Список литературы

- [1] Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, eds. GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation. Washington DC, USA: ACM Press. 2005.
 - URL http://portal.acm.org/citation.cfm?id=1068009&jmp=cit&coll=GUIDE&dl=GUIDE& CFID=48779769&CFTOKEN=55479664#supp
- [2] Paul C, Lipson H, Cuevas FJV. Evolutionary form-finding of tensegrity structures. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 3–10.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p3.pdf
- [3] Valsalam V, Bednar J, Miikkulainen R. Constructing good learners using evolved pattern generators. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 11–18.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p11.pdf
- [4] Schonfeld J, Ashlock D. A study of evolutionary robustness in stochastically tiled polyominos. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 19-26.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p19.pdf
- [5] Becerra RL, Coello Coello CA. Optimization with constraints using a cultured differential evolution approach. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 27–34.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p27.pdf
- [6] Scheutz M, Schermerhorn P. Predicting population dynamics and evolutionary trajectories based on performance evaluations in alife simulations. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 35–42. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p35.pdf
- [7] Downing KL. The predictive basis of situated and embodied artificial intelligence. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 43–50.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p43.pdf
- [8] McPartland M, Nolfi S, Abbass HA. Emergence of communication in competitive multi-agent systems: a pareto multi-objective approach. In: GECCO 2005: Proceedings of the 2005 conference

- on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 51–58. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p51.pdf
- [9] Ashlock D, Kim EY. The impact of cellular representation on finite state agents for prisoner's dilemma. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 59–66.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p59.pdf
- [10] Liang HL, Lee C, Wu JS. Multiplex PCR primer design for gene family using genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 67-74.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p67.pdf
- [11] Eiben AE, Schut MC, Toma T. Comparing multicast and newscast communication in evolving agent societies. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 75–81. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p75.pdf
- [12] Gordon TGW, Bentley PJ. Bias and scalability in evolutionary development. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer
- HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 83–90. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p83.pdf
- [13] Luke S. Evolutionary computation and the c-value paradox. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 91–97. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p91.pdf
- [14] Rieffel J, Pollack J. Automated assembly as situated development: using artificial ontogenies to evolve buildable 3-D objects. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 99–106. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p99.pdf
- [15] Breukelaar R, Bäck T. Using a genetic algorithm to evolve behavior in multi dimensional cellular automata: emergence of behavior. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 107–114. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p107.pdf

- [16] Schlessinger E, Bentley PJ, Lotto RB. Evolving visually guided agents in an ambiguous virtual world. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 115–120.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p115.pdf
- [17] Cazangi RR, Von Zuben FJ, Figueiredo MF. Autonomous navigation system applied to collective robotics with ant-inspired communication. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 121–128. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p121.pdf
- [18] Brabazon A, Silva A, de Sousa TF, O'Neill M, Matthews R, Costa E. Agent-based modelling of product invention. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 129–136. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p129.pdf
- [19] Stout A, Spector L. Validation of evolutionary activity metrics for long-term evolutionary dynamics. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 137–142.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p137.pdf
- [20] Murata T, Yamaguchi M. Neighboring crossover to improve GA-based Q-learning method for multi-legged robot control. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 145-146.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p145.pdf
- [21] Parker G, Georgescu R. Evolution of multi-loop controllers for fixed morphology with a cyclic genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 147–148.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p147.pdf
- [22] Matos A, Suzuki R, Arita T. Evolutionary models for maternal effects in simulated developmental systems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 149–150.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p149.pdf
- [23] Wedde HF, Farooq M, Pannenbaecker T, Vogel B, Mueller C, Meth J, Jeruschkat R. BeeAdHoc: an energy efficient routing algorithm for mobile ad hoc networks inspired by bee behavior. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation,

edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 153–160.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p153.pdf

- [24] Settles M, Soule T. Breeding swarms: a GA/PSO hybrid. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 161–168. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p161.pdf
- [25] Poli R, Di Chio C, Langdon WB. Exploring extended particle swarms: a genetic programming approach. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 169–176.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p169.pdf
- [26] Das S, Konar A, Chakraborty UK. Improving particle swarm optimization with differentially perturbed velocity. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 177–184.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p177.pdf
- [27] Settles M, Nathan P, Soule T. Breeding swarms: a new approach to recurrent neural network training. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 185–192.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p185.pdf
- [28] Monson CK, Seppi KD. Bayesian optimization models for particle swarms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 193–200. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p193.pdf
- [29] Kennedy J. Dynamic-probabilistic particle swarms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 201–207. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p201.pdf
- [30] Zavala AEM, Aguirre AH, Diharce ERV. Constrained optimization via particle evolutionary swarm optimization algorithm (PESO). In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 209–216.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p209.pdf

- [31] Hartmann V. Evolving agent swarms for clustering and sorting. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 217–224. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p217.pdf
- [32] Mezura-Montes E, Velázquez-Reyes J, Coello Coello CA. Promising infeasibility and multiple offspring incorporated to differential evolution for constrained optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 225–232.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p225.pdf
- [33] Fleischer M. Scale invariant pareto optimality: a meta-formalism for characterizing and modeling cooperativity in evolutionary systems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 233–240.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p233.pdf
- [34] Monson CK, Seppi KD. Exposing origin-seeking bias in PSO. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 241–248. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p241.pdf
- [35] Foong WK, Maier HR, Simpson AR. Ant colony optimization for power plant maintenance scheduling optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 249–256.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p249.pdf
- [36] Raquel CR, Naval, Jr PC. An effective use of crowding distance in multiobjective particle swarm optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 257–264.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p257.pdf
- [37] Liu BF, Chen HM, Chen JH, Hwang SF, Ho SY. MeSwarm: memetic particle swarm optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 267–268.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p267.pdf
- [38] El-Abd M, Kamel M. Factors governing the behavior of multiple cooperating swarms. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M,

- Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 269–270.
- URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p269.pdf
- [39] Bui TN, Colpan M. Solving geometric TSP with ants. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 271–272. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p271.pdf
- [40] Schmickl T, Thenius R, Crailsheim K. Simulating swarm intelligence in honey bees: foraging in differently fluctuating environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 273–274.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p273.pdf
- [41] Bello R, Nowe A, Caballero Y, Gómez Y, Vrancx P. A model based on ant colony system and rough set theory to feature selection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 275–276.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p275.pdf
- [42] Cui Z, Zeng J. A modified particle swarm optimization predicted by velocity. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 277–278. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p277.pdf
- [43] Ji Z, Dasgupta D. Estimating the detector coverage in a negative selection algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 281–288.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p281.pdf
- URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p281.pdf
- [44] de França FO, Von Zuben FJ, de Castro LN. An artificial immune network for multimodal function optimization on dynamic environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 289–296. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p289.pdf
- [45] González FA, Galeano JC, Rojas DA, Veloza-Suan A. Discriminating and visualizing anomalies using negative selection and self-organizing maps. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 297–304. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p297.pdf
- [46] Guo Z, Han HK, Tay JC. Sufficiency verification of HIV-1 pathogenesis based on multi-agent simulation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary

computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 305–312.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p305.pdf

[47] Spellward P, Kovacs T. On the contribution of gene libraries to artificial immune systems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 313–319.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p313.pdf

[48] Stibor T, Mohr P, Timmis J, Eckert C. Is negative selection appropriate for anomaly detection? In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 321–328.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p321.pdf

- [49] Wu JY, Chung YK. Artificial immune system for solving generalized geometric problems: a preliminary results. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 329–336.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p329.pdf
- [50] Shapiro JM, Lamont GB, Peterson GL. An evolutionary algorithm to generate hyper-ellipsoid detectors for negative selection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 337–344.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p337.pdf
- [51] Hang X, Dai H. Applying both positive and negative selection to supervised learning for anomaly detection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 345–352.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p345.pdf
- [52] Nunn I, White T. The application of antigenic search techniques to time series forecasting. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 353–360.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p353.pdf

[53] Galeano JC, Veloza-Suan A, González FA. A comparative analysis of artificial immune network models. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1.

```
Washington DC, USA: ACM Press. 2005; pp. 361-368. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p361.pdf
```

- [54] Knidel H, de Castro LN, Von Zuben FJ. RABNET: a real-valued antibody network for data clustering. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 371–372.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p371.pdf
- [55] Gong M, Jiao L, Du H, Shang R, Lu B. Performance assessment of an artificial immune system multiobjective optimizer by two improved metrics. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 373–374. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p373.pdf
- [56] Payne JL, Eppstein MJ. A hybrid genetic algorithm with pattern search for finding heavy atoms in protein crystals. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 377–384.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p377.pdf
- [57] Bui TN, Sundarraj G. An efficient genetic algorithm for predicting protein tertiary structures in the 2D HP model. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 385–392.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p385.pdf
- [58] Koduru P, Das S, Welch S, Roe JL, Lopez-Dee ZP. A co-evolutionary hybrid algorithm for multi-objective optimization of gene regulatory network models. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 393-399. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p393.pdf
- [59] Seehuus R, Tveit A, Edsberg O. Discovering biological motifs with genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 401–408.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p401.pdf
- [60] Townsend GC, Hazel WN, Smock R. Using evolutionary computation methods to support analytical models for the evolution and maintenance of conditional strategies in chthamalus anisopoma. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 409–414.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p409.pdf

- [61] Poladian L. A GA for maximum likelihood phylogenetic inference using neighbour-joining as a genotype to phenotype mapping. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 415–422.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p415.pdf
- [62] Hohm T, Hoffmann D. A multi-objective evolutionary approach to peptide structure redesign and stabilization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 423–429.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p423.pdf
- [63] Ressom H, Varghese RS, Saha D, Orvisky E, Goldman L, Petricoin EF, Conrads TP, Veenstra TD, Abdel-Hamid M, Loffredo CA, Goldman R. Particle swarm optimization for analysis of mass spectral serum profiles. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 431–438.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p431.pdf
- [64] Noman N, Iba H. Inference of gene regulatory networks using s-system and differential evolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 439–446.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p439.pdf
- [65] Che D, Song Y, Rasheed K. MDGA: motif discovery using a genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 447–452. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p447.pdf
- [66] Paul TK, Iba H. Extraction of informative genes from microarray data. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 453–460. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p453.pdf
- [67] Firpi H, Goodman E, Echauz J. Epileptic seizure detection by means of genetically programmed artificial features. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 461–466.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p461.pdf
- [68] Spieth C, Streichert F, Speer N, Zell A. Identifying valid solutions for the inference of regulatory networks. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis

- S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 469–470.
- URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p469.pdf
- [69] Cairns DE, Cameron GJ, Wess TJ. Evolving an improved axial structure for fibrillar collagen. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 471–472.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p471.pdf
- [70] Aguilar-Ruiz JS, Divina F. GA-based approach to discover meaningful biclusters. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 473–474.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p473.pdf
- [71] Lin FM, Huang HD, Huang HY, Horng JT. Primer design for multiplex PCR using a genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 475–476.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p475.pdf
- [72] Seeluangsawat P, Chongstitvatana P. A multiple objective evolutionary algorithm for multiple sequence alignment. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 477–478.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p477.pdf
- [73] Wiese KC, Hendriks A, Deschênes A, Youssef BB. The impact of pseudorandom number quality on P-RnaPredict, a parallel genetic algorithm for RNA secondary structure prediction. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 479–480.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p479.pdf
- [74] de Jong E. The MaxSolve algorithm for coevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 483–489.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p483.pdf
- [75] Gomez FJ, Schmidhuber J. Co-evolving recurrent neurons learn deep memory POMDPs. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 491–498.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p491.pdf

- [76] Ficici SG. Monotonic solution concepts in coevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 499–506. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p499.pdf
- [77] Popovici E, De Jong K. Understanding cooperative co-evolutionary dynamics via simple fitness landscapes. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 507–514.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p507.pdf
- [78] Funes P, Pujals E. Intransitivity revisited coevolutionary dynamics of numbers games. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 515–521.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p515.pdf
- [79] Williams N, Mitchell M. Investigating the success of spatial coevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 523–530. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p523.pdf
- [80] Bongard JC, Lipson H. 'Managed challenge' alleviates disengagement in co-evolutionary system identification. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 531–538.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p531.pdf
- [81] Bucci A, Pollack JB. On identifying global optima in cooperative coevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 539–544. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p539.pdf
- [82] Huang CF, Rocha LM. Tracking extrema in dynamic environments using a coevolutionary agent-based model of genotype edition. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 545–552.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p545.pdf
- [83] Duong DV, Grefenstette J. The emulation of social institutions as a method of coevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 555–556.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p555.pdf

- [84] Horn J. Shape nesting by coevolving species. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 557–558.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p557.pdf
- [85] Philemotte C, Bersini H. Intrinsic emergence boosts adaptive capacity. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 559–560. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p559.pdf
- [86] Lehmann KA, Kaufmann M. Evolutionary algorithms for the self-organized evolution of networks. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 563–570.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p563.pdf
- [87] Gunia C. On the analysis of the approximation capability of simple evolutionary algorithms for scheduling problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 571–578.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p571.pdf
- [88] Skellett B, Cairns B, Geard N, Tonkes B, Wiles J. Maximally rugged NK landscapes contain the highest peaks. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 579–584.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p579.pdf
- [89] Julstrom BA. The blob code is competitive with edge-sets in genetic algorithms for the minimum routing cost spanning tree problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 585–590.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p585.pdf
- [90] Tumer K, Agogino A. Coordinating multi-rover systems: evaluation functions for dynamic and noisy environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 591–598.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p591.pdf
- [91] Defaweux A, Lenaerts T, van Hemert J, Parent J. Transition models as an incremental approach for problem solving in evolutionary algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP,

- Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 599-606. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p599.pdf
- [92] Julstrom BA. Greedy, genetic, and greedy genetic algorithms for the quadratic knapsack problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 607–614.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p607.pdf
- [93] Hernandez G, Wilder K, Nino F, Garcia J. Towards a self-stopping evolutionary algorithm using coupling from the past. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 615–620. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p615.pdf
- [94] Tang J, Lim MH, Ong YS, Er MJ. Solving large scale combinatorial optimization using PMA-SLS. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 621–628.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p621.pdf
- [95] Yoon Y, Kim YH, Moon BR. An evolutionary lagrangian method for the 0/1 multiple knapsack problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 629–635.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p629.pdf
- [96] Terashima-Marín H, Flores-Álvarez EJ, Ross P. Hyper-heuristics and classifier systems for solving 2D-regular cutting stock problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 637–643. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p637.pdf
- [97] Perelman L, Ostfeld A. Water distribution systems optimal design using cross entropy. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 647–648.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p647.pdf
- [98] Borgulya I. A hybrid evolutionary algorithm for the p-median problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 649–650. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p649.pdf
- [99] Geem ZW, Lee KS, Tseng CL. Harmony search for structural design. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer

- HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 651–652. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p651.pdf
- [100] Butz MV, Pelikan M, Llorà X, Goldberg DE. Extracted global structure makes local building block processing effective in XCS. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 655-662. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p655.pdf
- [101] Pelikan M, Sastry K, Goldberg DE. Multiobjective hBOA, clustering, and scalability. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 663-670.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p663.pdf
- [102] Sastry K, Abbass HA, Goldberg DE, Johnson DD. Sub-structural niching in estimation of distribution algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 671-678.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p671.pdf
- [103] Droste S. Not all linear functions are equally difficult for the compact genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 679–686.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p679.pdf
- [104] Tanev I. Learned mutation strategies in genetic programming for evolution and adaptation of simulated snakebot. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 687–694.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p687.pdf
- [105] Wright AH, Pulavarty S. On the convergence of an estimation of distribution algorithm based on linkage discovery and factorization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 695–702.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p695.pdf
- [106] Sakuma J, Kobayashi S. Real-coded crossover as a role of kernel density estimation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 703–710.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p703.pdf

- [107] Yang S. Population-based incremental learning with memory scheme for changing environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 711–718.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p711.pdf
- [108] Yuan B, Gallagher M. On the importance of diversity maintenance in estimation of distribution algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 719–726.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p719.pdf
- [109] Shakya S, McCall J, Brown D. Using a Markov network model in a univariate EDA: an empirical cost-benefit analysis. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 727–734.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p727.pdf
- [110] Lima CF, Sastry K, Goldberg DE, Lobo FG. Combining competent crossover and mutation operators: a probabilistic model building approach. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 735-742.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p735.pdf
- [111] Hong Y, Ren Q, Zeng J. Genetic drift in univariate marginal distribution algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 745-746.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p745.pdf
- [112] Looks M, Goertzel B, Pennachin C. Learning computer programs with the bayesian optimization algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 747–748.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p747.pdf
- [113] Peña SIV, Rionda SB, Aguirre AH. Multiobjective shape optimization with constraints based on estimation distribution algorithms and correlated information. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 749–750. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p749.pdf
- [114] Huang CF, Bieniawski S, Wolpert DH, Strauss CEM. A comparative study of probability collectives based multi-agent systems and genetic algorithms. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly

- UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 751–752. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p751.pdf
- [115] Bosman PAN, de Jong ED. Exploiting gradient information in numerical multi-objective evolutionary optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 755-762.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p755.pdf
- [116] Neumann F, Wegener I. Minimum spanning trees made easier via multi-objective optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 763-769.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p763.pdf
- [117] Li M, Azarm S, Aute V. A multi-objective genetic algorithm for robust design optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 771-778.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p771.pdf
- [118] Bui LT, Abbass HA, Essam D. Fitness inheritance for noisy evolutionary multi-objective optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 779–785.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p779.pdf
- [119] Ishibuchi H, Narukawa K. Comparison of evolutionary multiobjective optimization with rference solution-based single-objective approach. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 787-794.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p787.pdf
- [120] Zhang Y, Rockett PI. Evolving optimal feature extraction using multi-objective genetic programming: a methodology and preliminary study on edge detection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 795–802. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p795.pdf
- [121] Kurz ME, Canterbury S. Minimizing total flowtime and maximum earliness on a single machine using multiple measures of fitness. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 803–809.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p803.pdf

- [122] Xu K, Louis SJ, Mancini RC. A scalable parallel genetic algorithm for x-ray spectroscopic analysis. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 811–816.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p811.pdf
- [123] Ishibuchi H, Narukawa K, Nojima Y. An empirical study on the handling of overlapping solutions in evolutionary multiobjective optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 817–824. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p817.pdf
- [124] Schmitt K, Mehnen J, Michelitsch T. Using predators and preys in evolution strategies. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 827–828.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p827.pdf
- [125] Watanabe S, Sakakibara K. The effectiveness of multiobjective optimizer in single-objective optimization environment. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 829–830. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p829.pdf
- [126] Storch T. On the impact of objective function transformations on evolutionary and black-box algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 833-840.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p833.pdf
- [127] Jansen T, Schellbach U. Theoretical analysis of a mutation-based evolutionary algorithm for a tracking problem in the lattice. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 841–848.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p841.pdf
- [128] Jägersküpper J, Witt C. Rigorous runtime analysis of a (μ+1)ES for the sphere function. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 849–856.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p849.pdf
- [129] Auger A, Schoenauer M, Teytaud O. Local and global order 3/2 convergence of a surrogate evolutionary algorithm. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum

- C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 857–864.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p857.pdf
- [130] Preuss M, Schönemann L, Emmerich M. Counteracting genetic drift and disruptive recombination in (μpluskommaλ)-EA on multimodal fitness landscapes. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 865–872.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p865.pdf
- [131] Li X. Efficient differential evolution using speciation for multimodal function optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 873–880.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p873.pdf
- [132] Liu J, Lampinen J. A differential evolution based incremental training method for RBF networks. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 881–888.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p881.pdf
- [133] Ho PY, Shimizu K. Simple addition of ranking method for constrained optimization in evolutionary algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 889–896.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p889.pdf
- [134] Nashvili M, Olhofer M, Sendhoff B. Morphing methods in evolutionary design optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 897–904.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p897.pdf
- [135] Phienthrakul T, Kijsirikul B. Evolutionary strategies for multi-scale radial basis function kernels in support vector machines. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 905-911.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p905.pdf
- [136] Shir OM, Bäck T. Niching in evolution strategies. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 915-916. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p915.pdf

- [137] Kramer O, Ting CK, Büning HK. A mutation operator for evolution strategies to handle constrained problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 917–918.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p917.pdf
- [138] Schmitt K. Using gene deletion and gene duplication in evolution strategies. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 919–920. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p919.pdf
- [139] Sait SM, Sanaullah S, Zaidi AM, Ali MI. Comparative evaluation of parallelization strategies for evolutionary and stochastic heuristics. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 921–922.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p921.pdf
- [140] Schönemann L. Optimal number of evolution strategies mutation step sizes in dynamic environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 923–924.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p923.pdf
- [141] Keymeulen D, Fink W, Ferguson MI, Peay C, Oks B, Terrile R, Yee K. Evolutionary computation applied to the tuning of MEMS gyroscopes. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 927-932. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p927.pdf
- [142] Vigraham SA, Gallagher JC, Boddhu SK. Evolving analog controllers for correcting thermoacoustic instability in real hardware. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 933–940. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p933.pdf
- [143] Prodan L, Udrescu M, Vladutiu M. Multiple-level concatenated coding in embryonics: a dependability analysis. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 941–948.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p941.pdf
- [144] Pakhira MK, De RK. A hardware pipeline for function optimization using genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M,

- Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 949–956.
- URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p949.pdf
- [145] Hunt R, Hornby GS, Lohn JD. Toward evolved flight. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 957–964. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p957.pdf
- [146] Noman N, Iba H. Enhancing differential evolution performance with local search for high dimensional function optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 967-974.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p967.pdf
- [147] McLoughlin, III JF, Cedeño W. The enhanced evolutionary tabu search and its application to the quadratic assignment problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 975–982.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p975.pdf
- [148] Quintana D, Luque C, Isasi P. Evolutionary rule-based system for IPO underpricing prediction. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 983–989.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p983.pdf
- [149] Das S, Konar A, Chakraborty UK. Two improved differential evolution schemes for faster global search. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 991–998.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p991.pdf
- [150] Duarte A, Ángel Sánchez, Fernández F, Cabido R. A low-level hybridization between memetic algorithm and VNS for the max-cut problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 999–1006. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p999.pdf
- [151] Adra SF, Griffin I, Fleming PJ. Hybrid multiobjective genetic algorithm with a new adaptive local search process. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1009–1010. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1009.pdf

- [152] McMinn P, Holcombe M. Evolutionary testing of state-based programs. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1013–1020.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1013.pdf
- [153] Briand LC, Labiche Y, Shousha M. Stress testing real-time systems with genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1021–1028.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1021.pdf
- [154] Harman M, Swift S, Mahdavi K. An empirical study of the robustness of two module clustering fitness functions. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1029–1036. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1029.pdf
- [155] Grosso CD, Antoniol G, Penta MD, Galinier P, Merlo E. Improving network applications security: a new heuristic to generate stress testing data. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1037–1043. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1037.pdf
- [156] Seng O, Bauer M, Biehl M, Pache G. Search-based improvement of subsystem decompositions. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1045–1051.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1045.pdf
- [157] Wappler S, Lammermann F. Using evolutionary algorithms for the unit testing of object-oriented software. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1053–1060.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1053.pdf
- [158] Zhan Y, Clark JA. Search-based mutation testing for Simulink models. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1061–1068.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1061.pdf
- [159] Canfora G, Penta MD, Esposito R, Villani ML. An approach for QoS-aware service composition based on genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum

- C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1069–1075. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1069.pdf
- [160] Sutton A, Kagdi H, Maletic JI, Volkert LG. Hybridizing evolutionary algorithms and clustering algorithms to find source-code clones. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1079–1080.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1079.pdf
- [161] Derderian K, Hierons RM, Harman M, Guo Q. Generating feasible input sequences for extended finite state machines (EFSMs) using genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1081–1082. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1081.pdf
- [162] Lammermann F, Wappler S. Benefits of software measures for evolutionary white-box testing. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1083–1084.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1083.pdf
- [163] Haas J, Peysakhov M, Mancoridis S. GA-based parameter tuning for multi-agent systems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 1. Washington DC, USA: ACM Press. 2005; pp. 1085–1086.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1085.pdf
- [164] Yang S. Memory-based immigrants for genetic algorithms in dynamic environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1115–1122.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1115.pdf
- [165] Alba E, Alfonso H, Dorronsoro B. Advanced models of cellular genetic algorithms evaluated on SAT. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1123–1130.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1123.pdf
- [166] Sokolov A, Whitley D. Unbiased tournament selection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1131-1138. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1131.pdf

[167] Giráldez R, Aguilar-Ruiz JS. Feature influence for evolutionary learning. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1139–1145.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1139.pdf

[168] de Silva UC, Suzuki J. On the stationary distribution of GAs with fixed crossover probability. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1147-1151.
URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1147.pdf

[169] McPhee NF, Crane EF. A theoretical analysis of the HIFF problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1153–1160.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1153.pdf

[170] Sudholt D. Crossover is provably essential for the ising model on trees. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1161–1167.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1161.pdf

[171] Seo DI, Moon BR. Computing the epistasis variance of large-scale traveling salesman problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1169–1176.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1169.pdf

- [172] Garibay I, Wu AS, Garibay O. On favoring positive correlations between form and quality of candidate solutions via the emergence of genomic self-similarity. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1177–1184. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1177.pdf
- [173] Zhang C, Rasheed K. Improving GA search reliability using maximal hyper-rectangle analysis. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1185–1192.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1185.pdf

[174] Barbosa HJ, Lemonge AC. A genetic algorithm encoding for a class of cardinality constraints. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz

E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1193–1200.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1193.pdf

[175] de Jong ED, Watson RA, Thierens D. On the complexity of hierarchical problem solving. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1201–1208.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1201.pdf

[176] Lunacek M, Whitley D, Knight JN. Measuring mobility and the performance of global search algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1209–1216. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1209.pdf

[177] Yu TL, Sastry K, Goldberg DE. Linkage learning, overlapping building blocks, and systematic strategy for scalable recombination. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1217–1224. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1217.pdf

[178] Whiteson S, Stone P, Stanley KO, Miikkulainen R, Kohl N. Automatic feature selection in neuroevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1225–1232. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1225.pdf

[179] Richter JN, Paxton J, Wright A. EA models and population fixed-points versus mutation rates for functions of unitation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1233–1240. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1233.pdf

[180] Choi SS, Jung K, Kim JH. Phase transition in a random NK landscape model. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1241 - 1248.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1241.pdf

[181] Stringer H, Wu AS. Behavior of finite population variable length genetic algorithms under random selection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1249–1255.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1249.pdf

- [182] Uyar S, Eryiğit G. Improvements to penalty-based evolutionary algorithms for the multidimensional knapsack problem using a gene-based adaptive mutation approach. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1257–1264. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1257.pdf
- [183] Graham L, Masum H, Oppacher F. Statistical analysis of heuristics for evolving sorting networks. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1265–1270.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1265.pdf
- [184] Legg S, Hutter M. Fitness uniform deletion: a simple way to preserve diversity. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1271–1278.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1271.pdf
- [185] Konak A, Smith AE. Designing resilient networks using a hybrid genetic algorithm approach. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1279–1285.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1279.pdf
- [186] Yossi B, Poli R. Information landscapes and the analysis of search algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1287–1294.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1287.pdf
- [187] Skolicki Z, De Jong K. The influence of migration sizes and intervals on island models. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1295–1302.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1295.pdf
- [188] Iglesias MT, Naudts B, Verschoren A, Vidal C. Walsh transforms, balanced sum theorems and partition coefficients over multary alphabets. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1303-1308. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1303.pdf
- [189] Agogino A, Tumer K, Miikkulainen R. Efficient credit assignment through evaluation function decomposition. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary

computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1309–1316.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1309.pdf

- [190] Yilmaz AS, Wu AS. Preservation of genetic redundancy in the existence of developmental error and fitness assignment error. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1317–1324.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1317.pdf
- [191] Tang KW, Jarvis RA. From supervised ranking to evolving behaviours of a robotic team. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1325–1332.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1325.pdf
- [192] Giacobini M, Tomassini M, Tettamanzi A. Takeover time curves in random and small-world structured populations. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1333–1340. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1333.pdf
- [193] Kimura S, Matsumura K. Genetic algorithms using low-discrepancy sequences. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1341–1346.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1341.pdf
- [194] Sakuma J, Kobayashi S. Latent variable crossover for k-tablet structures and its application to lens design problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1347–1354.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1347.pdf
- [195] Samsonovich AV, De Jong KA. Pricing the 'free lunch' of meta-evolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1355–1362.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1355.pdf
- [196] Llorà X, Sastry K, Goldberg DE, Gupta A, Lakshmi L. Combating user fatigue in iGAs: partial ordering, support vector machines, and synthetic fitness. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM,

- Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1363-1370. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1363.pdf
- [197] Bassett JK, Potter MA, De Jong KA. Applying price's equation to survival selection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1371–1378.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1371.pdf
- [198] Pardoe D, Ryoo M, Miikkulainen R. Evolving neural network ensembles for control problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1379–1384.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1379.pdf
- [199] Kavka C, Roggero P, Schoenauer M. Evolution of Voronoi based fuzzy recurrent controllers. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1385–1392.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1385.pdf
- [200] Kim YH, Moon BR. New topologies for genetic search space. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1393–1399. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1393.pdf
- [201] Greene WA. Schema disruption in tree-structured chromosomes. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1401–1408. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1401.pdf
- [202] Ding L, Yu J. Some theoretical results about the computation time of evolutionary algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1409–1415.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1409.pdf
- [203] Ando S, Sakuma J, Kobayashi S. Adaptive isolation model using data clustering for multimodal function optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1417-1424.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1417.pdf
- [204] Borenstein Y, Poli R. Information landscapes and problem hardness. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer

HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1425–1431.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1425.pdf

- [205] Branke J, Salihoğlu E, Şima Uyar. Towards an analysis of dynamic environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1433–1440.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1433.pdf
- [206] Guofang N, Minqiang L, Jisong K. Multi-level genetic algorithm (MLGA) for the construction of clock binary tree. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1441–1445.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1441.pdf
- [207] Gong Y, Nakamura M, Tamaki S. Parallel genetic algorithms on line topology of heterogeneous computing resources. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1447–1454.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1447.pdf
- [208] Chen JH, Ho SY, Goldberg DE. Quality-time analysis of multi-objective evolutionary algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1455-1462.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1455.pdf
- [209] Ong TJ, Saunders R, Keyser J, Leggett JJ. Terrain generation using genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1463–1470.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1463.pdf
- [210] hsiung Chan C, Lee SA, Kao CY, Tsai HK. Improving EAX with restricted 2-opt. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1471–1476.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1471.pdf
- [211] Yilmaz S, Ivanov K, Levine S. Application of genetic algorithm to optimize burnable poison placement in pressurized water reactors. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E,

- vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1477-1483. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1477.pdf
- [212] Mori N, Takeda M, Matsumoto K. A comparison study between genetic algorithms and bayesian optimize algorithms by novel indices. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1485–1492.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1485.pdf
- [213] Rand W, Riolo R. The problem with a self-adaptative mutation rate in some environments: a case study using the shaky ladder hyperplane-defined functions. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1493–1500. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1493.pdf
- [214] hua Yang Z, cheng Fang J, qiang Qi Z. Flight midcourse guidance control based on genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1501–1506.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1501.pdf
- [215] Martin JG. Subproblem optimization by gene correlation with singular value decomposition. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1507-1514.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1507.pdf
- [216] Borenstein Y, Poli R. Information landscapes. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1515-1522. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1515.pdf
- [217] Russell MA, Lamont GB. A genetic algorithm for unmanned aerial vehicle routing. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1523–1530.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1523.pdf
- [218] Amor HB, Rettinger A. Intelligent exploration for genetic algorithms: using self-organizing maps in evolutionary computation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1531–1538.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1531.pdf
- [219] Thierens D. An adaptive pursuit strategy for allocating operator probabilities. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer

HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1539–1546.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1539.pdf

- [220] Peterson MR, Doom TE, Raymer ML. GA-facilitated classifier optimization with varying similarity measures. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1549–1550.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1549.pdf
- [221] Lyman M, Lewandowski G. Genetic programming for association rules on card sorting data. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1551–1552.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1551.pdf
- [222] Paszynska A. An extension of vose's markov chain model for genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1553–1554.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1553.pdf
- [223] Wang ZG, Rahman M, Wong YS. Multi-niche crowding in the development of parallel genetic simulated annealing. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1555–1556.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1555.pdf
- [224] Bui LT, Branke J, Abbass HA. Diversity as a selection pressure in dynamic environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1557–1558.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1557.pdf
- [225] H JAM. Search space modulation in genetic algorithms: evolving the search space by sinusoidal transformations. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1559–1560.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1559.pdf
- [226] Ohnishi K, Yoshida K. Evolutionary change in developmental timing. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp.

```
1561-1562. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1561.pdf
```

- [227] Vrajitoru D, DeBoni J. Hybrid real-coded mutation for genetic algorithms applied to graph layouts. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1563–1564.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1563.pdf
- [228] Cherba DM, Punch W, Duxbury P, Billinge S, Juhas P. Conformation of an ideal bucky ball molecule by genetic algorithm and geometric constraint from pair distance data: genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1565–1566.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1565.pdf
- [229] Auwatanamongkol S. Inexact pattern matching using genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1567–1568.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1567.pdf
- [230] Cong L, Sha Y, Jiao L, Liu F. Directional self-learning of genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1569–1570.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1569.pdf
- [231] Reis C, Machado JAT, Cunha JB. Fractional dynamic fitness functions for GA-based circuit design. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1571–1572.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1571.pdf
- [232] Ando S, Kobayashi S. Fitness-based neighbor selection for multimodal function optimization. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1573–1574.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1573.pdf
- [233] Berntsson J, Tang M. Adaptive sizing of populations and number of islands in distributed genetic algorithms. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1575–1576.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1575.pdf

- [234] Zhang J, Chung HSH, Zhong J. Adaptive crossover and mutation in genetic algorithms based on clustering technique. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1577–1578.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1577.pdf
- [235] Berntsson J, Tang M. Dynamic optimization of migration topology in internet-based distributed genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1579–1580.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1579.pdf
- [236] Kim JH, Choi SS, Moon BR. Normalization for neural network in genetic search. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1581–1582.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1581.pdf
- [237] Ahn CW, Oh S, Ramakrishna RS. On the practical genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1583–1584.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1583.pdf
- [238] Sait SM, Faheemuddin M, Minhas MR, Sanaullah S. Multiobjective VLSI cell placement using distributed genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1585–1586.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1585.pdf
- [239] Ferretti E, Esquivel S. Knowledge insertion: an efficient approach to reduce effort in simple genetic algorithms for unrestricted parallel equal machines scheduling. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1587–1588. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1587.pdf
- [240] Sokolov A, Whitley D, Lunacek M. Alternative implementations of the Griewangk function. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1589–1590.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1589.pdf
- [241] Diaz-Gomez PA, Hougen DF. Analysis and mathematical justification of a fitness function used in an intrusion detection system. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf

- W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1591–1592. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1591.pdf
- [242] Fenton P, Walsh P. A comparison of messy GA and permutation based GA for job shop scheduling. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1593–1594.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1593.pdf
- [243] Affenzeller M, Wagner S, Winkler S. Goal-oriented preservation of essential genetic information by offspring selection. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1595–1596. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1595.pdf
- [244] León-Barranco A, Barajas SE, Reyes CA. ARGEN + AREPO: mixing the artificial genetic engineering and artificial evolution of populations to improve the search process. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1597–1598.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1597.pdf
- [245] Moore FW. A genetic algorithm for optimized reconstruction of quantized one-dimensional signals. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1599–1600.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1599.pdf
- [246] Chen S, Pitt G. Isolating the benefits of respect. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1601–1602. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1601.pdf
- [247] Stevens J, Heckendorn RB, Soule T. Exploiting disruption aversion to control code bloat. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1605–1612.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1605.pdf
- [248] Collins M. Finding needles in haystacks is harder with neutrality. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1613–1618. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1613.pdf

- [249] Hu J, Zhong X, Goodman ED. Open-ended robust design of analog filters using genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1619–1626.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1619.pdf
- [250] Daida JM. Towards identifying populations that increase the likelihood of success in genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1627–1634.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1627.pdf
- [251] Lasarczyk CWG, Banzhaf W. Total synthesis of algorithmic chemistries. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1635–1640.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1635.pdf
- [252] Zechman EM, Ranjithan SR. Multipopulation cooperative coevolutionary programming (MCCP) to enhance design innovation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1641–1648.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1641.pdf
- [253] Walker JA, Miller JF. Investigating the performance of module acquisition in cartesian genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1649–1656.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1649.pdf
- [254] Massey P, Clark JA, Stepney S. Evolution of a human-competitive quantum fourier transform algorithm using genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1657–1663.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1657.pdf
- [255] Dempsey I, O'Neill M, Brabazon A. Meta-grammar constant creation with grammatical evolution by grammatical evolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1665–1671.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1665.pdf
- [256] Silva S, Costa E. Resource-limited genetic programming: the dynamic approach. In: *GECCO* 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E,

Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1673–1680.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1673.pdf

[257] Jackson D. Parsing and translation of expressions by genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1681–1688.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1681.pdf

[258] Spector L, Klein J, Keijzer M. The Push3 execution stack and the evolution of control. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1689–1696.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1689.pdf

[259] Janikow CZ, Mann CJ. CGP visits the Santa Fe trail: effects of heuristics on GP. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1697–1704.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1697.pdf

[260] Murata T, Nakamura T. Genetic network programming with automatically defined groups for assigning proper roles to multiple agents. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1705-1712.
URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1705.pdf

[261] Daida JM, Samples ME, Byom MJ. Probing for limits to building block mixing with a tunably-difficult problem for genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1713-1720. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1713.pdf

[262] Richards MD, Whitley D, Beveridge JR, Mytkowicz T, Nguyen D, Rome D. Evolving cooperative strategies for UAV teams. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1721–1728.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1721.pdf

[263] Hornby GS. Measuring, enabling and comparing modularity, regularity and hierarchy in evolutionary design. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1729–1736.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1729.pdf

- [264] Smith, III JF. Evolving fuzzy decision tree structure that adapts in real-time. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1737–1744.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1737.pdf
- [265] Jackson D. Dormant program nodes and the efficiency of genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1745–1751.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1745.pdf
- [266] Cavill R, Smith S, Tyrrell A. Multi-chromosomal genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1753–1759.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1753.pdf
- [267] Zhang BT, Jang HY. Molecular programming: evolving genetic programs in a test tube. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1761–1768.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1761.pdf
- [268] Besetti S, Soule T. Function choice, resiliency and growth in genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1771–1772.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1771.pdf
- [269] Majeed H, Ryan C, Azad RMA. Evaluating GP schema in context. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1773-1774. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1773.pdf
- [270] Yanai K, Iba H. Probabilistic distribution models for EDA-based GP. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1775–1776.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1775.pdf
- [271] Poli R, Langdon WB. Backward-chaining genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM,

- Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1777–1778. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1777.pdf
- [272] Foreman N, Evett M. Preventing overfitting in GP with canary functions. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1779–1780.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1779.pdf
- [273] Pillay N. An investigation into using genetic programming as a means of inducing solutions to novice procedural programming problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1781–1782. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1781.pdf
- [274] Gelly S, Teytaud O, Bredeche N, Schoenauer M. A statistical learning theory approach of bloat. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1783–1784.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1783.pdf
- [275] Ondas R, Pelikan M, Sastry K. Scalability of genetic programming and probabilistic incremental program evolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1785–1786.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1785.pdf
- [276] Luo X, Heywood MI, Zincir-Heywood AN. Evolving recurrent models using linear GP. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1787–1788.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1787.pdf
- [277] Antolík J, Hsu WH. Evolutionary tree genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1789–1790.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1789.pdf
- [278] Samples ME, Daida JM, Byom M, Pizzimenti M. Parameter sweeps for exploring GP parameters. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1791–1792.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1791.pdf

- [279] Wierstra D, Gomez FJ, Schmidhuber J. Modeling systems with internal state using evolino. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1795–1802.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1795.pdf
- [280] Ravichandran B, Gandhe A, Smith RE. XCS for robust automatic target recognition. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1803–1810.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1803.pdf
- [281] Shafti LS, Pérez EP. Constructive induction and genetic algorithms for learning concepts with complex interaction. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1811–1818.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1811.pdf
- [282] Mellor D. A first order logic classifier system. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1819–1826. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1819.pdf
- [283] Lanzi PL, Loiacono D, Wilson SW, Goldberg DE. Extending XCSF beyond linear approximation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1827–1834.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1827.pdf
- [284] Butz MV. Kernel-based, ellipsoidal conditions in the real-valued XCS classifier system. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1835–1842.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1835.pdf
- [285] Bacardit J. Analysis of the initialization stage of a Pittsburgh approach learning classifier system. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1843–1850.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1843.pdf
- [286] Drugowitsch J, Barry AM. XCS with eligibility traces. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM,

- Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1851–1858. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1851.pdf
- [287] Lanzi PL, Loiacono D, Wilson SW, Goldberg DE. XCS with computed prediction in multistep environments. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1859–1866.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1859.pdf
- [288] Landau S, Sigaud O, Schoenauer M. ATNoSFERES revisited. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1867–1874. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1867.pdf
- [289] Browne W, Scott D. An abstraction agorithm for genetics-based reinforcement learning. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1875–1882.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1875.pdf
- [290] Dam HH, Abbass HA, Lokan C. DXCS: an XCS system for distributed data mining. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1883–1890.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1883.pdf
- [291] Llorà X, Sastry K, Goldberg DE. The compact classifier system: motivation, analysis, and first results. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1993–1994.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1993.pdf
- [292] Ecemis I, Bonabeau E, Ashburn T. Interactive estimation of agent-based financial markets models: modularity and learning. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1897–1904.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1897.pdf
- [293] Budynek J, Bonabeau E, Shargel B. Evolving computer intrusion scripts for vulnerability assessment and log analysis. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1905–1912. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1905.pdf
- [294] Sit YF, Miikkulainen R. Learning basic navigation for personal satellite assistant using neuroevolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and

evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1913–1920. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1913.pdf

- [295] Garrett D, Vannucci J, Silva R, Dasgupta D, Simien J. Genetic algorithms for the sailor assignment problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1921–1928.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1921.pdf
- [296] Ridder JP, HandUber JC. Mission planning for joint suppression of enemy air defenses using a genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1929–1936.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1929.pdf
- [297] Bradstreet L, Barone L, While L. Map-labelling with a multi-objective evolutionary algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1937–1944.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1937.pdf
- [298] Schlichter T, Haubelt C, Teich J. Improving EA-based design space exploration by utilizing symbolic feasibility tests. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1945–1952.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1945.pdf
- [299] Koza JR, Al-Sakran SH, Jones LW. Automated re-invention of six patented optical lens systems using genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1953–1960.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1953.pdf
- [300] Grasemann U, Miikkulainen R. Effective image compression using evolved wavelets. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1961–1968.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1961.pdf
- [301] Lameijer EW, IJzerman A, Kok J. The molecule evoluator: an interactive evolutionary algorithm for designing drug molecules. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2.

- Washington DC, USA: ACM Press. 2005; pp. 1969–1976. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1969.pdf
- [302] Stanley K, Kohl N, Sherony R, Miikkulainen R. Neuroevolution of an automobile crash warning system. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1977–1984.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1977.pdf
- [303] Mierswa I. Incorporating fuzzy knowledge into fitness: multiobjective evolutionary 3D design of process plants. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1985–1992.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1985.pdf
- [304] Montana D, Redi J. Optimizing parameters of a mobile ad hoc network protocol with a genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1993–1998.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1993.pdf
- [305] Keijzer M, Baptist M, Babovic V, Uthurburu JR. Determining equations for vegetation induced resistance using genetic programming. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 1999–2006.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p1999.pdf
- [306] Kicinger R, Arciszewski T, De Jong K. Parameterized versus generative representations in structural design: an empirical comparison. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2007–2014. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2007.pdf
- [307] Stevens D, Das S, Natarajan B. A multi-objective algorithm for DS-CDMA code design based on the clonal selection principle. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2015–2020.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2015.pdf
- [308] Rothlauf F, Schunk D, Pfeiffer J. Classification of human decision behavior: finding modular decision rules with genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2021–2028.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2021.pdf

- [309] Lee G, Bulitko V. GAMM: genetic algorithms with meta-models for vision. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2029–2036.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2029.pdf
- [310] Choi YS, Moon BR, Seo SY. Genetic fuzzy discretization with adaptive intervals for classification problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2037–2043.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2037.pdf
- [311] Han J, Bhanu B. Hierarchical multi-sensor image registration using evolutionary computation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2045–2052.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2045.pdf
- [312] Nassu BT, Duarte, Jr EP, Pozo ATR. A comparison of evolutionary algorithms for system-level diagnosis. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2053–2060.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2053.pdf
- [313] Kwon YK, Choi SS, Moon BR. Stock prediction based on financial correlation. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2061–2066.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2061.pdf
- [314] Wilson G, Heywood M. Use of a genetic algorithm in brill's transformation-based part-of-speech tagger. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2067–2073.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2067.pdf
- [315] Wight J, Zhang Y. An "ageing" operator and its use in the highly constrained topological optimization of HVAC system design. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2075–2082.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2075.pdf
- [316] Ahrens B. Genetic algorithm optimization of superresolution parameters. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta

- D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2083–2088.
- URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2083.pdf
- [317] Kwon YK, Moon BR. Nonlinear feature extraction using a neuro genetic hybrid. In: *GECCO* 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2089–2096.
 - URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2089.pdf
- [318] Sureka A, Wurman PR. Applying metaheuristic techniques to search the space of bidding strategies in combinatorial auctions. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2097–2103.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2097.pdf
- [319] Gong M, Wang L, Jiao L, Du H. An artificial immune system algorithm for CDMA multiuser detection over multi-path channels. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2105–2111. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2105.pdf
- [320] Carter E, Ebdon S, Neal-Sturgess C. Optimization of passenger car design for the mitigation of pedestrian head injury using a genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2113–2120. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2113.pdf
- [321] Hijazi SL, Natarajan B, Das S. An ant colony algorithm for multi-user detection in wireless communication systems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2121–2126.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2121.pdf
- [322] Cochenour G, Simon J, Das S, Pahwa A, Nag S. A pareto archive evolutionary strategy based radial basis function neural network training algorithm for failure rate prediction in overhead feeders. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2127–2132.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2127.pdf
- [323] Nummela J, Julstrom BA. Evolving petri nets to represent metabolic pathways. In: *GECCO* 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM

```
Press. 2005; pp. 2133-2139.
URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2133.pdf
```

- [324] Yuan B, Gallagher M, Crozier S. MRI magnet design: search space analysis, EDAs and a real-world problem with significant dependencies. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2141-2148. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2141.pdf
- [325] Talaie S, Leigh R, Louis SJ, Raines GL. Predicting mining activity with parallel genetic algorithms. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2149–2155.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2149.pdf
- [326] Das S, Konar A, Chakraborty UK. An efficient evolutionary algorithm applied to the design of two-dimensional IIR filters. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2157–2163.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2157.pdf
- [327] Soltoggio A. An enhanced GA to improve the search process reliability in tuning of control systems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2165–2172.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2165.pdf
- [328] Hasenjäger M, Sendhoff B, Sonoda T, Arima T. Three dimensional evolutionary aerodynamic design optimization with CMA-ES. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2173–2180. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2173.pdf
- [329] Pham QT. Evolutionary optimization of dynamic control problems accelerated by progressive step reduction. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2181–2187.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2181.pdf
- [330] Alim F, Ivanov K. Heuristic rules embedded genetic algorithm to solve in-core fuel management optimization problem. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2191–2192.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2191.pdf

[331] Sanchez E, Schillaci M, Reorda MS, Squillero G, Sterpone L, Violante M. New evolutionary techniques for test-program generation for complex microprocessor cores. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2193–2194.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2193.pdf

- [332] Hiroyasu T, Miki M, Nakayama S, Hanada Y. Multi-objective optimization of diesel engine emissions and fuel economy using SPEA2+. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2195–2196.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2195.pdf
- [333] Dahal KP, Galloway SJ, Burt GM, McDonald JR, Hopkins I. A case study of process facility optimization using discrete event simulation and genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2197–2198.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2197.pdf
- [334] Szumlanski SR, Wu AS, Hughes CE. Collaborative interactive evolution. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2199–2200.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2199.pdf
- [335] Sato Y, Kanno R. Event-driven learning classifier systems for online soccer games. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2201–2202.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2201.pdf
- [336] Whiting P, Poon PW, Carter JN. A genetic algorithm approach to the selection of near-optimal subsets from large sets. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2203–2204. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2203.pdf
- [337] Jin MH, Kao CY, Huang YC, Hsu DF, Lee RG, Lee CK. Compact genetic algorithm for active interval scheduling in hierarchical sensor networks. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2205–2206. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2205.pdf
- [338] Castillo FA, Villa CM. Symbolic regression in multicollinearity problems. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer

HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2207–2208.

URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2207.pdf

- [339] Daoud M, Kharma N. GATS 1.0: a novel GA-based scheduling algorithm for task scheduling on heterogeneous processor nets. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2209–2210.
 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2209.pdf
- [340] Meekhof T, Heckendorn RB. Using evolutionary optimization to improve markov-based classification with limited training data. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2211–2212.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2211.pdf
- [341] Day RO, Nunez AS, Lamont GB. MOEA design of robust digital symbol sets. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2213–2214.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2213.pdf
- [342] Seo K, Goodman ED, Rosenberg RC. Design of air pump system using bond graph and genetic programming method. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2215–2216.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2215.pdf
- [343] Lim C, Sim E. Production planning in manufacturing/remanufacturing environment using genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2217–2218.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2217.pdf
- [344] Díaz DS, Romay MG. Introducing a watermarking with a multi-objective genetic algorithm. In: GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC, USA: ACM Press. 2005; pp. 2219–2220.

 URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2219.pdf
- [345] Ferreira TAE, Vasconcelos GC, Adeodato PJL. A new evolutionary method for time series forecasting. In: *GECCO 2005: Proceedings of the 2005 conference on Genetic and evolutionary computation*, edited by Beyer HG, O'Reilly UM, Arnold DV, Banzhaf W, Blum C, Bonabeau EW, Cantu-Paz E, Dasgupta D, Deb K, Foster JA, de Jong ED, Lipson H, Llora X, Mancoridis S, Pelikan M, Raidl GR, Soule T, Tyrrell AM, Watson JP, Zitzler E, vol. 2. Washington DC,

USA: ACM Press. 2005; pp. 2221-2222. URL http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005/docs/p2221.pdf