Список литературы

[1] Bin Azhar, M. H, Deravi, F, & Dimond, K. (2008) *Criticality dispersion in swarms to optimize n-tuples* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1–8.

[2] de Franca, F. O, Coelho, G. P, Von Zuben, F. J, & de Faissol Attux, R. R. (2008) *Multivariate ant colony optimization in continuous search spaces* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 9–16.

[3] de Marcos, L, Martínez, J.-J, & Gutierrez, J.-A. (2008) *Swarm intelligence in e-learning: a learning object sequencing agent based on competencies* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 17–24.

[4] Dries, E. J & Peterson, G. L. (2008) *Scaling ant colony optimization with hierarchical reinforcement learning partitioning* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 25–32.

[5] Häckel, S, Fischer, M, Zechel, D, & Teich, T. (2008) *A multi-objective ant colony approach for pareto-optimization using dynamic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 33–40.

[6] Howden, D & Hendtlass, T. (2008) *Collective intelligence and bush fire spotting* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 41–48.

[7] Jordan, J, Helwig, S, & Wanka, R. (2008) *Social interaction in particle swarm optimization, the ranked FIPS, and adaptive multi-swarms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 49–56.

[8] Klamargias, A. D, Parsopoulos, K. E, Alevizos, P. D, & Vrahatis, M. N. (2008) *Particle filtering with particle swarm optimization in systems with multiplicative noise* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 57–62.

[9] Mazhar, N & Farooq, M. (2008) *A sense of danger: dendritic cells inspired artificial immune system for manet security* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 63–70.

[10] Montes de Oca, M. A & Stützle, T. (2008) *Convergence behavior of the fully informed particle swarm optimization algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller,

J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 71–78.

[11] Ostaszewski, M, Bouvry, P, & Seredynski, F. (2008) *Denial of service detection and analysis using idiotypic networks paradigm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 79–86.

[12] Pant, M, Thangaraj, R, & Abraham, A. (2008) *A new quantum behaved particle swarm optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 87–94.

[13] Jorge Pe n. (2008) *Theoretical and empirical study of particle swarms with additive stochasticity and different recombination operators* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 95–102.

[14] Saleem, M, Khayam, S. A, & Farooq, M. (2008) *A formal performance modeling framework for bio-inspired ad hoc routing protocols* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 103–110.

[15] Salehi-Abari, A & White, T. (2008) *Enhanced generalized ant programming (EGAP)* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 111–118.

[16] Shafiq, M. Z, Khayam, S. A, & Farooq, M. (2008) *Improving accuracy of immune-inspired malware detectors by using intelligent features* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 119–126.

[17] Stibor, T. (2008) *Discriminating self from non-self with finite mixtures of multivariate Bernoulli distributions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 127–134.

[18] Sudholt, D & Witt, C. (2008) *Runtime analysis of binary PSO* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 135–142.

[19] von Mammen, S & Jacob, C. (2008) *Evolutionary swarm design of architectural idea models* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 143–150.

[20] Yu, H. (2008) *Optimizing task schedules using an artificial immune system approach* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 151–158.

[21] Ahmadi, A, Karray, F, & Kamel, M. (2008) *Particle swarm clustering ensemble* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 159–160.

[22] Awais, A, Farooq, M, & Javed, M. Y. (2008) *Attack analysis & bio-inspired security framework for IP multimedia subsystem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 161–162.

[23] Chira, C, Dumitrescu, D, & Pintea, C. M. (2008) *Heterogeneous sensitive ant model for combinatorial optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 163–164.

[24] Zhang, J, Liu, K, Tan, Y, & He, X. (2008) *Allocation of local and global search capabilities of particle in canonical PSO* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 165–166.

[25] Zhang, J, Liu, K, Tan, Y, & He, X. (2008) *Magnifier particle swarm optimization for numerical optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 167–168.

[26] de Melo, E. B. B & Araújo, A. F. R. (2008) *Modeling ant colony foraging in dynamic and confined environment* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 169–176.

[27] Barlow, G. J, Oh, C. K, & Smith, S. F. (2008) *Evolving cooperative control on sparsely distributed tasks for UAV teams without global communication* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 177–184.

[28] Beckmann, B. E, McKinley, P. K, & Ofria, C. (2008) *Selection for group-level efficiency leads to self-regulation of population size* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 185–192.

[29] Bornhofen, S & Lattaud, C. (2008) *On hopeful monsters, neutral networks and junk code in evolving L-systems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 193–200.

[30] Campbell, A, Wu, A. S, & Shumaker, R. (2008) *Multi-agent task allocation: learning when to say no* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 201–208.

[31] Grabowski, L. M, Elsberry, W. R, Ofria, C, & Pennock, R. T. (2008) *On the evolution of motility and intelligent tactic response* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 209–216.

[32] Knoester, D. B, McKinley, P. K, & Ofria, C. (2008) *Cooperative network construction using digital germlines* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 217–224.

[33] van Krevelen, D. W. F & Nitschke, G. S. (2008) *Neuro-evolution for a gathering and collective construction task* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 225–232.

[34] Nitschke, G & Schut, M. (2008) *Designing multi-rover emergent specialization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 233–240.

[35] Payne, J. L & Eppstein, M. J. (2008) *The influence of scaling and assortativity on takeover times in scale-free topologies* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 241–248.

[36] Smaldon, J, Blakes, J, Krasnogor, N, & Lancet, D. (2008) *A multi-scaled approach to artificial life simulation with P systems and dissipative particle dynamics* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 249–256.

[37] Tanev, I & Shimohara, K. (2008) *Co-evolution of active sensing and locomotion gaits of simulated snake-like robot* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 257–264.

[38] Valsalam, V. K & Miikkulainen, R. (2008) *Modular neuroevolution for multilegged locomotion* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 265–272.

[39] Vulli, S. S & Agarwal, S. (2008) *Individual-based artificial ecosystems for design and optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 273–280.

[40] Cussat-Blanc, S, Viale, F, Luga, H, Duthen, Y, & Caromel, D. (2008) *Genetic algorithms and grid computing for artificial embryogeny* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 281–282.

[41] Gotshall, S & Soule, T. (2008) *Evolving stable behavior in a spino-neuromuscular system model* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 283–284.

[42] Jung, J.-Y & Reggia, J. A. (2008) *Nested evolution of an autonomous agent using descriptive encoding* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 285–286.

[43] Krah, P. (2008) *Towards efficient evolution of morphology and control* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 287–288.

[44] McGinley, B, Rocke, P, Morgan, F, & Maher, J. (2008) *Reconfigurable analogue hardware evolution of adaptive spiking neural network controllers* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 289–290.

[45] Rahmani, A. T & Helmi, B. H. (2008) *EIN-WUM: an AIS-based algorithm for web usage mining* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 291–292.

[46] Seo, K & Hyun, S. (2008) *Genetic programming based automatic gait generation for quadruped robots* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 293–294.

[47] Trendelenburg, S, Becker, J, Henrici, F, & Manoli, Y. (2008) *A GP algorithm for efficient synthesis of GM-C filters on a hexagonal FPAA structure* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 295–296.

[48] Trujillo, L, Olague, G, Lutton, E, & de Vega, F. F. (2008) *Behavior-based speciation for evolutionary robotics* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 297–298.

[49] Clayton, T. F, Patel, L. N, Leng, G, Murray, A. F, & Lindsay, I. A. (2008) *Rapid evaluation and evolution of neural models using graphics card hardware* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 299–306.

[50] Esmaeili, A & Jacob, C. (2008) *Evolution of discrete gene regulatory models* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 307–314.

[51] Goeffon, A, Nikolski, M, & Sherman, D. J. (2008) *An efficient probabilistic population-based descent for the median genome problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 315–322.

[52] Pirkwieser, S & Raidl, G. R. (2008) *Finding consensus trees by evolutionary, variable neighborhood search, and hybrid algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 323–330.

[53] Romero-Campero, F. J, Cao, H, Camara, M, & Krasnogor, N. (2008) *Structure and parameter estimation for cell systems biology models* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 331–338.

[54] Urbanowicz, R. J, Barney, N, White, B. C, & Moore, J. H. (2008) *Mask functions for the symbolic modeling of epistasis using genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 339–346.

[55] Garcia, B, Aler, R, Ledezma, A, & Sanchis, A. (2008) *Protein-protein functional association prediction using genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 347–348.

[56] Gonçalves, R, Goldbarg, M. C, Goldbarg, E. F, & Delgado, M. R. (2008) *Warping search: a new metaheuristic applied to the protein structure prediction* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 349–350.

[57] Greene, C. S, White, B. C, & Moore, J. H. (2008) *Using expert knowledge in initialization for genome-wide analysis of epistasis using genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 351–352.

[58] Hardison, N. E, Fanelli, T. J, Dudek, S. M, Reif, D. M, Ritchie, M. D, & Motsinger-Reif, A. A. (2008) *A balanced accuracy fitness function leads to robust analysis using grammatical evolution neural networks in the case of class imbalance* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 353–354.

[59] Jaśkowski, W, Krawiec, K, & Wieloch, B. (2008) *Fitnessless coevolution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 355–362.

[60] Lichodzijewski, P & Heywood, M. I. (2008) *Managing team-based problem solving with symbiotic bid-based genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 363–370.

[61] Service, T. C & Tauritz, D. R. (2008) *A no-free-lunch framework for coevolution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 371–378.

[62] Shi, M. (2008) *An empirical comparison of evolution and coevolution for designing artificial neural network game players* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 379–386.

[63] Service, T. C & Tauritz, D. R. (2008) *Co-optimization algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 387–388.

[64] Yang, L, Huang, H, & Liu, Y. (2008) *A coevolution archive based on problem dimension* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 389–390.

[65] Chuang, C.-Y & ping Chen, Y. (2008) *On the effectiveness of distributions estimated by probabilistic model building* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 391–398.

[66] Fernandes, C. M, Lima, C, & Rosa, A. C. (2008) *UMDAs for dynamic optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 399–406.

[67] Gámez, J. A, Mateo, J. L, & Puerta, J. M. (2008) *Improved EDNA (estimation of dependency networks algorithm) using combining function with bivariate probability distributions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 407–414.

[68] Hauschild, M. W, Pelikan, M, Sastry, K, & Goldberg, D. E. (2008) *Using previous models to bias structural learning in the hierarchical BOA* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 415–422.

[69] Iclanzan, D & Dumitrescu, D. (2008) *Going for the big fishes: discovering and combining large neutral and massively multimodal building-blocks with model based macro-mutation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 423–430.

[70] Lima, C. F, Lobo, F. G, & Pelikan, M. (2008) *From mating pool distributions to model overfitting* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 431–438.

[71] Lima, C. F, Fernandes, C, & Lobo, F. G. (2008) *Investigating restricted tournament replacement in ECGA for non-stationary environments* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 439–446.

[72] Pelikan, M, Helmut, K. G, & Kobe, S. (2008) *Finding ground states of Sherrington-Kirkpatrick spin glasses with hierarchical boa and genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 447–454.

[73] Pelikan, M, Sastry, K, & Goldberg, D. E. (2008) *iBOA: the incremental bayesian optimization algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 455–462.

[74] Brownlee, A. E, Pelikan, M, McCall, J. A, & Petrovski, A. (2008) *An application of a multivariate estimation of distribution algorithm to cancer chemotherapy* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 463–464.

[75] Brownlee, A. E, Wu, Y, McCall, J. A, Godley, P. M, Cairns, D. E, & Cowie, J. (2008) *Optimisation and fitness modelling of bio-control in mushroom farming using a Markov network eda* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 465–466.

[76] Duque, T. S, Goldberg, D. E, & Sastry, K. (2008) *Improving the efficiency of the extended compact genetic algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 467–468.

[77] Hernández-Aguirre, A, Villa-Diharce, E, & Barba-Moreno, S. (2008) *An estimation distribution algorithm with the spearman's rank correlation index* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 469–470.

[78] Hong, Y, Kwong, S, Xiong, H, & Ren, Q. (2008) *Data clustering using virtual population based incremental learning algorithm with similarity matrix encoding strategy* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 471–472.

[79] Mayorga-Alvarez, P. P & Hernández-Aguirre, A. (2008) *The directional EDA for global optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 473–474.

[80] Shakya, S & Santana, R. (2008) *An EDA based on local markov property and gibbs sampling* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 475–476.

[81] Valdez, S. I, Hernandez-Aguirre, A, & Botello-Rionda, S. (2008) *Designing EDAs by using the elitist convergent EDA concept and the boltzmann distribution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 477–478.

[82] Akimoto, Y, Sakuma, J, Ono, I, & Kobayashi, S. (2008) *Functionally specialized CMA-ES: a modification of CMA-ES based on the specialization of the functions of covariance matrix adaptation and step size adaptation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 479–486.

[83] Beyer, H.-G & Melkozerov, A. (2008) *Mutative σ-self-adaptation can beat cumulative step size adaptation when using weighted recombination* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 487–494.

[84] Caamano, P, Bellas, F, Becerra, J. A, & Duro, R. J. (2008) *Application domain study of evolutionary algorithms in optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 495–502.

[85] Jägersküpper, J & Preuss, M. (2008) *Aiming for a theoretically tractable CSA variant by means of empirical investigations* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 503–510.

[86] Meyer-Nieberg, S & Beyer, H.-G. (2008) *Why noise may be good: additive noise on the sharp ridge* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 511–518.

[87] Shir, O. M, Roslund, J, Baeck, T, & Rabitz, H. (2008) *Performance analysis of derandomized evolution strategies in quantum control experiments* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 519–526.

[88] Epitropakis, M. G, Plagianakos, V. P, & Vrahatis, M. N. (2008) *Non-monotone differential evolution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 527–528.

[89] James, D. (2008) *A comparison of speciation, extinction, and complexification in neuroevolution with and without selection pressure* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 529–530.

[90] Junior, A. R. L & Ferreira, T. A. E. (2008) *A hybrid method for tuning neural network for time series forecasting* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 531–532.

[91] Nicholson, J & White, M. (2008) *Maintaining population diversity by maintaining family structures* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 533–534.

[92] Stalph, P, Ebner, M, Michel, M, Pfaff, B, & Benz, R. (2008) *Multiobjective evolution of a fuzzy controller in a sewage treatment plant* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 535–536.

[93] Urfalioglu, O, Cetin, A. E, & Kuruoglu, E. E. (2008) *Levy walk evolution for global optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 537–538.

[94] Doerr, B, Happ, E, & Klein, C. (2008) *Crossover can provably be useful in evolutionary computation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 539–546.

[95] Kumar, R, Tolay, P, & Tiwary, S. (2008) *Enhancing solution quality of the biobjective graph coloring problem using hybridization of EA: biobjective graph coloring problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 547–554.

[96] Ochoa, G, Tomassini, M, Vérel, S, & Darabos, C. (2008) *A study of NK landscapes' basins and local optima networks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 555–562.

[97] Steitz, W & Rothlauf, F. (2008) *Orientation matters: how to efficiently solve ocst problems with problem-specific EAs* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 563–570.

[98] Terashima-Marín, H, Ortiz-Bayliss, J. C, Ross, P, & Valenzuela-Rendón, M. (2008) *Hyper-heuristics for the dynamic variable ordering in constraint satisfaction problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 571–578.

[99] Toyama, F, Shoji, K, & Miyamichi, J. (2008) *An iterated greedy algorithm for the node placement problem in bidirectional Manhattan street networks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 579–584.

[100] Whitley, D, Sutton, A. M, & Howe, A. E. (2008) *Understanding elementary landscapes* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 585–592.

[101] Yoon, Y, Kim, Y.-H, & Moon, B.-R. (2008) *Feasibility-preserving crossover for maximum k-coverage problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 593–598.

[102] Araujo, R. M & Lamb, L. C. (2008) *Distributed problem solving by memetic networks: extended abstract* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 599–600.

[103] Bader-El-Den, M. B & Poli, R. (2008) *Evolving heuristics with genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 601–602.

[104] Borgulya, I. (2008) *A parallel evolutionary algorithm for unconstrained binary quadratic problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 603–604.

[105] Borschbach, M & Exeler, A. (2008) *A Tabu history driven crossover operator design for memetic algorithm applied to Max-2SAT-problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 605–606.

[106] Julstrom, B. A. (2008) *An evolutionary algorithm for some cases of the single-source constrained plant location problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 607–608.

[107] Keller, R. E & Poli, R. (2008) *Subheuristic search and scalability in a hyperheuristic* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 609–610.

[108] Khaled, A & Julstrom, B. A. (2008) *Greedy heuristics and evolutionary algorithms for the bounded minimum-label spanning tree problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 611–612.

[109] Mahdabi, P, Jalili, S, & Abadi, M. (2008) *A multi-start quantum-inspired evolutionary algorithm for solving combinatorial optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 613–614.

[110] Qasem, M & Prugel-Bennett, A. (2008) *Complexity of Max-SAT using stochastic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 615–616.

[111] Avigad, G & Branke, J. (2008) *Embedded evolutionary multi-objective optimization for worst case robustness* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 617–624.

[112] Datta, D, Figueira, J. R, Fonseca, C. M, & Tavares-Pereira, F. (2008) *Graph partitioning through a multi-objective evolutionary algorithm: a preliminary study* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 625–632.

[113] Deb, K. (2008) *A robust evolutionary framework for multi-objective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 633–640.

[114] Horoba, C & Neumann, F. (2008) *Benefits and drawbacks for the use of epsilon-dominance in evolutionary multi-objective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 641–648.

[115] Ishibuchi, H, Tsukamoto, N, Hitotsuyanagi, Y, & Nojima, Y. (2008) *Effectiveness of scalability improvement attempts on the performance of NSGA-II for many-objective problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 649–656.

[116] Kanoh, H & Hara, K. (2008) *Hybrid genetic algorithm for dynamic multi-objective route planning with predicted traffic in a real-world road network* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 657–664.

[117] Lizarraga-Lizarraga, G, Hernandez-Aguirre, A, & Botello-Rionda, S. (2008) *G-Metric: an M-ary quality indicator for the evaluation of non-dominated sets* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 665–672.

[118] Jaimes, A. L, Coello Coello, C. A, & Chakraborty, D. (2008) *Objective reduction using a feature selection technique* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 673–680.

[119] Dos Santos, E. M, Sabourin, R, & Maupin, P. (2008) *Pareto analysis for the selection of classifier ensembles* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 681–688.

[120] Martí, L, García, J, Berlanga, A, & Molina, J. M. (2008) *Introducing MONEDA: scalable multiobjective optimization with a neural estimation of distribution algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack,

J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 689–696.

[121] Pfeiffer, J, Golle, U, & Rothlauf, F. (2008) *Reference point based multi-objective evolutionary algorithms for group decisions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 697–704.

[122] Schuetze, O, Sanchez, G, & Coello Coello, C. A. (2008) *A new memetic strategy for the numerical treatment of multi-objective optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 705–712.

[123] Schuetze, O, Coello Coello, C. A, Tantar, E, & Talbi, E.-G. (2008) *Computing finite size representations of the set of approximate solutions of an MOP with stochastic search algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 713–720.

[124] Talukder, A. K. A, Kirley, M, & Buyya, R. (2008) *A pareto following variation operator for fast-converging multiobjective evolutionary algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 721–728.

[125] Tiwari, S, Koch, P, Fadel, G, & Deb, K. (2008) *AMGA: an archive-based micro genetic algorithm for multi-objective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 729–736.

[126] Ulrich, T, Brockhoff, D, & Zitzler, E. (2008) *Pattern identification in pareto-set approximations* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 737–744.

[127] Wickramasinghe, U. K & Li, X. (2008) *Integrating user preferences with particle swarms for multi-objective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 745–752.

[128] Avigad, G & Coello Coello, C. A. (2008) *Solving constrained multi-objective problems by objective space analysis* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 753–754.

[129] Gamhewa, S & Hingston, P. F. (2008) *Testing parallelization paradigms for MOEAs* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 755–756.

[130] Leon, C, Miranda, G, & Segura, C. (2008) *Parallel hyperheuristic: a self-adaptive island-based model for multi-objective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K,

Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 757–758.

[131] Lizárraga-Lizárraga, G, Hernández-Aguirre, A, & Botello-Rionda, S. (2008) *On the possibility to create a compatible–complete unary comparison method for evolutionary multiobjective algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 759–760.

[132] Lust, T. (2008) *Speed-up techniques for solving large-scale bTSP with the Two-Phase Pareto Local Search* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 761–762.

[133] Santana-Quintero, L. V, Coello Coello, C. A, & Hernandez-Diaz, A. G. (2008) *Hybridizing surrogate techniques, rough sets and evolutionary algorithms to efficiently solve multi-objective optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 763–764.

[134] Pires, E. J. S, Mendes, L, de Moura Oliveira, P. B, Machado, J. A. T, Ferreira, N. M. F, Jo a. V, & Rosário, M. (2008) *Single-objective front optimization: application to rf circuit design* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 765–766.

[135] Wen, F, Gao, X, & Gen, M. (2008) *A novel approach to route selection in car navigation systems by a multiobjective genetic algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 767–768.

[136] Martínez, S. Z & Coello Coello, C. A. (2008) *Hybridizing an evolutionary algorithm with mathematical programming techniques for multi-objective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 769–770.

[137] Dietzfelbinger, M, Rowe, J. E, Wegener, I, & Woelfel, P. (2008) *Precision, local search and unimodal functions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 771–778.

[138] Neumann, F, Reichel, J, & Skutella, M. (2008) *Computing minimum cuts by randomized search heuristics* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 779–786.

[139] Weise, T, Niemczyk, S, Skubch, H, Reichle, R, & Geihs, K. (2008) *A tunable model for multi-objective, epistatic, rugged, and neutral fitness landscapes* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 795–802.

[140] Weyland, D. (2008) *Simulated annealing, its parameter settings and the longest common subsequence problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 803–810.

[141] Whitley, D & Rowe, J. (2008) *Focused no free lunch theorems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 811–818.

[142] D'Ambrosio, D. B & Stanley, K. O. (2008) *Generative encoding for multiagent learning* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 819–826.

[143] Khemka, N, Novakowski, S, Hushlak, G, & Jacob, C. (2008) *Evolutionary design of dynamic SwarmScapes* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 827–834.

[144] Komatsu, H, Hashimoto, Y, Chen, Y, & Ohashi, H. (2008) *An evolvability-enhanced artificial embryogeny for generating network structures* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 835–842.

[145] Kowaliw, T. (2008) *Measures of complexity for artificial embryogeny* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 843–850.

[146] Steiner, T, Jin, Y, & Sendhoff, B. (2008) *A cellular model for the evolutionary development of lightweight material with an inner structure* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 851–858.

[147] Tufte, G. (2008) *Phenotypic, developmental and computational resources: scaling in artificial development* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 859–866.

[148] Clune, J, Ofria, C, & Pennock, R. T. (2008) *How generative encodings fare on less regular problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 867–868.

[149] Jiang, F, Berry, H, & Schoenauer, M. (2008) *Unsupervised learning of echo state networks: balancing the double pole* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 869–870.

[150] Yogev, O, Shapiro, A. A, & Antonsson, E. K. (2008) *Growth control and disease mechanisms in computational embryogeny* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 871–872.

[151] Aranha, C. C & Iba, H. (2008) *A tree-based GA representation for the portfolio optimization problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 873–880.

[152] Barkat Ullah, A. S. S. M, Sarker, R, & Cornforth, D. (2008) *Search space reduction technique for constrained optimization with tiny feasible space* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 881–888.

[153] Bhatt, A, Varshney, P, & Deb, K. (2008) *In search of no-loss strategies for the game of tic-tac-toe using a customized genetic algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 889–896.

[154] Carrano, E. G, Takahashi, R. H, & Wanner, E. F. (2008) *An enhanced statistical approach for evolutionary algorithm comparison* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 897–904.

[155] Cervantes, J & Stephens, C. R. (2008) *Rank based variation operators for genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 905–912.

[156] DaCosta, L, Fialho, A, Schoenauer, M, & Sebag, M. (2008) *Adaptive operator selection with dynamic multi-armed bandits* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 913–920.

[157] Desell, T, Szymanski, B, & Varela, C. (2008) *An asynchronous hybrid genetic-simplex search for modeling the Milky Way galaxy using volunteer computing* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 921–928.

[158] Doerr, B, Jansen, T, & Klein, C. (2008) *Comparing global and local mutations on bit strings* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 929–936.

[159] Fernandes, C. M, Merelo, J. J, Ramos, V, & Rosa, A. C. (2008) *A self-organized criticality mutation operator for dynamic optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 937–944.

[160] Friedrich, T, Oliveto, P. S, Sudholt, D, & Witt, C. (2008) *Theoretical analysis of diversity mechanisms for global exploration* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 945–952.

[161] Happ, E, Johannsen, D, Klein, C, & Neumann, F. (2008) *Rigorous analyses of fitness-proportional selection for optimizing linear functions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 953–960.

[162] de Lima, T. W, Rothlauf, F, & Delbem, A. C. (2008) *The node-depth encoding: analysis and application to the bounded-diameter minimum spanning tree problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 969–976.

[163] Liou, J.-J & ping Chen, Y. (2008) *Adaptive discretization on multidimensional continuous search spaces* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 977–984.

[164] Llorà, X, Yasui, N. I, & Goldberg, D. E. (2008) *Graph-theoretic measure for active iGAs: interaction sizing and parallel evaluation ensemble* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 985–992.

[165] Muelas, S, José M. Pe n, Robles, V, & LaTorre, A. (2008) *Voronoi-initializated island models for solving real-coded deceptive problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 993–1000.

[166] Nakama, T. (2008) *Theoretical analysis of genetic algorithms in noisy environments based on a Markov Model* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1001–1008.

[167] Neubauer, A. (2008) *Theory of the simple genetic algorithm with α-selection* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1009–1016.

[168] Nguyen, Q. H, Ong, Y. S, & Lim, M. H. (2008) *Non-genetic transmission of memes by diffusion* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1017–1024.

[169] Park, T, Choe, R, & Ryu, K. R. (2008) *Dual-population genetic algorithm for nonstationary optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1025–1032.

[170] Sheahan, A & Ryan, C. (2008) *A transformation-based approach to static multiprocessor scheduling* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1041–1048.

[171] Stonedahl, F, Rand, W, & Wilensky, U. (2008) *CrossNet: a framework for crossover with network-based chromosomal representations* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1057–1064.

[172] Troiano, L, Birtolo, C, & Miranda, M. (2008) *Adapting palettes to color vision deficiencies by genetic algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1065–1072.

[173] Tsuji, M, Munetomo, M, & Akama, K. (2008) *Empirical investigations on parallel competent genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1073–1080.

[174] Whitacre, J. M, Abbass, H. A, Sarker, R, Bender, A, & Baker, S. (2008) *Strategic positioning in tactical scenario planning* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1081–1088.

[175] Yu, T.-L & Lin, W.-K. (2008) *Optimal sampling of genetic algorithms on polynomial regression* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1089–1096.

[176] Berenboym, I & Avigal, M. (2008) *Genetic algorithms with local search optimization for protein structure prediction problem* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1097–1098.

[177] Bergmann, K. P, Scheidler, R, & Jacob, C. (2008) *Cryptanalysis using genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1099–1100.

[178] Breukelaar, R & Baeck, T. (2008) *Self-adaptive mutation rates in genetic algorithm for inverse design of cellular automata* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1101–1102.

[179] Castillo, P. A, Fernández, G, Mora, A, Merelo, J. J, Bernier, J. L, & Prieto, A. (2008) *Evolving machine microprograms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1103–1104.

[180] Godley, P. M, Cairns, D. E, Cowie, J, Swingler, K. M, & McCall, J. (2008) *The effects of mutation and directed intervention crossover when applied to scheduling chemotherapy* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1105–1106.

[181] Hanada, Y, Hiroyasu, T, & Miki, M. (2008) *Analysis of the performance of genetic multi-step search in interpolation and extrapolation domain* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1107–1108.

[182] Holdener, E. A & Tauritz, D. R. (2008) *Learning offspring optimizing mate selection* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1109–1110.

[183] Ishibuchi, H, Tsukamoto, N, & Nojima, Y. (2008) *Maintaining the diversity of solutions by non-geometric binary crossover: a worst one-max solver competition case study* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1111–1112.

[184] yi Jiang, H & Chang, C. K. (2008) *Deriving evaluation metrics for applicability of genetic algorithms to optimization problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1113–1114.

[185] Khosraviani, M, Pour-Mozafari, S, & Ebadzadeh, M. M. (2008) *Convergence analysis of quantum-inspired genetic algorithms with the population of a single individual* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1115–1116.

[186] Kim, Y.-H. (2008) *Linear transformation in Pseudo-Boolean functions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1117–1118.

[187] LaTorre, A, José M. Pe n, Robles, V, & Muelas, S. (2008) *Using multiple offspring sampling to guide genetic algorithms to solve permutation problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1119–1120.

[188] Le, M. N, Ong, Y. S, & Nguyen, Q. H. (2008) *Optinformatics for schema analysis of binary genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1121–1122.

[189] Li, Z & Goodman, E. D. (2008) *A practical search index and population size analysis based on the building block hypothesis* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1123–1124.

[190] Martins, F. V, Carrano, E. G, Wanner, E. F, & Takahashi, R. H. (2008) *The micro-genetic operator in the search of global trends* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1125–1126.

[191] Ginley, B. M, Morgan, F, & O'Riordan, C. (2008) *Maintaining diversity through adaptive selection, crossover and mutation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1127–1128.

[192] Najafi, M & Beigy, H. (2008) *Using PCA to improve evolutionary cellular automata algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1129–1130.

[193] Nojoumian, M & Nair, D. K. (2008) *Comparing genetic algorithm and guided local search methods by symmetric TSP instances* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1131–1132.

[194] Papa, G. (2008) *Parameter-less evolutionary search* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1133–1134.

[195] Paperin, G. (2008) *Evolving sequence patterns for prediction of sub-cellular locations of eukaryotic proteins* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1135–1136.

[196] Pizzuti, C. (2008) *Community detection in social networks with genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1137–1138.

[197] Risco-Martín, J. L, Hidalgo, J. I, Lanchares, J, & Garnica, O. (2008) *Solving discrete deceptive problems with EMMRS* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1139–1140.

[198] Sahin, C. S, Urrea, E, Uyar, M. U, Conner, M, Hokelek, I, Conner, M, Bertoli, G, & Pizzo, C. (2008) *Genetic algorithms for self-spreading nodes in MANETs* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1141–1142.

[199] Sato, Y, Goldberg, D, & Sastry, K. (2008) *Improving small population performance under noise with viral infection + tropism* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1143–1144.

[200] Seixas, F. L, Ochi, L. S, Conci, A, & Saade, D. M. (2008) *Image registration using genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1145–1146.

[201] Troutman, N. P, Eskridge, B. E, & Hougen, D. F. (2008) *Is "best-so-far"a good algorithmic performance metric?* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1147–1148.

[202] Wanner, E. F, Carrano, E. G, & Takahashi, R. H. (2008) *Coordinate change operators for genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1149–1150.

[203] Yogev, O, Shapiro, A. A, & Antonsson, E. K. (2008) *Modularity and symmetry in computational embryogeny* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1151–1152.

[204] Zamalloa, M, Rodriguez-Fuentes, L. J, Mikel Pe n, Bordel, G, & Uribe, J. P. (2008) *Comparing genetic algorithms to principal component analysis and linear discriminant analysis in reducing feature dimensionality for speaker recognition* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1153–1154.

[205] Agapitos, A, Dyson, M, Lucas, S. M, & Sepulveda, F. (2008) *Learning to recognise mental activities: genetic programming of stateful classifiers for brain-computer interfacing* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1155–1162.

[206] Agapitos, A, Dyson, M, Kovalchuk, J, & Lucas, S. M. (2008) *On the genetic programming of time-series predictors for supply chain management* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1163–1170.

[207] Augusto, D. A, Barbosa, H. J, & Ebecken, N. F. (2008) *Coevolution of data samples and classifiers integrated with grammatically-based genetic programming for data classification* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1171–1178.

[208] Bai, L, Eyiyurekli, M, & Breen, D. E. (2008) *Automated shape composition based on cell biology and distributed genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1179–1186.

[209] Binard, F & Felty, A. (2008) *Genetic programming with polymorphic types and higher-order functions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J,

Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1187–1194.

[210] Cerny, B. M, Nelson, P. C, & Zhou, C. (2008) *Using differential evolution for symbolic regression and numerical constant creation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1195–1202.

[211] Kameya, Y, Kumagai, J, & Kurata, Y. (2008) *Accelerating genetic programming by frequent subtree mining* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1203–1210.

[212] Kattan, A & Poli, R. (2008) *Evolutionary lossless compression with GP-ZIP** eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1211–1218.

[213] Kaufmann, P & Platzner, M. (2008) *Advanced techniques for the creation and propagation of modules in cartesian genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1219–1226.

[214] Kumar, R, Joshi, A. H, Banka, K. K, & Rockett, P. I. (2008) *Evolution of hyperheuristics for the biobjective 0/1 knapsack problem by multiobjective genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1227–1234.

[215] McPhee, N. F & Poli, R. (2008) *Memory with memory: soft assignment in genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1235–1242.

[216] Mora García, A. M, Valdivieso, P. A. C, Guervós, J. J. M, Cid, E. A, Esparcia-Alcázar, A. I, & Sharman, K. (2008) *Discovering causes of financial distress by combining evolutionary algorithms and artificial neural networks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1243–1250.

[217] Murphy, G & Ryan, C. (2008) *Exploiting the path of least resistance in evolution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1251–1258.

[218] Nunkesser, R. (2008) *Analysis of a genetic programming algorithm for association studies* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1259–1266.

[219] Poli, R & McPhee, N. F. (2008) *Parsimony pressure made easy* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1267–1274.

[220] Poli, R, McPhee, N. F, & Vanneschi, L. (2008) *The impact of population size on code growth in GP: analysis and empirical validation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1275–1282.

[221] de Sá, L. B & Mesquita, A. (2008) *Evolutionary synthesis of low-sensitivity equalizers using adjacency matrix representation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1283–1290.

[222] Spector, L, Clark, D. M, Lindsay, I, Barr, B, & Klein, J. (2008) *Genetic programming for finite algebras* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1291–1298.

[223] Trujillo, L, Olague, G, Lutton, E, & de Vega, F. F. (2008) *Multiobjective design of operators that detect points of interest in images* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1299–1306.

[224] Turner, C. J, Tiwari, A, & Mehnen, J. (2008) *A genetic programming approach to business process mining* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1307–1314.

[225] Wedge, D. C & Kell, D. B. (2008) *Rapid prediction of optimum population size in genetic programming using a novel genotype -: fitness correlation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1315–1322.

[226] Xie, H, Zhang, M, Andreae, P, & Johnson, M. (2008) *An analysis of multi-sampled issue and no-replacement tournament selection* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1323–1330.

[227] Barate, R & Manzanera, A. (2008) *Generalization performance of vision based controllers for mobile robots evolved with genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1331–1332.

[228] Clegg, J. (2008) *Combining cartesian genetic programming with an estimation of distribution algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1333–1334.

[229] Fogelson, S. V & Potter, W. D. (2008) *A formulation for the relative permittivity of water and steam to high temperatures and pressures evolved using genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1335–1336.

[230] Hu, T & Banzhaf, W. (2008) *Measuring rate of evolution in genetic programming using amino acid to synonymous substitution ratio ka/ks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1337–1338.

[231] Lewis, T. E & Magoulas, G. D. (2008) *TREAD: a new genetic programming representation aimed at research of long term complexity growth* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1339–1340.

[232] Li, C, Hiroyasu, T, & Miki, M. (2008) *Stress-based crossover operator for structure topology optimization using small population size and variable length chromosome* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1341–1342.

[233] Poli, R, McPhee, N. F, & Vanneschi, L. (2008) *Elitism reduces bloat in genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1343–1344.

[234] White, T & Salehi-Abari, A. (2008) *A swarm-based crossover operator for genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1345–1346.

[235] Wijesinghe, G & Ciesielski, V. (2008) *Experiments with indexed FOR-loops in genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1347–1348.

[236] Butz, M. V, Lanzi, P. L, Llorà, X, & Loiacono, D. (2008) *An analysis of matching in learning classifier systems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1349–1356.

[237] Butz, M. V & Herbort, O. (2008) *Context-dependent predictions and cognitive arm control with XCSF* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1357–1364.

[238] Butz, M. V, Stalph, P, & Lanzi, P. L. (2008) *Self-adaptive mutation in XCSF* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1365–1372.

[239] Chow, R, Zhong, W, Blackmon, M, Stolz, R, & Dowell, M. (2008) *An efficient SVM-GA feature selection model for large healthcare databases* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1373–1380.

[240] Hong, Y, Kwong, S, Xiong, H, & Ren, Q. (2008) *Genetic-guided semi-supervised clustering algorithm with instance-level constraints* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1381–1388.

[241] Howard, G. D, Bull, L, & Lanzi, P.-L. (2008) *Self-adaptive constructivism in Neural XCS and XCSF* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1389–1396.

[242] Kassahun, Y, de Gea, J, Edgington, M, Metzen, J. H, & Kirchner, F. (2008) *Accelerating neuroevolutionary methods using a Kalman filter* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1397–1404.

[243] Kohl, N & Miikkulainen, R. (2008) *Evolving neural networks for fractured domains* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1405–1412.

[244] Teixidó-Navarro, F, Orriols-Puig, A, & Bernadó-Mansilla, E. (2008) *Hierarchical evolution of linear regressors* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1413–1420.

[245] Bacardit, J & Krasnogor, N. (2008) *Fast rule representation for continuous attributes in genetics-based machine learning* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1421–1422.

[246] Dos Santos, E. M, Oliveira, L. S, Sabourin, R, & Maupin, P. (2008) *Overfitting in the selection of classifier ensembles: a comparative study between PSO and GA* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1423–1424.

[247] Metzen, J. H, Kirchner, F, Edgington, M, & Kassahun, Y. (2008) *Towards efficient online reinforcement learning using neuroevolution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1425–1426.

[248] Pitangui, C. G & Zaverucha, G. (2008) *Genetic local search for rule learning* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1427–1428.

[249] Priesterjahn, S. (2008) *Imitation-based evolution of artificial players in modern computer games* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1429–1430.

[250] Ramírez-Ruiz, J. A, Valenzuela-Rendón, M, & Terashima-Marín, H. (2008) *A new approach to fuzzy LCSs in two-dimensional continuous multistep environment with continuous vector actions* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1433–1434.

[251] Winkler, S. M, Affenzeller, M, & Wagner, S. (2008) *Fine-grained population diversity estimation for genetic programming based structure identification* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1435–1436.

[252] Abbass, H. A, Bender, A, Dam, H. H, Baker, S, Whitacre, J, & Sarker, R. (2008) *Computational scenario-based capability planning* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1437–1444.

[253] Abraham, A, Biswas, A, Das, S, & Dasgupta, S. (2008) *Design of fractional order PIλDμ controllers with an improved differential evolution* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1445–1452.

[254] Ciesielski, V, Wu, N, & Tahaghoghi, S. (2008) *Evolving similarity functions for code plagiarism detection* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1453–1460.

[255] Das, S, Koduru, P, Cai, X, Welch, S, & Sarangan, V. (2008) *The gene regulatory network: an application to optimal coverage in sensor networks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1461–1468.

[256] David-Tabibi, O, Koppel, M, & Netanyahu, N. S. (2008) *Genetic algorithms for mentor-assisted evaluation function optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1469–1476.

[257] de la Cruz, J. M, Besada-Portas, E, Torre-Cubillo, L, Andres-Toro, B, & Lopez-Orozco, J. A. (2008) *Evolutionary path planner for UAVs in realistic environments* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1477–1484.

[258] George, B, Gibson, S. J, Maylin, M. I, & Solomon, C. J. (2008) *EFIT-V -: interactive evolutionary strategy for the construction of photo-realistic facial composites* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1485–1490.

[259] Grimme, C, Lepping, J, & Papaspyrou, A. (2008) *Discovering performance bounds for grid scheduling by using evolutionary multiobjective optimization* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1491–1498.

[260] Hasircioglu, I, Topcuoglu, H. R, & Ermis, M. (2008) *3-D path planning for the navigation of unmanned aerial vehicles by using evolutionary algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1499–1506.

[261] Hassan, G & Clack, C. D. (2008) *Multiobjective robustness for portfolio optimization in volatile environments* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1507–1514.

[262] Hidalgo, J. I, Risco-Martín, J. L, Atienza, D, & Lanchares, J. (2008) *Analysis of multi-objective evolutionary algorithms to optimize dynamic data types in embedded systems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1515–1522.

[263] Hirayama, Y, Clarke, T, & Miller, J. F. (2008) *Fault tolerant control using Cartesian genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1523–1530.

[264] Holmes, T & Zanker, J. (2008) *Eye on the prize: using overt visual attention to drive fitness for interactive evolutionary computation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1531–1538.

[265] Jaros, J & Dvorak, V. (2008) *An evolutionary design technique for collective communications on optimal diameter-degree networks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1539–1546.

[266] Kabli, R, McCall, J, Herrmann, F, & Ong, E. (2008) *Evolved bayesian networks as a versatile alternative to partin tables for prostate cancer management* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1547–1554.

[267] Kruisselbrink, J. W, Bäck, T, IJzerman, A. P, & van der Horst, E. (2008) *Evolutionary algorithms for automated drug design towards target molecule properties* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1555–1562.

[268] Leigh, R, Schonfeld, J, & Louis, S. J. (2008) *Using coevolution to understand and validate game balance in continuous games* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1563–1570.

[269] Lim, Y. T, Cheng, P. C, Rohatgi, P, & Clark, J. A. (2008) *MLS security policy evolution with genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1571–1578.

[270] Luna, F, Estébanez, C, León, C, Chaves-González, J. M, Alba, E, Aler, R, Segura, C, Vega-Rodríguez, M. A, Nebro, A. J, Valls, J. M, Miranda, G, & Gómez-Pulido, J. A. (2008) *Metaheuristics for solving a real-world frequency assignment problem in GSM networks* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1579–1586.

[271] Matsui, S & Yamada, S. (2008) *Optimizing hierarchical menus by genetic algorithm and simulated annealing* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1587–1594.

[272] Moen, H. J. F & Kristoffersen, S. (2008) *Multi-resistant radar jamming using genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1595–1602.

[273] Oliwa, T. M. (2008) *Genetic algorithms and the abc music notation language for rock music composition* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1603–1610.

[274] Pedersen, G. K & Yang, Z. (2008) *Efficiency optimization of a multi-pump booster system* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1611–1618.

[275] Pedersen, G. K & Yang, Z. (2008) *Estimation of pump-curves using genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1619–1626.

[276] Raja, A, Azad, R. M. A, Flanagan, C, & Ryan, C. (2008) *VoIP speech quality estimation in a mixed context with genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1627–1634.

[277] Saruwatari, S, Llora, X, Yasui, N. I, Tamura, H, Sastry, K, & Goldberg, D. E. (2008) *Speeding online synthesis via enforced selecto-recombination* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1635–1642.

[278] Slany, K. (2008) *Branch predictor on-line evolutionary system* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1643–1648.

[279] Song, A & Fang, D. (2008) *Robust method of detecting moving objects in videos evolved by genetic programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1649–1656.

[280] Wagner, N & Michalewicz, Z. (2008) *An analysis of adaptive windowing for time series forecasting in dynamic environments: further tests of the DyFor GP model* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1657–1664.

[281] Willis, A, Patel, S, & Clack, C. D. (2008) *GP age-layer and crossover effects in bid-offer spread prediction* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1665–1672.

[282] Wu, S. X & Banzhaf, W. (2008) *Combatting financial fraud: a coevolutionary anomaly detection approach* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1673–1680.

[283] Yan, W, Sewell, M. D, & Clack, C. D. (2008) *Learning to optimize profits beats predicting returns -: comparing techniques for financial portfolio optimisation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1681–1688.

[284] Ataka, S & Gen, M. (2008) *The study for transportation planning considered the inventory using hybrid genetic algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1689–1690.

[285] Borenstein, Y, Shah, N, Tsang, E, Dorne, R, Alsheddy, A, & Voudouris, C. (2008) *On the partitioning of dynamic scheduling problems -: assigning technicians to areas* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1691–1692.

[286] Chen, Y, Mabu, S, Shimada, K, & Hirasawa, K. (2008) *Construction of portfolio optimization system using genetic network programming with control nodes* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1693–1694.

[287] Dasgupta, S, Biswas, A, Das, S, & Abraham, A. (2008) *Automatic circle detection on images with an adaptive bacterial foraging algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1695–1696.

[288] de Marcos, L, Martínez, J.-J, Gutierrez, J.-A, Barchino, R, & Gutiérrez, J.-M. (2008) *An evolutionary approach for competency-based curriculum sequencing* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1697–1698.

[289] Dewri, R, Whitley, D, Ray, I, & Ray, I. (2008) *Evolution strategy based optimization of on-demand dependent data broadcast scheduling* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1699–1700.

[290] García-Sánchez, P, Merelo, J. J, Sevilla, J. P, Laredo, J. L, Mora, A. M, & Castillo, P. A. (2008) *Automatic generation of XSLT stylesheets using evolutionary algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1701–1702.

[291] Gyurecz, G. (2008) *Genetic algorithm in removing local NURBS surface irregularities using highlight lines* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1703–1704.

[292] Kodali, S. P, Bandaru, S, Deb, K, Munshi, P, & Kishore, N. N. (2008) *Applicability of genetic algorithms to reconstruction of projected data from ultrasonic tomography* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1705–1706.

[293] eun Lee, J, Gen, M, & gu Rhee, K. (2008) *Designing a multistage reverse logistics network problem by hybrid genetic algorithm* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1707–1708.

[294] Mabu, S, Chen, Y, Ohkawa, E, & Hirasawa, K. (2008) *Stock trading strategies by genetic network programming with flag nodes* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1709–1710.

[295] MacNeil, P. E. (2008) *Genetic algorithms and solutions of an interesting differential equation* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1711–1712.

[296] Ortíz, A. O, Angel E. Mu n. Z, & Aguirre, A. H. (2008) *A hybrid system using PSO and data mining for determining the ranking of a new participant in Eurovision* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1713–1714.

[297] Ohkawa, E, Chen, Y, Mabu, S, Shimada, K, & Hirasawa, K. (2008) *Varying portfolio construction of stocks using genetic network programming with control nodes* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1715–1716.

[298] Oranchak, D. (2008) *Evolutionary algorithm for decryption of monoalphabetic homophonic substitution ciphers encoded as constraint satisfaction problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy,

J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1717–1718.

[299] Quiroz, J. C, Banerjee, A, & Louis, S. J. (2008) *IGAP: interactive genetic algorithm peer to peer* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1719–1720.

[300] Sato, Y, Suzuki, R, & Akatsuka, Y. (2008) *Dependencies on player formation in event-driven hybrid learning classifier systems for soccer video games* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1721–1722.

[301] Sharma, D, Deb, K, & Kishore, N. N. (2008) *A domain-specific crossover and a helper objective for generating minimum weight compliant mechanisms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1723–1724.

[302] Zhang, K, Sun, S, & Si, H. (2008) *Prediction of retention times for a large set of pesticides based on improved gene expression programming* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1725–1726.

[303] Alba, E & Chicano, F. (2008) *Searching for liveness property violations in concurrent systems with ACO* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1727–1734.

[304] Alba, E, Chicano, F, Ferreira, M, & Gomez-Pulido, J. (2008) *Finding deadlocks in large concurrent java programs using genetic algorithms* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1735–1742.

[305] Garousi, V. (2008) *Empirical analysis of a genetic algorithm-based stress test technique* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1743–1750.

[306] Goldsby, H. J & Cheng, B. H. (2008) *Avida-MDE: a digital evolution approach to generating models of adaptive software behavior* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1751–1758.

[307] Lakhotia, K, Harman, M, & McMinn, P. (2008) *Handling dynamic data structures in search based testing* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1759–1766.

[308] Wang, Y, Bai, Z, Zhang, M, Du, W, Qin, Y, & Liu, X. (2008) *Fitness calculation approach for the switch-case construct in evolutionary testing* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S,

Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1767–1774.

[309] White, D. R, Clark, J, Jacob, J, & Poulding, S. M. (2008) *Searching for resource-efficient programs: low-power pseudorandom number generators* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1775–1782.

[310] Ribeiro, J. C. B, Zenha-Rela, M. A, & de Vega, F. F. (2008) *Strongly-typed genetic programming and purity analysis: input domain reduction for evolutionary testing problems* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1783–1784.

[311] Simons, C. L & Parmee, I. C. (2008) *Agent-based support for interactive search in conceptual software engineering design* eds. Keijzer, M, Antoniol, G, Congdon, C. B, Deb, K, Doerr, B, Hansen, N, Holmes, J. H, Hornby, G. S, Howard, D, Kennedy, J, Kumar, S, Lobo, F. G, Miller, J. F, Moore, J, Neumann, F, Pelikan, M, Pollack, J, Sastry, K, Stanley, K, Stoica, A, Talbi, E.-G, & Wegener, I. (ACM, Atlanta, GA, USA), pp. 1785–1786.