Список литературы

- [Agogino & Tumer, 2004] Agogino, A. & Tumer, K. (2004). Efficient evaluation functions for multirover systems. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1-11. http://link.springer.de/link/service/series/ 0558/bibs/3102/31020001.htm
- [Aguilar-Ruiz et al., 2004a] Aguilar-Ruiz, J., Bacardit, J., & Divina, F. (2004a). Experimental evaluation of discretization schemes for rule induction. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 828-839. http://link.springer.de/link/service/series/0558/bibs/3102/31020828.htm
- [Aguilar-Ruiz et al., 2004b] Aguilar-Ruiz, J. S., Mateos, D., Giraldez, R., & Riquelme, J. C. (2004b). Statistical test-based evolutionary segmentation of yeast genome. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 493–494. http://link.springer.de/link/service/series/0558/bibs/3102/31020493.htm
- [Ahn et al., 2004] Ahn, C. W., Ramakrishna, R., & Goldberg, D. E. (2004). Real-coded bayesian optimization algorithm: Bringing the strength of boa into the continuous world. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 840-851. http://link.springer.de/link/service/series/0558/bibs/3102/31020840.htm
- [Alba & Chicano, 2004] Alba, E. & Chicano, J. F. (2004). Training neural networks with ga hybrid algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 852-863. http://link.springer.de/link/service/series/0558/bibs/3102/31020852.htm
- [Alba & Luque, 2004] Alba, E. & Luque, G. (2004). Growth curves and takeover time in distributed evolutionary algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 864-876. http://link.springer.de/link/service/series/0558/bibs/3102/31020864.htm
- [Albrecht, 2004] Albrecht, A. A. (2004). On the complexity to approach optimum solutions by inhomogeneous markov chains. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 642-653. http://link.springer.de/link/service/series/0558/bibs/3102/31020642.htm
- [Aporntewan & Chongstitvatana, 2004] Aporntewan, C. & Chongstitvatana, P. (2004). Simultaneity matrix for solving hierarchically decomposable functions. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 877-888. http://link.springer.de/link/service/series/0558/bibs/3102/31020877.htm
- [Araujo et al., 2004] Araujo, L., Luque, G., & Alba, E. (2004). Metaheuristics for natural language tagging. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 889-900. http://link.springer.de/link/service/series/0558/bibs/3102/31020889.htm
- [Bader-Natal & Pollack, 2004] Bader-Natal, A. & Pollack, J. B. (2004). A population-differential method of monitoring success and failure in coevolution. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 585-586. http://link.springer.de/link/service/series/0558/bibs/3102/31020585.htm
- [Ballester & Carter, 2004] Ballester, P. J. & Carter, J. N. (2004). An effective real-parameter genetic algorithm with parent centric normal crossover for multimodal optimisation. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 901-913. http://link.springer.de/link/service/series/0558/bibs/3102/31020901.htm

- [Bassett et al., 2004] Bassett, J. K., Potter, M. A., & Jong, K. A. D. (2004). Looking under the ea hood with price's equation. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 914–922. http://link.springer.de/link/service/series/0558/bibs/3102/31020914.htm
- [Belda et al., 2004] Belda, I., Llorà, X., Martinell, M., Tarragó, T., & Giralt, E. (2004). Computer-aided peptide evolution for virtual drug design. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 321–332. http://link.springer.de/link/service/series/0558/bibs/3102/31020321.htm
- [Berlik, 2004] Berlik, S. (2004). A step size preserving directed mutation operator. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 786-787. http://link.springer.de/link/service/series/0558/bibs/3102/31020786.htm
- [Berro & Sanchez, 2004] Berro, A. & Sanchez, S. (2004). Autonomous agent for multi-objective optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 251-252. http://link.springer.de/link/service/series/0558/bibs/3102/31020251.htm
- [Beyer, 2004] Beyer, H.-G. (2004). Actuator noise in recombinant evolution strategies on general quadratic fitness models. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 654-665. http://link.springer.de/link/service/series/0558/bibs/3102/31020654.htm
- [Bongard & Lipson, 2004] Bongard, J. C. & Lipson, H. (2004). Automating genetic network inference with minimal physical experimentation using coevolution. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 333-345. http://link.springer.de/link/service/series/0558/bibs/3102/31020333.htm
- [Brabazon et al., 2004] Brabazon, A., Silva, A., de Sousa, T. F., O'Neill, M., Matthews, R., & Costa, E. (2004). A particle swarm model of organizational adaptation. *Genetic and Evolutionary Computation GECCO-2004*, *Part I*, volume 3102 of *Lecture Notes in Computer Science*, 12–23. http://link.springer.de/link/service/series/0558/bibs/3102/31020012.htm
- [Branke et al., 2004] Branke, J., Kamper, A., & Schmeck, H. (2004). Distribution of evolutionary algorithms in heterogeneous networks. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 923-934. http://link.springer.de/link/service/series/0558/bibs/3102/31020923.htm
- [Bucci et al., 2004] Bucci, A., Pollack, J. B., & de Jong, E. (2004). Automated extraction of problem structure. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 501-512. http://link.springer.de/link/service/series/0558/bibs/3102/31020501.htm
- [Buehler et al., 2004] Buehler, E. C., Das, S., & Cully, J. F. (2004). Equilibrium and extinction in a trisexual diploid mating system: An investigation. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 495-496. http://link.springer.de/link/service/series/0558/bibs/3102/31020495.htm
- [Bui & Rizzo, 2004] Bui, T. N. & Rizzo, J. R. (2004). Finding maximum cliques with distributed ants. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 24-35. http://link.springer.de/link/service/series/0558/bibs/3102/31020024.htm
- [Bui & Sundarraj, 2004] Bui, T. N. & Sundarraj, G. (2004). Ant system for the k-cardinality tree problem. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 36-47. http://link.springer.de/link/service/series/0558/bibs/3102/31020036.htm

- [Burns & May, 2004] Burns, D. J. & May, K. T. (2004). On parameterizing models of antigenantibody binding dynamics on surfaces: A genetic algorithm approach and the need for speed. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 497-498. http://link.springer.de/link/service/series/0558/bibs/3102/31020497.htm
- [Buyukbozkirli & Goodman, 2004] Buyukbozkirli, B. & Goodman, E. D. (2004). A statistical model of ga dynamics for the onemax problem. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 935-946. http://link.springer.de/link/service/series/0558/bibs/3102/31020935.htm
- [Cantú-Paz, 2004a] Cantú-Paz, E. (2004a). Adaptive sampling for noisy problems. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 947-958. http://link.springer.de/link/service/series/0558/bibs/3102/31020947.htm
- [Cantú-Paz, 2004b] Cantú-Paz, E. (2004b). Feature subset selection, class separability, and genetic algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 959-970. http://link.springer.de/link/service/series/0558/bibs/3102/31020959.htm
- [Chang et al., 2004] Chang, M., Ohkura, K., Ueda, K., & Sugiyama, M. (2004). Modeling coevolutionary genetic algorithms on two-bit landscapes: Random partnering. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 513-524. http://link.springer.de/link/service/series/0558/bibs/3102/31020513.htm
- [Cheng & Kosorukoff, 2004] Cheng, C. D. & Kosorukoff, A. (2004). Interactive one-max problem allows to compare the performance of interactive and human-based genetic algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 983-993. http://link.springer.de/link/service/series/0558/bibs/3102/31020983.htm
- [Chitty, 2004] Chitty, D. M. (2004). An evolved autonomous controller for satellite task scheduling. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 253-254. http://link.springer.de/link/service/series/0558/bibs/3102/31020253.htm
- [Chitty & Hernandez, 2004] Chitty, D. M. & Hernandez, M. L. (2004). A hybrid ant colony optimisation technique for dynamic vehicle routing. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 48-59. http://link.springer.de/link/service/series/0558/bibs/3102/31020048.htm
- [Choi & Moon, 2004] Choi, S.-S. & Moon, B.-R. (2004). Polynomial approximation of survival probabilities under multi-point crossover. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 994-1005. http://link.springer.de/link/service/series/0558/bibs/3102/31020994.htm
- [Chow, 2004] Chow, R. (2004). Genotype to phenotype mappings with a multiple-chromosome genetic algorithm. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1006-1017. http://link.springer.de/link/service/series/0558/bibs/3102/31021006.htm
- [Chryssomalakos & Stephens, 2004] Chryssomalakos, C. & Stephens, C. R. (2004). What basis for genetic dynamics? Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1018–1029. http://link.springer.de/link/service/series/0558/bibs/3102/31021018.htm
- [Clevenger & Hart, 2004] Clevenger, L. M. & Hart, W. E. (2004). Convergence examples of a filter-based evolutionary algorithm. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 666-677. http://link.springer.de/link/service/series/0558/bibs/3102/31020666.htm

- [Cornforth & Kirley, 2004] Cornforth, D. & Kirley, M. (2004). Cooperative problem solving using an agent-based market. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 60-71. http://link.springer.de/link/service/series/0558/bibs/3102/31020060.htm
- [Curran & O'Riordan, 2004] Curran, D. & O'Riordan, C. (2004). Cultural evolution for sequential decision tasks: Evolving tic-tac-toe players in multi-agent systems. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 72-80. http://link.springer.de/link/service/series/0558/bibs/3102/31020072.htm
- [de Jong, 2004] de Jong, E. D. (2004). The incremental pareto-coevolution archive. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 525-536. http://link.springer.de/link/service/series/0558/bibs/3102/31020525.htm
- [de Jong & Thierens, 2004] de Jong, E. D. & Thierens, D. (2004). Exploiting modularity, hierarchy, and repetition in variable-length problems. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1030-1041. http://link.springer.de/link/service/series/0558/bibs/3102/31021030.htm
- [de Magalhäes et al., 2004] de Magalhäes, C. S., Barbosa, H. J., & Dardenne, L. E. (2004). Selection-insertion schemes in genetic algorithms for the flexible ligand docking problem. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 368-379. http://link.springer.de/link/service/series/0558/bibs/3102/31020368.htm
- [Deb & Gupta, 2004] Deb, K. & Gupta, N. K. (2004). Optimal operating conditions for overhead crane maneuvering using multi-objective evolutionary algorithms. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 1042–1053. http://link.springer.de/link/service/series/0558/bibs/3102/31021042.htm
- [Deb & Pal, 2004] Deb, K. & Pal, K. (2004). Efficiently solving: A large-scale integer linear program using a customized genetic algorithm. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1054-1065. http://link.springer.de/link/service/series/0558/bibs/3102/31021054.htm
- [Delbem et al., 2004] Delbem, A., de Carvalho, A., Policastro, C. A., Pinto, A. K., Honda, K., & Garcia, A. C. (2004). Node-depth encoding for evolutionary algorithms applied to network design. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 678-687. http://link.springer.de/link/service/series/0558/bibs/3102/31020678.htm
- [Dicke et al., 2004] Dicke, E., Byde, A., Layzell, P., & Cliff, D. (2004). Using a genetic algorithm to design and improve storage area network architectures. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 1066-1077. http://link.springer.de/link/service/series/0558/bibs/3102/31021066.htm
- [Dignum & Poli, 2004] Dignum, S. & Poli, R. (2004). Multi-agent foreign exchange market modelling via gp. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 255-256. http://link.springer.de/link/service/series/0558/bibs/3102/31020255.htm
- [Downing, 2004] Downing, K. L. (2004). Artificial life and natural intelligence. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 81-92. http://link.springer.de/link/service/series/0558/bibs/3102/31020081.htm
- [Dozier et al., 2004a] Dozier, G., Brown, D., Hurley, J., & Cain, K. (2004a). Vulnerability analysis of immunity-based intrusion detection systems using evolutionary hackers. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 263–274. http://link.springer.de/link/service/series/0558/bibs/3102/31020263.htm

- [Dozier et al., 2004b] Dozier, G., Cunningham, H., Britt, W., & Zhang, F. (2004b). Distributed constraint satisfaction, restricted recombination, and hybrid genetic search. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1078-1087. http://link.springer.de/link/service/series/0558/bibs/3102/31021078.htm
- [Drewes et al., 2004] Drewes, R., Maciokas, J., Louis, S. J., & Goodman, P. (2004). An evolutionary autonomous agent with visual cortex and recurrent spiking columnar neural network. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 257-258. http://link.springer.de/link/service/series/0558/bibs/3102/31020257.htm
- [Droste, 2004] Droste, S. (2004). Analysis of the (1 + 1) ea for a noisy onemax. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1088-1099. http://link.springer.de/link/service/series/0558/bibs/3102/31021088.htm
- [Fischer, 2004] Fischer, S. (2004). A polynomial upper bound for a mutation-based algorithm on the two-dimensional ising model. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 1100–1112. http://link.springer.de/link/service/series/0558/bibs/3102/31021100.htm
- [Fischer & Wegener, 2004] Fischer, S. & Wegener, I. (2004). The ising model on the ring: Mutation versus recombination. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1113-1124. http://link.springer.de/link/service/series/0558/bibs/3102/31021113.htm
- [Garibay et al., 2004] Garibay, I. I., Garibay, O. O., & Wu, A. S. (2004). Effects of module encapsulation in repetitively modular genotypes on the search space. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1125–1137. http://link.springer.de/link/service/series/0558/bibs/3102/31021125.htm
- [Giacobini et al., 2004] Giacobini, M., Alba, E., Tettamanzi, A., & Tomassini, M. (2004). Modeling selection intensity for toroidal cellular evolutionary algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1138–1149. http://link.springer.de/link/service/series/0558/bibs/3102/31021138.htm
- [Gomez, 2004a] Gomez, J. (2004a). Evolution of fuzzy rule based classifiers. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1150-1161. http://link.springer.de/link/service/series/0558/bibs/3102/31021150.htm
- [Gomez, 2004b] Gomez, J. (2004b). Self adaptation of operator rates in evolutionary algorithms. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1162-1173. http://link.springer.de/link/service/series/0558/bibs/3102/31021162.htm
- [Gómez & Barán, 2004] Gómez, O. & Barán, B. (2004). Arguments for aco's success. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 259-260. http://link.springer.de/link/service/series/0558/bibs/3102/31020259.htm
- [Grahl & Rothlauf, 2004] Grahl, J. & Rothlauf, F. (2004). Polyeda: Combining estimation of distribution algorithms and linear inequality constraints. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1174-1185. http://link.springer.de/link/service/series/0558/bibs/3102/31021174.htm
- [Grajdeanu & Jong, 2004] Grajdeanu, A. & Jong, K. D. (2004). Improving the locality properties of binary representations. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1186-1196. http://link.springer.de/link/service/series/0558/bibs/3102/31021186.htm

- [Greene, 2004] Greene, W. A. (2004). Schema disruption in chromosomes that are structured as binary trees. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1197–1207. http://link.springer.de/link/service/series/0558/bibs/3102/31021197.htm
- [Grosan, 2004] Grosan, C. (2004). A comparison of several algorithms and representations for single objective optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 788-789. http://link.springer.de/link/service/series/0558/bibs/3102/31020788.htm
- [Hang & Dai, 2004] Hang, X. & Dai, H. (2004). Constructing detectors in schema complementary space for anomaly detection. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 275–286. http://link.springer.de/link/service/series/0558/bibs/3102/31020275.htm
- [Howard & Sheppard, 2004] Howard, B. & Sheppard, J. (2004). The royal road not taken: A re-examination of the reasons for ga failure on r1. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1208-1219. http://link.springer.de/link/service/series/0558/bibs/3102/31021208.htm
- [Hu & Goodman, 2004] Hu, J. & Goodman, E. (2004). Robust and efficient genetic algorithms with hierarchical niching and a sustainable evolutionary computation model. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1220–1232. http://link.springer.de/link/service/series/0558/bibs/3102/31021220.htm
- [Huang & Rocha, 2004] Huang, C.-F. & Rocha, L. M. (2004). A systematic study of genetic algorithms with genotype editing. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1233-1245. http://link.springer.de/link/service/series/0558/bibs/3102/31021233.htm
- [Inoue et al., 2004] Inoue, Y., Tohge, T., & Iba, H. (2004). Learning to acquire autonomous behavior: Cooperation by humanoid robots. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 590-602. http://link.springer.de/link/service/series/0558/bibs/3102/31020590.htm
- [Iorio & Li, 2004] Iorio, A. W. & Li, X. (2004). A cooperative coevolutionary multiobjective algorithm using non-dominated sorting. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 537-548. http://link.springer.de/link/service/series/0558/bibs/3102/31020537.htm
- [Ishibuchi & Narukawa, 2004] Ishibuchi, H. & Narukawa, K. (2004). Some issues on the implementation of local search in evolutionary multiobjective optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1246-1258. http://link.springer.de/link/service/series/0558/bibs/3102/31021246.htm
- [Ishibuchi & Shibata, 2004] Ishibuchi, H. & Shibata, Y. (2004). Mating scheme for controlling the diversity-convergence balance for multiobjective optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1259–1271. http://link.springer.de/link/service/series/0558/bibs/3102/31021259.htm
- [Jakob et al., 2004] Jakob, W., Blume, C., & Bretthauer, G. (2004). Towards a generally applicable self-adapting hybridization of evolutionary algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 790-791. http://link.springer.de/link/service/series/0558/bibs/3102/31020790.htm
- [Ji & Dasgupta, 2004] Ji, Z. & Dasgupta, D. (2004). Real-valued negative selection algorithm with variable-sized detectors. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 287-298. http://link.springer.de/link/service/series/0558/bibs/3102/31020287.htm

- [Jin & Sendhoff, 2004] Jin, Y. & Sendhoff, B. (2004). Reducing fitness evaluations using clustering techniques and neural network ensembles. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 688-699. http://link.springer.de/link/service/series/0558/bibs/3102/31020688.htm
- [Julstrom, 2004] Julstrom, B. A. (2004). Encoding bounded-diameter spanning trees with permutations and with random keys. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1272-1281. http://link.springer.de/link/service/series/0558/bibs/3102/31021272.htm
- [Julstrom & Antoniades, 2004] Julstrom, B. A. & Antoniades, A. (2004). Three evolutionary codings of rectilinear steiner arborescences. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1282–1291. http://link.springer.de/link/service/series/0558/bibs/3102/31021282.htm
- [Jung & Moon, 2004] Jung, S. & Moon, B.-R. (2004). Central point crossover for neuro-genetic hybrids. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1292-1303. http://link.springer.de/link/service/series/0558/bibs/3102/31021292.htm
- [Just & Sun, 2004] Just, W. & Sun, X. (2004). Is the predicted ess in the sequential assessment game evolvable? Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 499-500. http://link.springer.de/link/service/series/0558/bibs/3102/31020499.htm
- [Keymeulen et al., 2004] Keymeulen, D., Zebulum, R., Duong, V., Guo, X., Ferguson, I., & Stoica, A. (2004). High temperature experiments for circuit self-recovery. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 792–803. http://link.springer.de/link/service/series/0558/bibs/3102/31020792.htm
- [Kim et al., 2004] Kim, Y.-H., Lee, S.-Y., & Moon, B.-R. (2004). A genetic approach for gene selection on microarray expression data. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 346-355. http://link.springer.de/link/service/series/0558/bibs/3102/31020346.htm
- [Klau et al., 2004] Klau, G. W., Ljubic, I., Moser, A., Mutzel, P., Neuner, P., Pferschy, U., Raidl, G., & Weiskircher, R. (2004). Combining a memetic algorithm with integer programming to solve the prize-collecting steiner tree problem. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1304–1315. http://link.springer.de/link/service/series/0558/bibs/3102/31021304.htm
- [Koduru et al., 2004] Koduru, P., Das, S., Welch, S., & Roe, J. L. (2004). Fuzzy dominance based multiobjective ga-simplex hybrid algorithms applied to gene network models. *Genetic and Evolutionary Computation - GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 356–367. http://link.springer.de/link/service/series/0558/bibs/3102/31020356.htm
- [Kowaliw et al., 2004] Kowaliw, T., Grogono, P., & Kharma, N. (2004). Bluenome: A novel developmental model of artificial morphogenesis. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 93-104. http://link.springer.de/link/service/series/0558/bibs/3102/31020093.htm
- [Langeheine et al., 2004] Langeheine, J., Trefzer, M., Brüderle, D., Meier, K., & Schemmel, J. (2004). On the evolution of analog electronic circuits using building blocks on a cmos fpta. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1316-1327. http://link.springer.de/link/service/series/0558/bibs/3102/31021316.htm
- [Li, 2004a] Li, X. (2004a). Adaptively choosing neighbourhood bests using species in a particle swarm optimizer for multimodal function optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 105–116. http://link.springer.de/link/service/series/0558/bibs/3102/31020105.htm

- [Li, 2004b] Li, X. (2004b). Better spread and convergence: Particle swarm multiobjective optimization using the maximin fitness function. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 117-128. http://link.springer.de/link/service/series/0558/bibs/3102/31020117.htm
- [Liekens et al., 2004] Liekens, A. M., ten Eikelder, H. M., & Hilbers, P. A. (2004). Predicting genetic drift in 2x2 games. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 549-560. http://link.springer.de/link/service/series/0558/bibs/3102/31020549.htm
- [Lima & Lobo, 2004] Lima, C. F. & Lobo, F. G. (2004). Parameter-less optimization with the extended compact genetic algorithm and iterated local search. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 1328-1339. http://link.springer.de/link/service/series/0558/bibs/3102/31021328.htm
- [Lunacek et al., 2004] Lunacek, M., Whitley, D., Gabriel, P., & Stephens, G. (2004). Comparing search algorithms for the temperature inversion problem. *Genetic and Evolutionary Computation GECCO-2004*, *Part I*, volume 3102 of *Lecture Notes in Computer Science*, 1340-1351. http://link.springer.de/link/service/series/0558/bibs/3102/31021340.htm
- [Maniadakis & Trahanias, 2004] Maniadakis, M. & Trahanias, P. (2004). Evolution tunes coevolution: Modelling robot cognition mechanisms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 640-641. http://link.springer.de/link/service/series/0558/bibs/3102/31020640.htm
- [Mauri et al., 2004] Mauri, G., Mosca, R., & Pavesi, G. (2004). A ga approach to the definition of regulatory signals in genomic sequences. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 380-391. http://link.springer.de/link/service/series/0558/bibs/3102/31020380.htm
- [Menon, 2004] Menon, A. (2004). Inequality's arrow: The role of greed and order in genetic algorithms. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1352-1364. http://link.springer.de/link/service/series/0558/bibs/3102/31021352.htm
- [Mezura-Montes & Coello, 2004] Mezura-Montes, E. & Coello, C. A. C. (2004). An improved diversity mechanism for solving constrained optimization problems using a multimembered evolution strategy. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 700-712. http://link.springer.de/link/service/series/0558/bibs/3102/31020700.htm
- [Miles et al., 2004] Miles, C., Louis, S. J., & Drewes, R. (2004). Trap avoidance in strategic computer game playing with case injected genetic algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1365-1376. http://link.springer.de/link/service/series/0558/bibs/3102/31021365.htm
- [Miller, 2004] Miller, J. F. (2004). Evolving a self-repairing, self-regulating, french flag organism. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 129-139. http://link.springer.de/link/service/series/0558/bibs/3102/31020129.htm
- [Monson & Seppi, 2004] Monson, C. K. & Seppi, K. D. (2004). The kalman swarm: A new approach to particle motion in swarm optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 140-150. http://link.springer.de/link/service/series/0558/bibs/3102/31020140.htm
- [Moore & Hahn, 2004] Moore, J. H. & Hahn, L. W. (2004). Systems biology modeling in human genetics using petri nets and grammatical evolution. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 392-401. http://link.springer.de/link/service/series/0558/bibs/3102/31020392.htm

- [Moraglio & Poli, 2004] Moraglio, A. & Poli, R. (2004). Topological interpretation of crossover. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1377-1388. http://link.springer.de/link/service/series/0558/bibs/3102/31021377.htm
- [Mumford, 2004] Mumford, C. L. (2004). Simple population replacement strategies for a steady-state multi-objective evolutionary algorithm. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1389–1400. http://link.springer.de/link/service/series/0558/bibs/3102/31021389.htm
- [Nadimi & Bhanu, 2004] Nadimi, S. & Bhanu, B. (2004). Cooperative coevolution fusion for moving object detection. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 587-589. http://link.springer.de/link/service/series/0558/bibs/3102/31020587.htm
- [Nakano & Suda, 2004] Nakano, T. & Suda, T. (2004). Adaptive and evolvable network services. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 151-162. http://link.springer.de/link/service/series/0558/bibs/3102/31020151.htm
- [Nasraoui et al., 2004] Nasraoui, O., Rojas, C., & Cardona, C. (2004). Dynamic and scalable evolutionary data mining: An approach based on a self-adaptive multiple expression mechanism. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1401-1413. http://link.springer.de/link/service/series/0558/bibs/3102/31021401.htm
- [Neumann & Wegener, 2004] Neumann, F. & Wegener, I. (2004). Randomized local search, evolutionary algorithms, and the minimum spanning tree problem. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 713–724. http://link.springer.de/link/service/series/0558/bibs/3102/31020713.htm
- [Nicolau & Ryan, 2004] Nicolau, M. & Ryan, C. (2004). Crossover, population dynamics, and convergence in the gauge system. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 1414-1425. http://link.springer.de/link/service/series/0558/bibs/3102/31021414.htm
- [Ohnishi et al., 2004] Ohnishi, K., Sastry, K., Chen, Y.-P., & Goldberg, D. E. (2004). Inducing sequentiality using grammatical genetic codes. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 1426-1437. http://link.springer.de/link/service/series/0558/bibs/3102/31021426.htm
- [O'Neill & Brabazon, 2004] O'Neill, M. & Brabazon, A. (2004). Grammatical swarm. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 163-174. http://link.springer.de/link/service/series/0558/bibs/3102/31020163.htm
- [Paine & Tani, 2004] Paine, R. W. & Tani, J. (2004). Evolved motor primitives and sequences in a hierarchical recurrent neural network. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 603-614. http://link.springer.de/link/service/series/0558/bibs/3102/31020603.htm
- [Palacios-Durazo & Valenzuela-Rendón, 2004] Palacios-Durazo, R. A. & Valenzuela-Rendón, M. (2004). Similarities between co-evolution and learning classifier systems and their applications. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 561-572. http://link.springer.de/link/service/series/0558/bibs/3102/31020561.htm
- [Panait et al., 2004] Panait, L., Wiegand, R. P., & Luke, S. (2004). A sensitivity analysis of a cooperative coevolutionary algorithm biased for optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 573–584. http://link.springer.de/link/service/series/0558/bibs/3102/31020573.htm

- [Parsopoulos et al., 2004] Parsopoulos, K., Papageorgiou, E., Groumpos, P., & Vrahatis, M. (2004). Evolutionary computation techniques for optimizing fuzzy cognitive maps in radiation therapy systems. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 402-413. http://link.springer.de/link/service/series/0558/bibs/3102/31020402.htm
- [Paul & Iba, 2004] Paul, T. K. & Iba, H. (2004). Identification of informative genes for molecular classification using probabilistic model building genetic algorithm. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 414–425. http://link.springer.de/link/service/series/0558/bibs/3102/31020414.htm
- [Peterson et al., 2004] Peterson, M. R., Doom, T. E., & Raymer, M. L. (2004). Ga-facilitated knowledge discovery and pattern recognition optimization applied to the biochemistry of protein solvation. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 426–437. http://link.springer.de/link/service/series/0558/bibs/3102/31020426.htm
- [ping Chen & Goldberg, 2004] ping Chen, Y. & Goldberg, D. E. (2004). Introducing subchromosome representations to the linkage learning genetic algorithm. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 971–982. http://link.springer.de/link/service/series/0558/bibs/3102/31020971.htm
- [Pires et al., 2004] Pires, E. S., Machado, J. T., & de Moura Oliveira, P. (2004). Robot trajectory planning using multi-objective genetic algorithm optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 615–626. http://link.springer.de/link/service/series/0558/bibs/3102/31020615.htm
- [Pulido & Coello, 2004] Pulido, G. T. & Coello, C. A. C. (2004). Using clustering techniques to improve the performance of a multi-objective particle swarm optimizer. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 225–237. http://link.springer.de/link/service/series/0558/bibs/3102/31020225.htm
- [qiang Qi et al., 2004] qiang Qi, Z., min Song, S., hua Yang, Z., da Hu, G., & en Zhang, F. (2004). A novel immune feedback control algorithm and its applications. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 318–320. http://link.springer.de/link/service/series/0558/bibs/3102/31020318.htm
- [Rieffel & Pollack, 2004] Rieffel, J. & Pollack, J. (2004). The emergence of ontogenic scaffolding in a stochastic development environment. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 804-815. http://link.springer.de/link/service/series/0558/bibs/3102/31020804.htm
- [Ritchie et al., 2004] Ritchie, M. D., Coffey, C. S., & Moore, J. H. (2004). Genetic programming neural networks as a bioinformatics tool for human genetics. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 438-448. http://link.springer.de/link/service/series/0558/bibs/3102/31020438.htm
- [Rowe & zena Hidović, 2004] Rowe, J. E. & zena Hidović, D. (2004). An evolution strategy using a continuous version of the gray-code neighbourhood distribution. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 725–736. http://link.springer.de/link/service/series/0558/bibs/3102/31020725.htm
- [Sapin et al., 2004] Sapin, E., Bailleux, O., Chabrier, J.-J., & Collet, P. (2004). A new universal cellular automaton discovered by evolutionary algorithms. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 175-187. http://link.springer.de/link/service/series/0558/bibs/3102/31020175.htm
- [Semet et al., 2004] Semet, Y., O'Reilly, U.-M., & Durand, F. (2004). An interactive artificial ant approach to non-photorealistic rendering. *Genetic and Evolutionary Computation GECCO-2004, Part I*, volume 3102 of *Lecture Notes in Computer Science*, 188-200. http://link.springer.de/link/service/series/0558/bibs/3102/31020188.htm

- [Sheneman & Foster, 2004] Sheneman, L. & Foster, J. A. (2004). Evolving better multiple sequence alignments. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 449–460. http://link.springer.de/link/service/series/0558/bibs/3102/31020449.htm
- [Shu et al., 2004] Shu, L.-S., Ho, S.-J., Ho, S.-Y., Chen, J.-H., & Hung, M.-H. (2004). A novel multi-objective orthogonal simulated annealing algorithm for solving multi-objective optimization problems with a large number of parameters. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 737–747. http://link.springer.de/link/service/series/0558/bibs/3102/31020737.htm
- [Spieth et al., 2004] Spieth, C., Streichert, F., Speer, N., & Zell, A. (2004). Optimizing topology and parameters of gene regulatory network models from time-series experiments. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 461-470. http://link.springer.de/link/service/series/0558/bibs/3102/31020461.htm
- [Stibor et al., 2004] Stibor, T., Bayarou, K. M., & Eckert, C. (2004). An investigation of r-chunk detector generation on higher alphabets. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 299-307. http://link.springer.de/link/service/series/0558/bibs/3102/31020299.htm
- [Storch, 2004] Storch, T. (2004). On the choice of the population size. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 748–760. http://link.springer.de/link/service/series/0558/bibs/3102/31020748.htm
- [Streichert et al., 2004] Streichert, F., Planatscher, H., Spieth, C., Ulmer, H., & Zell, A. (2004). Comparing genetic programming and evolution strategies on inferring gene regulatory networks. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 471-480. http://link.springer.de/link/service/series/0558/bibs/3102/31020471.htm
- [Talbott, 2004] Talbott, W. A. (2004). Automatic creation of team-control plans using an assignment branch in genetic programming. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 201–212. http://link.springer.de/link/service/series/0558/bibs/3102/31020201.htm
- [Tanev et al., 2004] Tanev, I., Ray, T., & Buller, A. (2004). Evolution, robustness, and adaptation of sidewinding locomotion of simulated snake-like robot. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 627-639. http://link.springer.de/link/service/series/0558/bibs/3102/31020627.htm
- [Tanev & Yuta, 2004] Tanev, I. & Yuta, K. (2004). Implications of epigenetic learning via modification of histones on performance of genetic programming. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 213–224. http://link.springer.de/link/service/series/0558/bibs/3102/31020213.htm
- [Thoma & Sanchez, 2004] Thoma, Y. & Sanchez, E. (2004). A reconfigurable chip for evolvable hardware. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 816-827. http://link.springer.de/link/service/series/0558/bibs/3102/31020816.htm
- [Timmis & Edmonds, 2004] Timmis, J. & Edmonds, C. (2004). A comment on opt-ainet: An immune network algorithm for optimisation. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 308-317. http://link.springer.de/link/service/series/0558/bibs/3102/31020308.htm
- [Witt, 2004] Witt, C. (2004). An analysis of the (1+1) ea on simple pseudo-boolean functions. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 761-773. http://link.springer.de/link/service/series/0558/bibs/3102/31020761.htm

- [Xie & Zhang, 2004a] Xie, X.-F. & Zhang, W.-J. (2004a). Solving engineering design problems by social cognitive optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 261-262. http://link.springer.de/link/service/series/0558/bibs/3102/31020261.htm
- [Xie & Zhang, 2004b] Xie, X.-F. & Zhang, W.-J. (2004b). Swaf: Swarm algorithm framework for numerical optimization. Genetic and Evolutionary Computation GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 238-250. http://link.springer.de/link/service/series/0558/bibs/3102/31020238.htm
- [Yanai & Iba, 2004] Yanai, K. & Iba, H. (2004). Program evolution by integrating edp and gp. Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, 774-785. http://link.springer.de/link/service/series/0558/bibs/3102/31020774.htm
- [Yang et al., 2004] Yang, J.-M., Shen, T.-W., Chen, Y.-F., & Chiu, Y.-Y. (2004). An evolutionary approach with pharmacophore-based scoring functions for virtual database screening. *Genetic and Evolutionary Computation GECCO-2004*, Part I, volume 3102 of Lecture Notes in Computer Science, 481-492. http://link.springer.de/link/service/series/0558/bibs/3102/31020481.htm