto, Y. Chen, and H. Ohashi. “An evolvability-enhanced artificial embryogeny for generating network structures”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 835–842, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kowa 08] T. Kowaliw. “Measures of complexity for artificial embryogeny”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 843–850, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Krah 08] P. Krah. “Towards efficient evolution of morphology and control”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 287–288, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Krui 08] J. W. Kruisselbrink, T. Bäck, A. P. IJzerman, and E. van der Horst. “Evolutionary algorithms for automated drug design towards target molecule properties”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1555–1562, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kuma 08a] R. Kumar, A. H. Joshi, K. K. Banka, and P. I. Rockett. “Evolution of hyperheuristics for the biobjective 0/1 knapsack problem by multiobjective genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1227–1234, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Kuma 08b] R. Kumar, P. Tolay, and S. Tiwary. “Enhancing solution quality of the biobjective graph coloring problem using hybridization of EA: biobjective graph coloring problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes,

- G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 547–554, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lakh 08] K. Lakhotia, M. Harman, and P. McMin. “Handling dynamic data structures in search based testing”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1759–1766, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [LaTo 08] A. LaTorre, n. José M. Pe V. Robles, and S. Muelas. “Using multiple offspring sampling to guide genetic algorithms to solve permutation problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1119–1120, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Le 08] M. N. Le, Y. S. Ong, and Q. H. Nguyen. “Optinformatics for schema analysis of binary genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1121–1122, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lee 08] J. eun Lee, M. Gen, and K. gu Rhee. “Designing a multistage reverse logistics network problem by hybrid genetic algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1707–1708, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Leig 08] R. Leigh, J. Schonfeld, and S. J. Louis. “Using coevolution to understand and validate game balance in continuous games”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1563–1570, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Leon 08] C. Leon, G. Miranda, and C. Segura. “Parallel hyperheuristic: a self-adaptive island-based model for multi-objective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 757–758, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lewi 08] T. E. Lewis and G. D. Magoulas. “TREAD: a new genetic programming representation aimed at research of long term complexity growth”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1339–1340, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Li 08a] C. Li, T. Hiroyasu, and M. Miki. “Stress-based crossover operator for structure topology optimization using small population size and variable length chromosome”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1341–1342, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Li 08b] Z. Li and E. D. Goodman. “A practical search index and population size analysis based on the building block hypothesis”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1123–1124, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lich 08] P. Lichodziejewski and M. I. Heywood. “Managing team-based problem solving with symbiotic bid-based genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 363–370, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lim 08] Y. T. Lim, P. C. Cheng, P. Rohatgi, and J. A. Clark. “MLS security policy evolution with genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1571–1578, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lima 08a] C. F. Lima, C. Fernandes, and F. G. Lobo. “Investigating restricted tournament replacement in ECGA for non-stationary environments”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 439–446, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lima 08b] C. F. Lima, F. G. Lobo, and M. Pelikan. “From mating pool distributions to model overfitting”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 431–438, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Liou 08] J.-J. Liou and Y. ping Chen. “Adaptive discretization on multidimensional continuous search spaces”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 977–984, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Liza 08a] G. Lizarraga-Lizarraga, A. Hernandez-Aguirre, and S. Botello-Rionda. “G-Metric: an M-ary quality indicator for the evaluation of non-dominated sets”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby,

- D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 665–672, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Liza 08b] G. Lizárraga-Lizárraga, A. Hernández-Aguirre, and S. Botello-Rionda. “On the possibility to create a compatible–complete unary comparison method for evolutionary multiobjective algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 759–760, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Llor 08] X. Llorà, N. I. Yasui, and D. E. Goldberg. “Graph-theoretic measure for active iGAs: interaction sizing and parallel evaluation ensemble”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 985–992, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Luna 08] F. Luna, C. Estébanez, C. León, J. M. Chaves-González, E. Alba, R. Aler, C. Segura, M. A. Vega-Rodríguez, A. J. Nebro, J. M. Valls, G. Miranda, and J. A. Gómez-Pulido. “Metaheuristics for solving a real-world frequency assignment problem in GSM networks”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1579–1586, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Lust 08] T. Lust. “Speed-up techniques for solving large-scale bTSP with the Two-Phase Pareto Local Search”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 761–762, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mabu 08] S. Mabu, Y. Chen, E. Ohkawa, and K. Hirasawa. “Stock trading strategies by genetic network programming with flag nodes”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1709–1710, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [MacN 08] P. E. MacNeil. “Genetic algorithms and solutions of an interesting differential equation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1711–1712, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mahd 08] P. Mahdabi, S. Jalili, and M. Abadi. “A multi-start quantum-inspired evolutionary algorithm for solving combinatorial optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO*

'08: *Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 613–614, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Marc 08] L. de Marcos, J.-J. Martínez, J.-A. Gutierrez, R. Barchino, and J.-M. Gutiérrez. “An evolutionary approach for competency-based curriculum sequencing”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1697–1698, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mart 08a] L. Martí, J. García, A. Berlanga, and J. M. Molina. “Introducing MONEDA: scalable multiobjective optimization with a neural estimation of distribution algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 689–696, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mart 08b] S. Z. Martínez and C. A. Coello Coello. “Hybridizing an evolutionary algorithm with mathematical programming techniques for multi-objective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 769–770, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mart 08c] F. V. Martins, E. G. Carrano, E. F. Wanner, and R. H. Takahashi. “The micro-genetic operator in the search of global trends”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1125–1126, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mats 08] S. Matsui and S. Yamada. “Optimizing hierarchical menus by genetic algorithm and simulated annealing”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1587–1594, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mayo 08] P. P. Mayorga-Alvarez and A. Hernández-Aguirre. “The directional EDA for global optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 473–474, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mazh 08] N. Mazhar and M. Farooq. “A sense of danger: dendritic cells inspired artificial immune system for manet security”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 63–70, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [McGi 08] B. McGinley, P. Rocke, F. Morgan, and J. Maher. “Reconfigurable analogue hardware evolution of adaptive spiking neural network controllers”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 289–290, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [McPh 08] N. F. McPhee and R. Poli. “Memory with memory: soft assignment in genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1235–1242, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Metz 08] J. H. Metzen, F. Kirchner, M. Edgington, and Y. Kassahun. “Towards efficient online reinforcement learning using neuroevolution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1425–1426, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Meye 08] S. Meyer-Nieberg and H.-G. Beyer. “Why noise may be good: additive noise on the sharp ridge”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 511–518, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Moen 08] H. J. F. Moen and S. Kristoffersen. “Multi-resistant radar jamming using genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1595–1602, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mont 08] M. A. Montes de Oca and T. Stützle. “Convergence behavior of the fully informed particle swarm optimization algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 71–78, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Mora 08] A. M. Mora García, P. A. C. Valdivieso, J. J. M. Guervós, E. A. Cid, A. I. Esparcia-Alcázar, and K. Sharman. “Discovering causes of financial distress by combining evolutionary algorithms and artificial neural networks”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1243–1250, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Muel 08] S. Muelas, n. José M. Pe V. Robles, and A. LaTorre. “Voronoi-initialized island models for solving real-coded deceptive problems”. In: M. Keijzer, G. Antoniol, C. B.

- Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 993–1000, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Murp 08] G. Murphy and C. Ryan. “Exploiting the path of least resistance in evolution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1251–1258, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Naja 08] M. Najafi and H. Beigy. “Using PCA to improve evolutionary cellular automata algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1129–1130, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Naka 08] T. Nakama. “Theoretical analysis of genetic algorithms in noisy environments based on a Markov Model”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1001–1008, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Neub 08] A. Neubauer. “Theory of the simple genetic algorithm with α -selection”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1009–1016, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Neum 08] F. Neumann, J. Reichel, and M. Skutella. “Computing minimum cuts by randomized search heuristics”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 779–786, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Nguy 08] Q. H. Nguyen, Y. S. Ong, and M. H. Lim. “Non-genetic transmission of memes by diffusion”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1017–1024, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Nich 08] J. Nicholson and M. White. “Maintaining population diversity by maintaining family structures”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 533–534, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Nits 08] G. Nitschke and M. Schut. “Designing multi-rover emergent specialization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 233–240, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Nojo 08] M. Nojournian and D. K. Nair. “Comparing genetic algorithm and guided local search methods by symmetric TSP instances”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1131–1132, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Nunk 08] R. Nunkesser. “Analysis of a genetic programming algorithm for association studies”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1259–1266, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ocho 08] G. Ochoa, M. Tomassini, S. Vérel, and C. Darabos. “A study of NK landscapes’ basins and local optima networks”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 555–562, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ohka 08] E. Ohkawa, Y. Chen, S. Mabu, K. Shimada, and K. Hirasawa. “Varying portfolio construction of stocks using genetic network programming with control nodes”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1715–1716, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Oliw 08] T. M. Oliwa. “Genetic algorithms and the abc music notation language for rock music composition”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1603–1610, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Oran 08] D. Oranchak. “Evolutionary algorithm for decryption of monoalphabetic homophonic substitution ciphers encoded as constraint satisfaction problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1717–1718, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Orti 08] A. O. Ortíz, n. Z. Angel E. Mu and A. H. Aguirre. “A hybrid system using PSO and data mining for determining the ranking of a new participant in Eurovision”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener,

Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1713–1714, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Osta 08] M. Ostaszewski, P. Bouvry, and F. Seredynski. “Denial of service detection and analysis using idiotypic networks paradigm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 79–86, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pant 08] M. Pant, R. Thangaraj, and A. Abraham. “A new quantum behaved particle swarm optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 87–94, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Papa 08] G. Papa. “Parameter-less evolutionary search”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1133–1134, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pape 08] G. Paperin. “Evolving sequence patterns for prediction of sub-cellular locations of eukaryotic proteins”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1135–1136, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Park 08] T. Park, R. Choe, and K. R. Ryu. “Dual-population genetic algorithm for nonstationary optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1025–1032, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Payn 08] J. L. Payne and M. J. Eppstein. “The influence of scaling and assortativity on takeover times in scale-free topologies”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 241–248, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pede 08a] G. K. Pedersen and Z. Yang. “Efficiency optimization of a multi-pump booster system”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1611–1618, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pede 08b] G. K. Pedersen and Z. Yang. “Estimation of pump-curves using genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes,

- G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1619–1626, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Peli 08a] M. Pelikan, K. G. Helmut, and S. Kobe. “Finding ground states of Sherrington-Kirkpatrick spin glasses with hierarchical boia and genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 447–454, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Peli 08b] M. Pelikan, K. Sastry, and D. E. Goldberg. “iBOA: the incremental bayesian optimization algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 455–462, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pfei 08] J. Pfeiffer, U. Golle, and F. Rothlauf. “Reference point based multi-objective evolutionary algorithms for group decisions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 697–704, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pire 08] E. J. S. Pires, L. Mendes, P. B. de Moura Oliveira, J. A. T. Machado, N. M. F. Ferreira, a. V. Jo and M. Rosário. “Single-objective front optimization: application to rf circuit design”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 765–766, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pirk 08] S. Pirkwieser and G. R. Raidl. “Finding consensus trees by evolutionary, variable neighborhood search, and hybrid algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 323–330, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pita 08] C. G. Pitangui and G. Zaverucha. “Genetic local search for rule learning”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1427–1428, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Pizz 08] C. Pizzuti. “Community detection in social networks with genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1137–1138, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Poli 08a] R. Poli and N. F. McPhee. “Parsimony pressure made easy”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1267–1274, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Poli 08b] R. Poli, N. F. McPhee, and L. Vanneschi. “Elitism reduces bloat in genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1343–1344, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Poli 08c] R. Poli, N. F. McPhee, and L. Vanneschi. “The impact of population size on code growth in GP: analysis and empirical validation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1275–1282, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Priesterjahn 08] S. Priesterjahn. “Imitation-based evolution of artificial players in modern computer games”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1429–1430, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Qase 08] M. Qasem and A. Prugel-Bennett. “Complexity of Max-SAT using stochastic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 615–616, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Quir 08] J. C. Quiroz, A. Banerjee, and S. J. Louis. “IGAP: interactive genetic algorithm peer to peer”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1719–1720, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Rahm 08] A. T. Rahmani and B. H. Helmi. “EIN-WUM: an AIS-based algorithm for web usage mining”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 291–292, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Raja 08] A. Raja, R. M. A. Azad, C. Flanagan, and C. Ryan. “VoIP speech quality estimation in a mixed context with genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO ’08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1627–1634, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Rami 08] J. A. Ramírez-Ruiz, M. Valenzuela-Rendón, and H. Terashima-Marín. “A new approach to fuzzy LCSs in two-dimensional continuous multistep environment with continuous vector actions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1433–1434, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ribe 08] J. C. B. Ribeiro, M. A. Zenha-Rela, and F. F. de Vega. “Strongly-typed genetic programming and purity analysis: input domain reduction for evolutionary testing problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1783–1784, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Risc 08] J. L. Risco-Martín, J. I. Hidalgo, J. Lanchares, and O. Garnica. “Solving discrete deceptive problems with EMMRS”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1139–1140, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Rome 08] F. J. Romero-Campero, H. Cao, M. Camara, and N. Krasnogor. “Structure and parameter estimation for cell systems biology models”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 331–338, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sahi 08] C. S. Sahin, E. Urrea, M. U. Uyar, M. Conner, I. Hokelek, M. Conner, G. Bertoli, and C. Pizzo. “Genetic algorithms for self-spreading nodes in MANETs”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1141–1142, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sale 08a] M. Saleem, S. A. Khayam, and M. Farooq. “A formal performance modeling framework for bio-inspired ad hoc routing protocols”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 103–110, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sale 08b] A. Salehi-Abari and T. White. “Enhanced generalized ant programming (EGAP)”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 111–118, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sant 08] L. V. Santana-Quintero, C. A. Coello Coello, and A. G. Hernandez-Diaz. “Hybridizing surrogate techniques, rough sets and evolutionary algorithms to efficiently solve multi-objective optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb,

- B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 763–764, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Saru 08] S. Saruwatari, X. Llorca, N. I. Yasui, H. Tamura, K. Sastry, and D. E. Goldberg. “Speeding online synthesis via enforced selecto-recombination”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1635–1642, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sato 08a] Y. Sato, D. Goldberg, and K. Sastry. “Improving small population performance under noise with viral infection + tropism”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1143–1144, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sato 08b] Y. Sato, R. Suzuki, and Y. Akatsuka. “Dependencies on player formation in event-driven hybrid learning classifier systems for soccer video games”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1721–1722, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Schu 08a] O. Schuetze, C. A. Coello Coello, E. Tantar, and E.-G. Talbi. “Computing finite size representations of the set of approximate solutions of an MOP with stochastic search algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 713–720, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Schu 08b] O. Schuetze, G. Sanchez, and C. A. Coello Coello. “A new memetic strategy for the numerical treatment of multi-objective optimization problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 705–712, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Seix 08] F. L. Seixas, L. S. Ochi, A. Conci, and D. M. Saade. “Image registration using genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1145–1146, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Seo 08] K. Seo and S. Hyun. “Genetic programming based automatic gait generation for quadruped robots”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica,

E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 293–294, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Serv 08a] T. C. Service and D. R. Tauritz. “Co-optimization algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 387–388, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Serv 08b] T. C. Service and D. R. Tauritz. “A no-free-lunch framework for coevolution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 371–378, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Shaf 08] M. Z. Shafiq, S. A. Khayam, and M. Farooq. “Improving accuracy of immune-inspired malware detectors by using intelligent features”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 119–126, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Shak 08] S. Shakya and R. Santana. “An EDA based on local markov property and gibbs sampling”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 475–476, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Shar 08] D. Sharma, K. Deb, and N. N. Kishore. “A domain-specific crossover and a helper objective for generating minimum weight compliant mechanisms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1723–1724, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Shea 08] A. Sheahan and C. Ryan. “A transformation-based approach to static multiprocessor scheduling”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1041–1048, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Shi 08] M. Shi. “An empirical comparison of evolution and coevolution for designing artificial neural network game players”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 379–386, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Shir 08] O. M. Shir, J. Roslund, T. Baeck, and H. Rabitz. “Performance analysis of derandomized evolution strategies in quantum control experiments”. In: M. Keijzer, G. Antoniol,

- C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 519–526, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Simo 08] C. L. Simons and I. C. Parmee. “Agent-based support for interactive search in conceptual software engineering design”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1785–1786, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Slan 08] K. Slany. “Branch predictor on-line evolutionary system”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1643–1648, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Smal 08] J. Smaldon, J. Blakes, N. Krasnogor, and D. Lancet. “A multi-scaled approach to artificial life simulation with P systems and dissipative particle dynamics”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 249–256, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Song 08] A. Song and D. Fang. “Robust method of detecting moving objects in videos evolved by genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1649–1656, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Spec 08] L. Spector, D. M. Clark, I. Lindsay, B. Barr, and J. Klein. “Genetic programming for finite algebras”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1291–1298, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Stal 08] P. Stalph, M. Ebner, M. Michel, B. Pfaff, and R. Benz. “Multiobjective evolution of a fuzzy controller in a sewage treatment plant”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 535–536, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Stei 08a] T. Steiner, Y. Jin, and B. Sendhoff. “A cellular model for the evolutionary development of lightweight material with an inner structure”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 851–858, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Stein 08b] W. Steitz and F. Rothlauf. “Orientation matters: how to efficiently solve oost problems with problem-specific EAs”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 563–570, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Stib 08] T. Stibor. “Discriminating self from non-self with finite mixtures of multivariate Bernoulli distributions”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 127–134, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ston 08] F. Stonedahl, W. Rand, and U. Wilensky. “CrossNet: a framework for crossover with network-based chromosomal representations”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1057–1064, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Sudh 08] D. Sudholt and C. Witt. “Runtime analysis of binary PSO”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 135–142, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Talu 08] A. K. A. Talukder, M. Kirley, and R. Buyya. “A pareto following variation operator for fast-converging multiobjective evolutionary algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 721–728, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Tane 08] I. Tanev and K. Shimohara. “Co-evolution of active sensing and locomotion gaits of simulated snake-like robot”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 257–264, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Teix 08] F. Teixidó-Navarro, A. Orriols-Puig, and E. Bernadó-Mansilla. “Hierarchical evolution of linear regressors”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1413–1420, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Tera 08] H. Terashima-Marín, J. C. Ortiz-Bayliss, P. Ross, and M. Valenzuela-Rendón. “Hyper-heuristics for the dynamic variable ordering in constraint satisfaction problems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore,

- F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 571–578, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Tiwa 08] S. Tiwari, P. Koch, G. Fadel, and K. Deb. “AMGA: an archive-based micro genetic algorithm for multi-objective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 729–736, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Toya 08] F. Toyama, K. Shoji, and J. Miyamichi. “An iterated greedy algorithm for the node placement problem in bidirectional Manhattan street networks”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 579–584, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Tren 08] S. Trendelenburg, J. Becker, F. Henrici, and Y. Manoli. “A GP algorithm for efficient synthesis of GM-C filters on a hexagonal FPAA structure”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 295–296, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Troi 08] L. Troiano, C. Birtolo, and M. Miranda. “Adapting palettes to color vision deficiencies by genetic algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1065–1072, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Trou 08] N. P. Troutman, B. E. Eskridge, and D. F. Hougen. “Is "best-so-far" a good algorithmic performance metric?”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1147–1148, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Truj 08a] L. Trujillo, G. Olague, E. Lutton, and F. F. de Vega. “Behavior-based speciation for evolutionary robotics”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 297–298, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Truj 08b] L. Trujillo, G. Olague, E. Lutton, and F. F. de Vega. “Multiobjective design of operators that detect points of interest in images”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1299–1306, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Tsuji 08] M. Tsuji, M. Munetomo, and K. Akama. “Empirical investigations on parallel competent genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1073–1080, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Tuft 08] G. Tufte. “Phenotypic, developmental and computational resources: scaling in artificial development”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 859–866, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Turn 08] C. J. Turner, A. Tiwari, and J. Mehnen. “A genetic programming approach to business process mining”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1307–1314, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Ulri 08] T. Ulrich, D. Brockhoff, and E. Zitzler. “Pattern identification in pareto-set approximations”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 737–744, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Urba 08] R. J. Urbanowicz, N. Barney, B. C. White, and J. H. Moore. “Mask functions for the symbolic modeling of epistasis using genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 339–346, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Urfa 08] O. Urfalioglu, A. E. Cetin, and E. E. Kuruoglu. “Levy walk evolution for global optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 537–538, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Vald 08] S. I. Valdez, A. Hernandez-Aguirre, and S. Botello-Rionda. “Designing EDAs by using the elitist convergent EDA concept and the boltzmann distribution”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 477–478, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Vals 08] V. K. Valsalam and R. Miikkulainen. “Modular neuroevolution for multilegged locomotion”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller,

- J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 265–272, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [van 08] D. W. F. van Krevelen and G. S. Nitschke. “Neuro-evolution for a gathering and collective construction task”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 225–232, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [von 08] S. von Mammen and C. Jacob. “Evolutionary swarm design of architectural idea models”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 143–150, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Vull 08] S. S. Vulli and S. Agarwal. “Individual-based artificial ecosystems for design and optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 273–280, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wagn 08] N. Wagner and Z. Michalewicz. “An analysis of adaptive windowing for time series forecasting in dynamic environments: further tests of the DyFor GP model”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1657–1664, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wang 08] Y. Wang, Z. Bai, M. Zhang, W. Du, Y. Qin, and X. Liu. “Fitness calculation approach for the switch-case construct in evolutionary testing”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1767–1774, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wann 08] E. F. Wanner, E. G. Carrano, and R. H. Takahashi. “Coordinate change operators for genetic algorithms”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1149–1150, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wedg 08] D. C. Wedge and D. B. Kell. “Rapid prediction of optimum population size in genetic programming using a novel genotype -: fitness correlation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1315–1322, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Weis 08] T. Weise, S. Niemczyk, H. Skubch, R. Reichle, and K. Geihs. “A tunable model for multi-objective, epistatic, rugged, and neutral fitness landscapes”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 795–802, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wen 08] F. Wen, X. Gao, and M. Gen. “A novel approach to route selection in car navigation systems by a multiobjective genetic algorithm”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 767–768, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Weyl 08] D. Weyland. “Simulated annealing, its parameter settings and the longest common subsequence problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 803–810, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Whit 08a] J. M. Whitacre, H. A. Abbass, R. Sarker, A. Bender, and S. Baker. “Strategic positioning in tactical scenario planning”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1081–1088, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Whit 08b] D. R. White, J. Clark, J. Jacob, and S. M. Poulding. “Searching for resource-efficient programs: low-power pseudorandom number generators”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1775–1782, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Whit 08c] T. White and A. Salehi-Abari. “A swarm-based crossover operator for genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1345–1346, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Whit 08d] D. Whitley and J. Rowe. “Focused no free lunch theorems”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 811–818, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Whit 08e] D. Whitley, A. M. Sutton, and A. E. Howe. “Understanding elementary landscapes”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and

- I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 585–592, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wick 08] U. K. Wickramasinghe and X. Li. “Integrating user preferences with particle swarms for multi-objective optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 745–752, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wije 08] G. Wijesinghe and V. Ciesielski. “Experiments with indexed FOR-loops in genetic programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1347–1348, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Will 08] A. Willis, S. Patel, and C. D. Clack. “GP age-layer and crossover effects in bid-offer spread prediction”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1665–1672, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wink 08] S. M. Winkler, M. Affenzeller, and S. Wagner. “Fine-grained population diversity estimation for genetic programming based structure identification”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1435–1436, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Wu 08] S. X. Wu and W. Banzhaf. “Combatting financial fraud: a coevolutionary anomaly detection approach”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1673–1680, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Xie 08] H. Xie, M. Zhang, P. Andreae, and M. Johnson. “An analysis of multi-sampled issue and no-replacement tournament selection”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1323–1330, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Yan 08] W. Yan, M. D. Sewell, and C. D. Clack. “Learning to optimize profits beats predicting returns -: comparing techniques for financial portfolio optimisation”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1681–1688, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Yang 08] L. Yang, H. Huang, and Y. Liu. “A coevolution archive based on problem dimension”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 389–390, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Yoge 08a] O. Yorgev, A. A. Shapiro, and E. K. Antonsson. “Growth control and disease mechanisms in computational embryogeny”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 871–872, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Yoge 08b] O. Yorgev, A. A. Shapiro, and E. K. Antonsson. “Modularity and symmetry in computational embryogeny”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1151–1152, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Yoon 08] Y. Yoon, Y.-H. Kim, and B.-R. Moon. “Feasibility-preserving crossover for maximum k-coverage problem”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 593–598, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Yu 08a] H. Yu. “Optimizing task schedules using an artificial immune system approach”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 151–158, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Yu 08b] T.-L. Yu and W.-K. Lin. “Optimal sampling of genetic algorithms on polynomial regression”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1089–1096, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Zama 08] M. Zamalloa, L. J. Rodriguez-Fuentes, n. Mikel Pe G. Bordel, and J. P. Uribe. “Comparing genetic algorithms to principal component analysis and linear discriminant analysis in reducing feature dimensionality for speaker recognition”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1153–1154, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Zhan 08a] J. Zhang, K. Liu, Y. Tan, and X. He. “Allocation of local and global search capabilities of particle in canonical PSO”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica,

E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 165–166, ACM, Atlanta, GA, USA, 12-16 July 2008.

- [Zhan 08b] J. Zhang, K. Liu, Y. Tan, and X. He. “Magnifier particle swarm optimization for numerical optimization”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 167–168, ACM, Atlanta, GA, USA, 12-16 July 2008.
- [Zhan 08c] K. Zhang, S. Sun, and H. Si. “Prediction of retention times for a large set of pesticides based on improved gene expression programming”. In: M. Keijzer, G. Antoniol, C. B. Congdon, K. Deb, B. Doerr, N. Hansen, J. H. Holmes, G. S. Hornby, D. Howard, J. Kennedy, S. Kumar, F. G. Lobo, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, J. Pollack, K. Sastry, K. Stanley, A. Stoica, E.-G. Talbi, and I. Wegener, Eds., *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, pp. 1725–1726, ACM, Atlanta, GA, USA, 12-16 July 2008.