

## Список литературы

- [Acan & Unveren, 2004] Acan, A. & Unveren, A. (2004). An evolutionary constraint satisfaction solution for over the cell channel routing. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 838–849. <https://doi.org/doi:10.1007/b98645>
- [Adamopoulos et al., 2004] Adamopoulos, K., Harman, M., & Hierons, R. M. (2004). How to overcome the equivalent mutant problem and achieve tailored selective mutation using co-evolution. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1338–1349. <https://doi.org/doi:10.1007/b98645>
- [Agarwal et al., 2004a] Agarwal, A., Lim, M.-H., Chew, C. Y., Poo, T. K., Er, M. J., & Leong, Y. K. (2004a). Solution to the fixed airbase problem for autonomous urav site visitation sequencing. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 850–858. <https://doi.org/doi:10.1007/b98645>
- [Agarwal et al., 2004b] Agarwal, A., Lim, M.-H., Kyaw, M. Y. W., & Er, M. J. (2004b). Inflight rerouting for an unmanned aerial vehicle. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 859–868. <https://doi.org/doi:10.1007/b98645>
- [Ali & Topchy, 2004] Ali, W. & Topchy, A. (2004). Memetic optimization of video chain designs. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 869–882. <https://doi.org/doi:10.1007/b98645>
- [Andrews & Salzberg, 2004] Andrews, M. W. & Salzberg, C. (2004). Sexual and asexual paradigms in evolution: The implications for genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 379–380. <https://doi.org/doi:10.1007/b98645>
- [Antoniol et al., 2004] Antoniol, G., Penta, M. D., & Harman, M. (2004). Search-based techniques for optimizing software project resource allocation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1425–1426. <https://doi.org/doi:10.1007/b98645>
- [Bacardit & Garrell, 2004] Bacardit, J. & Garrell, J. M. (2004). Analysis and improvements of the adaptive discretization intervals knowledge representation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 726–738. <https://doi.org/doi:10.1007/b98645>
- [Bae & Moon, 2004] Bae, S.-H. & Moon, B.-R. (2004). Mutation rates in the context of hybrid genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 381–382. <https://doi.org/doi:10.1007/b98645>
- [Balan & Luke, 2004] Balan, G. C. & Luke, S. (2004). A demonstration of neural programming applied to non-markovian problems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 422–433. <https://doi.org/doi:10.1007/b98645>
- [Ballester & Carter, 2004] Ballester, P. J. & Carter, J. N. (2004). Tackling an inverse problem from the petroleum industry with a genetic algorithm for sampling. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1299–1300. <https://doi.org/doi:10.1007/b98645>
- [Bambha et al., 2004] Bambha, N. K., Bhattacharyya, S. S., Teich, J., & Zitzler, E. (2004). Systematic integration of parameterized local search techniques in evolutionary algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 383–384. <https://doi.org/doi:10.1007/b98645>

- [Bandte & Malinchik, 2004] Bandte, O. & Malinchik, S. (2004). A broad and narrow approach to interactive evolutionary design – an aircraft design example. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 883–895. <https://doi.org/doi:10.1007/b98645>
- [Barbieri et al., 2004] Barbieri, A., Cagnoni, S., & Colavolpe, G. (2004). A genetic approach for generating good linear block error-correcting codes. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1301–1302. <https://doi.org/doi:10.1007/b98645>
- [Baresel et al., 2004] Baresel, A., Sthamer, H., & Wegener, J. (2004). Applying evolutionary testing to search for critical defects. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1427–1428. <https://doi.org/doi:10.1007/b98645>
- [Bernstein et al., 2004] Bernstein, Y., Li, X., Ciesielski, V., & Song, A. (2004). Improving generalisation performance through multiobjective parsimony enforcement. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 702–703. <https://doi.org/doi:10.1007/b98645>
- [Bhanu et al., 2004] Bhanu, B., Yu, J., Tan, X., & Lin, Y. (2004). Feature synthesis using genetic programming for face expression recognition. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 896–907. <https://doi.org/doi:10.1007/b98645>
- [Branke et al., 2004] Branke, J., Funes, P., & Thiele, F. (2004). Evolving en-route caching strategies for the internet. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 434–446. <https://doi.org/doi:10.1007/b98645>
- [Bui & Youssef, 2004] Bui, T. N. & Youssef, W. A. (2004). An enhanced genetic algorithm for dna sequencing by hybridization with positive and negative errors. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 908–919. <https://doi.org/doi:10.1007/b98645>
- [Butz et al., 2004a] Butz, M. V., Goldberg, D. E., & Lanzi, P. L. (2004a). Bounding learning time in xcs. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 739–750. <https://doi.org/doi:10.1007/b98645>
- [Butz et al., 2004b] Butz, M. V., Goldberg, D. E., & Lanzi, P. L. (2004b). Gradient-based learning updates improve xcs performance in multistep problems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 751–762. <https://doi.org/doi:10.1007/b98645>
- [Chen et al., 2004] Chen, Y.-C., Yang, J.-M., Tsai, C.-H., & Kao, C.-Y. (2004). Comparative molecular binding energy analysis of hiv-1 protease inhibitors using genetic algorithm-based partial least squares method. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 385–386. <https://doi.org/doi:10.1007/b98645>
- [Chia & Tan, 2004] Chia, H. W.-K. & Tan, C.-L. (2004). Confidence and support classification using genetically programmed neural logic networks. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 836–837. <https://doi.org/doi:10.1007/b98645>
- [Choi & Moon, 2004] Choi, Y.-S. & Moon, B.-R. (2004). Genetic fuzzy discretization for classification problems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1303–1304. <https://doi.org/doi:10.1007/b98645>
- [Dallaali & Premaratne, 2004] Dallaali, M. A. & Premaratne, M. (2004). Controlled content crossover: A new crossover scheme and its application to optical network component allocation problem. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 387–389. <https://doi.org/doi:10.1007/b98645>

- [de Silva Garza & Lores, 2004] de Silva Garza, A. G. & Lores, A. Z. (2004). Automating evolutionary art in the style of mondrian. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 394–395. <https://doi.org/doi:10.1007/b98645>
- [Deb et al., 2004] Deb, K., Mitra, K., Dewri, R., & Majumdar, S. (2004). Unveiling optimal operating conditions for an epoxy polymerization process using multi-objective evolutionary computation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 920–931. <https://doi.org/doi:10.1007/b98645>
- [Dempsey et al., 2004] Dempsey, I., O'Neill, M., & Brabazon, A. (2004). Grammatical constant creation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 447–458. <https://doi.org/doi:10.1007/b98645>
- [Derderian et al., 2004] Derderian, K., Hierons, R. M., Harman, M., & Guo, Q. (2004). Input sequence generation for testing of communicating finite state machines (cfsms). *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1429–1430. <https://doi.org/doi:10.1007/b98645>
- [Devireddy & Reed, 2004] Devireddy, V. & Reed, P. (2004). Efficient and reliable evolutionary multiobjective optimization using e-dominance archiving and adaptive population sizing. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 390–391. <https://doi.org/doi:10.1007/b98645>
- [Elliott et al., 2004a] Elliott, L., Ingham, D. B., Kyne, A. G., Mera, N. S., Pourkashanian, M., & Whittaker, S. (2004a). Efficient clustering-based genetic algorithms in chemical kinetic modelling. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 932–944. <https://doi.org/doi:10.1007/b98645>
- [Elliott et al., 2004b] Elliott, L., Ingham, D. B., Kyne, A. G., Mera, N. S., Pourkashanian, M., & Wilson, C. W. (2004b). An informed operator based genetic algorithm for tuning the reaction rate parameters of chemical kinetics mechanisms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 945–956. <https://doi.org/doi:10.1007/b98645>
- [Eskridge & Hougen, 2004] Eskridge, B. E. & Hougen, D. F. (2004). Memetic crossover for genetic programming: Evolution through imitation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 459–470. <https://doi.org/doi:10.1007/b98645>
- [Fernandez, 2004] Fernandez, T. (2004). Virtual ramping of genetic programming populations. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 471–482. <https://doi.org/doi:10.1007/b98645>
- [Fernlund & Gonzalez, 2004] Fernlund, H. & Gonzalez, A. J. (2004). Using gp to model contextual human behavior. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 704–705. <https://doi.org/doi:10.1007/b98645>
- [Ferrandi et al., 2004] Ferrandi, F., Lanzi, P. L., & Sciuto, D. (2004). System level hardware-software design exploration with xcs. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 763–773. <https://doi.org/doi:10.1007/b98645>
- [Ferreira & Vergilio, 2004] Ferreira, L. P. & Vergilio, S. R. (2004). Tdsgen: An environment based on hybrid genetic algorithms for generation of test data. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1431–1432. <https://doi.org/doi:10.1007/b98645>
- [Frommer et al., 2004] Frommer, I., Golden, B., & Pundoor, G. (2004). Heuristic methods for solving euclidean non-uniform steiner tree problems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 392–393. <https://doi.org/doi:10.1007/b98645>

- [Fukunaga, 2004] Fukunaga, A. S. (2004). Evolving local search heuristics for sat using genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 483–494. <https://doi.org/doi:10.1007/b98645>
- [Gomez & Miikkulainen, 2004] Gomez, F. J. & Miikkulainen, R. (2004). Transfer of neuroevolved controllers in unstable domains. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 957–968. <https://doi.org/doi:10.1007/b98645>
- [González et al., 2004] González, L. C., Romero, H. J., & Brizuela, C. A. (2004). A genetic algorithm for the shortest common superstring problem. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1305–1306. <https://doi.org/doi:10.1007/b98645>
- [Grasemann & Miikkulainen, 2004] Grasemann, U. & Miikkulainen, R. (2004). Evolving wavelets using a coevolutionary genetic algorithm and lifting. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 969–980. <https://doi.org/doi:10.1007/b98645>
- [Hamza & Saitou, 2004] Hamza, K. & Saitou, K. (2004). Optimization of constructive solid geometry via a tree-based multi-objective genetic algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 981–992. <https://doi.org/doi:10.1007/b98645>
- [Handa, 2004] Handa, H. (2004). Mutation can improve the search capability of estimation of distribution algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 396–397. <https://doi.org/doi:10.1007/b98645>
- [Harmon et al., 2004] Harmon, S., Rodríguez, E., Zhong, C., & Hsu, W. (2004). A comparison of hybrid incremental reuse strategies for reinforcement learning in genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 706–707. <https://doi.org/doi:10.1007/b98645>
- [Hercog, 2004] Hercog, L. M. (2004). Co-evolutionary agent self-organization for city traffic congestion modeling. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 993–1004. <https://doi.org/doi:10.1007/b98645>
- [Hoai & McKay, 2004] Hoai, N. X. & McKay, R. (2004). Softening the structural difficulty in genetic programming with tag-based representation and insertion/deletion operators. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 605–616. <https://doi.org/doi:10.1007/b98645>
- [Hodjat et al., 2004] Hodjat, B., Ito, J., & Amamiya, M. (2004). A genetic algorithm to improve agent-oriented natural language interpreters. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1307–1309. <https://doi.org/doi:10.1007/b98645>
- [Hong et al., 2004] Hong, Q., Kwong, S., & Wang, H. (2004). Optimization of gaussian mixture model parameters for speaker identification. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1310–1311. <https://doi.org/doi:10.1007/b98645>
- [Hornby, 2004] Hornby, G. S. (2004). Shortcomings with tree-structured edge encodings for neural networks. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 495–506. <https://doi.org/doi:10.1007/b98645>
- [Huang & Sun, 2004] Huang, C.-Y. & Sun, C.-T. (2004). Parameter adaptation within co-adaptive learning classifier systems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 774–784. <https://doi.org/doi:10.1007/b98645>



- [Hussain et al., 2004] Hussain, T., Montana, D., & Vidaver, G. (2004). Evolution-based deliberative planning for cooperating unmanned ground vehicles in a dynamic environment. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1017–1029. <https://doi.org/doi:10.1007/b98645>
- [Janikow, 2004] Janikow, C. Z. (2004). Adapting representation in genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 507–518. <https://doi.org/doi:10.1007/b98645>
- [Jung & Reggia, 2004] Jung, J.-Y. & Reggia, J. A. (2004). A descriptive encoding language for evolving modular neural networks. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 519–530. <https://doi.org/doi:10.1007/b98645>
- [Kamalian et al., 2004] Kamalian, R., Takagi, H., & Agogino, A. M. (2004). Optimized design of mems by evolutionary multi-objective optimization with interactive evolutionary computation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1030–1041. <https://doi.org/doi:10.1007/b98645>
- [Keedwell & Khu, 2004] Keedwell, E. & Khu, S.-T. (2004). Hybrid genetic algorithms for multi-objective optimisation of water distribution networks. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1042–1053. <https://doi.org/doi:10.1007/b98645>
- [Keijzer et al., 2004] Keijzer, M., Ryan, C., & Cattolico, M. (2004). Run transferable libraries – learning functional bias in problem domains. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 531–542. <https://doi.org/doi:10.1007/b98645>
- [Kim et al., 2004a] Kim, J.-H., Choi, S.-S., & Moon, B.-R. (2004a). Neural network normalization for genetic search. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 398–399. <https://doi.org/doi:10.1007/b98645>
- [Kim et al., 2004b] Kim, J.-P., Kim, Y.-H., & Moon, B.-R. (2004b). A hybrid genetic approach for circuit bipartitioning. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1054–1064. <https://doi.org/doi:10.1007/b98645>
- [Kim & Moon, 2004a] Kim, Y.-H. & Moon, B.-R. (2004a). Distance measures in genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 400–401. <https://doi.org/doi:10.1007/b98645>
- [Kim & Moon, 2004b] Kim, Y.-H. & Moon, B.-R. (2004b). Lagrange multiplier method for multi-campaign assignment problem. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1065–1077. <https://doi.org/doi:10.1007/b98645>
- [Kirshenbaum & Suermondt, 2004] Kirshenbaum, E. & Suermondt, H. J. (2004). Using genetic programming to obtain a closed-form approximation to a recursive function. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 543–556. <https://doi.org/doi:10.1007/b98645>
- [Kleeman et al., 2004] Kleeman, M. P., Day, R. O., & Lamont, G. B. (2004). Analysis of a parallel moea solving the multi-objective quadratic assignment problem. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 402–403. <https://doi.org/doi:10.1007/b98645>
- [Kordon et al., 2004] Kordon, A., Jordaan, E., Chew, L., Smits, G., Bruck, T., Haney, K., & Jenings, A. (2004). Biomass inferential sensor based on ensemble of models generated by genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1078–1089. <https://doi.org/doi:10.1007/b98645>

- [Kovacs & Kerber, 2004] Kovacs, T. & Kerber, M. (2004). High classification accuracy does not imply effective genetic search. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 785–796. <https://doi.org/doi:10.1007/b98645>
- [Kowaliw et al., 2004] Kowaliw, T., Kharma, N., Jensen, C., Moghnieh, H., & Yao, J. (2004). Cellnet co-ev: Evolving better pattern recognizers using competitive co-evolution. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1090–1101. <https://doi.org/doi:10.1007/b98645>
- [Kwon & Moon, 2004a] Kwon, Y.-K. & Moon, B.-R. (2004a). Evolutionary ensemble for stock prediction. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1102–1113. <https://doi.org/doi:10.1007/b98645>
- [Kwon & Moon, 2004b] Kwon, Y.-K. & Moon, B.-R. (2004b). Evolving features in neural networks for system identification. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 404–405. <https://doi.org/doi:10.1007/b98645>
- [Lam & Ciesielski, 2004] Lam, B. & Ciesielski, V. (2004). Discovery of human-competitive image texture feature extraction programs using genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1114–1125. <https://doi.org/doi:10.1007/b98645>
- [Lammermann et al., 2004] Lammermann, F., Baresel, A., & Wegener, J. (2004). Evaluating evolutionary testability with software-measurements. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1350–1362. <https://doi.org/doi:10.1007/b98645>
- [Lefort et al., 2004] Lefort, V., Knibbe, C., Beslon, G., & Favrel, J. (2004). A bio-inspired genetic algorithm with a self-organizing genome: The rbf-gene model. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 406–407. <https://doi.org/doi:10.1007/b98645>
- [Leier & Banzhaf, 2004] Leier, A. & Banzhaf, W. (2004). Comparison of selection strategies for evolutionary quantum circuit design. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 557–568. <https://doi.org/doi:10.1007/b98645>
- [Leon et al., 2004] Leon, E., Nasraoui, O., & Gomez, J. (2004). Network intrusion detection using genetic clustering. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1312–1313. <https://doi.org/doi:10.1007/b98645>
- [Liang et al., 2004] Liang, Y., Leung, K.-S., & Mok, T. S. K. (2004). Evolutionary drug scheduling model for cancer chemotherapy. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1126–1137. <https://doi.org/doi:10.1007/b98645>
- [Liu & Iba, 2004] Liu, H. & Iba, H. (2004). Humanoid robot programming based on cbr augmented gp. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 708–709. <https://doi.org/doi:10.1007/b98645>
- [Liu & Buller, 2004] Liu, J. & Buller, A. (2004). Evolving spike-train processors. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 408–409. <https://doi.org/doi:10.1007/b98645>
- [Llorá et al., 2004] Llorá, X., Ohnishi, K., ping Chen, Y., Goldberg, D. E., & Welge, M. E. (2004). Enhanced innovation: A fusion of chance discovery and evolutionary computation to foster creative processes and decision making. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1314–1315. <https://doi.org/doi:10.1007/b98645>

- [Llorà & Wilson, 2004] Llorà, X. & Wilson, S. W. (2004). Mixed decision trees: Minimizing knowledge representation bias in lcs. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 797–809. <https://doi.org/doi:10.1007/b98645>
- [Lloyd et al., 2004] Lloyd, L. D., Johnston, R. L., & Salhi, S. (2004). Development of a genetic algorithm for optimization of nanoalloys. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1316–1317. <https://doi.org/doi:10.1007/b98645>
- [Lobo, 2004] Lobo, F. G. (2004). A philosophical essay on life and its connections with genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 410–411. <https://doi.org/doi:10.1007/b98645>
- [Lobo et al., 2004] Lobo, F. G., Lima, C. F., & Mártires, H. (2004). An architecture for massive parallelization of the compact genetic algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 412–413. <https://doi.org/doi:10.1007/b98645>
- [Lu & Areibi, 2004] Lu, G. & Areibi, S. (2004). An island-based ga implementation for vlsi standard-cell placement. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1138–1150. <https://doi.org/doi:10.1007/b98645>
- [Mabu et al., 2004] Mabu, S., Hirasawa, K., & Hu, J. (2004). Genetic network programming with reinforcement learning and its performance evaluation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 710–711. <https://doi.org/doi:10.1007/b98645>
- [Malinchik & Bonabeau, 2004] Malinchik, S. & Bonabeau, E. (2004). Exploratory data analysis with interactive evolution. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1151–1161. <https://doi.org/doi:10.1007/b98645>
- [Martikainen & Ovaska, 2004] Martikainen, J. & Ovaska, S. J. (2004). Designing multiplicative general parameter filters using adaptive genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1162–1176. <https://doi.org/doi:10.1007/b98645>
- [Maslov, 2004] Maslov, I. V. (2004). Reducing the cost of the hybrid evolutionary algorithm with image local response in electronic imaging. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1177–1188. <https://doi.org/doi:10.1007/b98645>
- [Massey et al., 2004] Massey, P., Clark, J. A., & Stepney, S. (2004). Evolving quantum circuits and programs through genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 569–580. <https://doi.org/doi:10.1007/b98645>
- [Matsui et al., 2004] Matsui, S., Watanabe, I., & ichi Tokoro, K. (2004). Empirical performance evaluation of a parameter-free ga for jssp. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1318–1319. <https://doi.org/doi:10.1007/b98645>
- [McIntyre & Heywood, 2004] McIntyre, A. & Heywood, M. (2004). On multi-class classification by way of niching. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 581–592. <https://doi.org/doi:10.1007/b98645>
- [McMinn & Holcombe, 2004] McMinn, P. & Holcombe, M. (2004). Hybridizing evolutionary testing with the chaining approach. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1363–1374. <https://doi.org/doi:10.1007/b98645>

- [McPhee et al., 2004] McPhee, N. F., Jarvis, A., & Crane, E. F. (2004). On the strength of size limits in linear genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 593–604. <https://doi.org/doi:10.1007/b98645>
- [Mitchell et al., 2004] Mitchell, B. S., Mancoridis, S., & Traverso, M. (2004). Using interconnection style rules to infer software architecture relations. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1375–1387. <https://doi.org/doi:10.1007/b98645>
- [Mohr & Li, 2004] Mohr, J. & Li, X. (2004). A caching genetic algorithm for spectral breakpoint matching. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1320–1321. <https://doi.org/doi:10.1007/b98645>
- [Moore et al., 2004] Moore, R. L., Williams, A., & Sheppard, J. (2004). Multi-agent simulation of airline travel markets. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1322–1323. <https://doi.org/doi:10.1007/b98645>
- [Murata & Nakamura, 2004] Murata, T. & Nakamura, T. (2004). Multi-agent cooperation using genetic network programming with automatically defined groups. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 712–714. <https://doi.org/doi:10.1007/b98645>
- [Nagata, 2004] Nagata, Y. (2004). The lens design using the cma-es algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1189–1200. <https://doi.org/doi:10.1007/b98645>
- [Nasraoui & Leon, 2004] Nasraoui, O. & Leon, E. (2004). Improved niching and encoding strategies for clustering noisy data sets. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1324–1325. <https://doi.org/doi:10.1007/b98645>
- [Northern & Shanblatt, 2004] Northern, J. & Shanblatt, M. (2004). A multi-objective approach to configuring embedded system architectures. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1326–1327. <https://doi.org/doi:10.1007/b98645>
- [O’Neill et al., 2004] O’Neill, M., Brabazon, A., Nicolau, M., Garraghy, S. M., & Keenan, P. (2004).  $\pi$ grammatical evolution. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 617–629. <https://doi.org/doi:10.1007/b98645>
- [Panait & Luke, 2004] Panait, L. & Luke, S. (2004). Alternative bloat control methods. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 630–641. <https://doi.org/doi:10.1007/b98645>
- [Paz-Ramos et al., 2004] Paz-Ramos, M. A., Torres-Jimenez, J., Quintero-Marmol-Marquez, E., & Estrada-Esquivel, H. (2004). Pid controller tuning for stable and unstable processes applying ga. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1–10. <https://doi.org/doi:10.1007/b98645>
- [Pedersen & Goldberg, 2004] Pedersen, G. K. & Goldberg, D. E. (2004). Dynamic uniform scaling for multiobjective genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 11–23. <https://doi.org/doi:10.1007/b98645>
- [Pelikan & Lin, 2004] Pelikan, M. & Lin, T.-K. (2004). Parameter-less hierarchical boa. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 24–35. <https://doi.org/doi:10.1007/b98645>
- [Pelikan et al., 2004] Pelikan, M., Ocenasek, J., Trebst, S., Troyer, M., & Alet, F. (2004). Computational complexity and simulation of rare events of ising spin glasses. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 36–47. <https://doi.org/doi:10.1007/b98645>



- [Pelikan & Sastry, 2004] Pelikan, M. & Sastry, K. (2004). Fitness inheritance in the bayesian optimization algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 48–59. <https://doi.org/doi:10.1007/b98645>
- [Piaseczny et al., 2004] Piaseczny, W., Suzuki, H., & Sawai, H. (2004). Chemical genetic programming – coevolution between genotypic strings and phenotypic trees. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 715–716. <https://doi.org/doi:10.1007/b98645>
- [Pilat & Oppacher, 2004] Pilat, M. L. & Oppacher, F. (2004). Robotic control using hierarchical genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 642–653. <https://doi.org/doi:10.1007/b98645>
- [Quan & Soule, 2004] Quan, W. & Soule, T. (2004). A study of the role of single node mutation in genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 717–718. <https://doi.org/doi:10.1007/b98645>
- [Rashidi & Rashidi, 2004] Rashidi, F. & Rashidi, M. (2004). Limit cycle prediction in multivariable nonlinear systems using genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 60–68. <https://doi.org/doi:10.1007/b98645>
- [Reisinger et al., 2004] Reisinger, J., Stanley, K. O., & Miikkulainen, R. (2004). Evolving reusable neural modules. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 69–81. <https://doi.org/doi:10.1007/b98645>
- [Renslow et al., 2004] Renslow, M. A., Hinkemeyer, B., & Julstrom, B. A. (2004). How are we doing? predicting evolutionary algorithm performance. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 82–89. <https://doi.org/doi:10.1007/b98645>
- [Rigal et al., 2004] Rigal, L., Castanier, B., & ppe Castagliola, P. (2004). Introduction of a new selection parameter in genetic algorithm for constrained reliability design problems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 90–101. <https://doi.org/doi:10.1007/b98645>
- [Rodriguez-Tello & Torres-Jimenez, 2004] Rodriguez-Tello, E. & Torres-Jimenez, J. (2004). Improving the performance of a genetic algorithm using a variable-reordering algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 102–113. <https://doi.org/doi:10.1007/b98645>
- [Rodríguez-Vázquez & Oliver-Morales, 2004] Rodríguez-Vázquez, K. & Oliver-Morales, C. (2004). Multi-branches genetic programming as a tool for function approximation. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 719–721. <https://doi.org/doi:10.1007/b98645>
- [Rotar, 2004] Rotar, C. (2004). An evolutionary technique for multicriterial optimization based on endocrine paradigm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 414–415. <https://doi.org/doi:10.1007/b98645>
- [Ryan et al., 2004] Ryan, C., Majeed, H., & Azad, A. (2004). A competitive building block hypothesis. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 654–665. <https://doi.org/doi:10.1007/b98645>
- [Sanderson, 2004] Sanderson, R. (2004). Automatic synthesis of an 802.11a wireless lan antenna using genetic programming a real world application. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1201–1213. <https://doi.org/doi:10.1007/b98645>

- [Sastry & Goldberg, 2004a] Sastry, K. & Goldberg, D. E. (2004a). Designing competent mutation operators via probabilistic model building of neighborhoods. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 114–125. <https://doi.org/doi:10.1007/b98645>
- [Sastry & Goldberg, 2004b] Sastry, K. & Goldberg, D. E. (2004b). Let’s get ready to rumble: Crossover versus mutation head to head. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 126–137. <https://doi.org/doi:10.1007/b98645>
- [Sato, 2004] Sato, Y. (2004). Achieving shorter search times in voice conversion using interactive evolution. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1328–1329. <https://doi.org/doi:10.1007/b98645>
- [Schmitt, 2004] Schmitt, L. M. (2004). Classification with scaled genetic algorithms in a coevolutionary setting. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 138–149. <https://doi.org/doi:10.1007/b98645>
- [Seo et al., 2004a] Seo, D.-I., Choi, S.-S., & Moon, B.-R. (2004a). New epistasis measures for detecting independently optimizable partitions of variables. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 150–161. <https://doi.org/doi:10.1007/b98645>
- [Seo et al., 2004b] Seo, K., Hu, J., Fan, Z., Goodman, E. D., & Rosenberg, R. C. (2004b). Hierarchical breeding control for efficient topology/parameter evolution. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 722–723. <https://doi.org/doi:10.1007/b98645>
- [Sheng et al., 2004] Sheng, W., Tucker, A., & Liu, X. (2004). Clustering with niching genetic k-means algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 162–173. <https://doi.org/doi:10.1007/b98645>
- [Sigaud et al., 2004] Sigaud, O., Gourdin, T., & Willemin, P.-H. (2004). Improving macs thanks to a comparison with 2tbns. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 810–823. <https://doi.org/doi:10.1007/b98645>
- [Silva & Costa, 2004] Silva, S. & Costa, E. (2004). Dynamic limits for bloat control: Variations on size and depth. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 666–677. <https://doi.org/doi:10.1007/b98645>
- [Sim et al., 2004] Sim, E., Jung, S., Kim, H., & Park, J. (2004). A generic network design for a closed-loop supply chain using genetic algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1214–1225. <https://doi.org/doi:10.1007/b98645>
- [Soltoggio, 2004] Soltoggio, A. (2004). A comparison of genetic programming and genetic algorithms in the design of a robust, saturated control system. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 174–185. <https://doi.org/doi:10.1007/b98645>
- [Stanley & Miikkulainen, 2004] Stanley, K. O. & Miikkulainen, R. (2004). Evolving a roving eye for go. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1226–1238. <https://doi.org/doi:10.1007/b98645>
- [Stephens et al., 2004] Stephens, C., Waelbroeck, H., Talley, S., Cruz, R., & Ash, A. (2004). Predicting healthcare costs using classifiers. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1330–1331. <https://doi.org/doi:10.1007/b98645>

- [Streeter, 2004] Streeter, M. J. (2004). Upper bounds on the time and space complexity of optimizing additively separable functions. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 186–197. <https://doi.org/doi:10.1007/b98645>
- [Streichert et al., 2004] Streichert, F., Ulmer, H., & Zell, A. (2004). Comparing discrete and continuous genotypes on the constrained portfolio selection problem. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1239–1250. <https://doi.org/doi:10.1007/b98645>
- [Stringer & Wu, 2004] Stringer, H. & Wu, A. S. (2004). Winnowing wheat from chaff: The chunking ga. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 198–209. <https://doi.org/doi:10.1007/b98645>
- [Taniguchi & Terano, 2004] Taniguchi, K. & Terano, T. (2004). Keeping the diversity with small populations using logic-based genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 724–725. <https://doi.org/doi:10.1007/b98645>
- [Tavares et al., 2004] Tavares, J., Pereira, F. B., & Costa, E. (2004). Evolving golomb rulers. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 416–417. <https://doi.org/doi:10.1007/b98645>
- [Tay & Wibowo, 2004] Tay, J. C. & Wibowo, D. (2004). An effective chromosome representation for evolving flexible job shop schedules. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 210–221. <https://doi.org/doi:10.1007/b98645>
- [Terrio & Heywood, 2004] Terrio, M. D. & Heywood, M. I. (2004). On naive crossover biases with reproduction for simple solutions to classification problems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 678–689. <https://doi.org/doi:10.1007/b98645>
- [Tettamanzi et al., 2004] Tettamanzi, A., Sammartino, L., Simonov, M., Soroldoni, M., & Beretta, M. (2004). Learning environment for life time value calculation of customers in insurance domain. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1251–1262. <https://doi.org/doi:10.1007/b98645>
- [Tezuka et al., 2004] Tezuka, M., Munetomo, M., & Akama, K. (2004). Linkage identification by nonlinearity check for real-coded genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 222–233. <https://doi.org/doi:10.1007/b98645>
- [Thierens, 2004] Thierens, D. (2004). Population-based iterated local search: Restricting neighborhood search by crossover. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 234–245. <https://doi.org/doi:10.1007/b98645>
- [Tsuji et al., 2004] Tsuji, M., Munetomo, M., & Akama, K. (2004). Modeling dependencies of loci with string classification according to fitness differences. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 246–257. <https://doi.org/doi:10.1007/b98645>
- [Tulai & Oppacher, 2004] Tulai, A. F. & Oppacher, F. (2004). Multiple species weighted voting – a genetics-based machine learning system. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1263–1274. <https://doi.org/doi:10.1007/b98645>
- [Tzschoppe et al., 2004] Tzschoppe, C., Rothlauf, F., & Pesch, H.-J. (2004). The edge-set encoding revisited: On the bias of a direct representation for trees. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 258–270. <https://doi.org/doi:10.1007/b98645>

- [Uyar et al., 2004] Uyar, S., Sariel, S., & Eryigit, G. (2004). A gene based adaptive mutation strategy for genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 271–281. <https://doi.org/doi:10.1007/b98645>
- [Vanneschi et al., 2004] Vanneschi, L., Clergue, M., Collard, P., Tomassini, M., & Vérel, S. (2004). Fitness clouds and problem hardness in genetic programming. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 690–701. <https://doi.org/doi:10.1007/b98645>
- [Ványi, 2004] Ványi, R. (2004). Object oriented design and implementation of a general evolutionary algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1275–1286. <https://doi.org/doi:10.1007/b98645>
- [Vivanco & Pizzi, 2004] Vivanco, R. & Pizzi, N. (2004). Finding effective software metrics to classify maintainability using a parallel genetic algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1388–1399. <https://doi.org/doi:10.1007/b98645>
- [Vogts & Pope, 2004] Vogts, K. & Pope, N. (2004). Generating compact rough cluster descriptions using an evolutionary algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1332–1333. <https://doi.org/doi:10.1007/b98645>
- [Wedde et al., 2004] Wedde, H. F., Farooq, M., & Lischka, M. (2004). An evolutionary meta hierarchical scheduler for the linux operating system. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1334–1335. <https://doi.org/doi:10.1007/b98645>
- [Wegener & Bühler, 2004] Wegener, J. & Bühler, O. (2004). Evaluation of different fitness functions for the evolutionary testing of an autonomous parking system. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1400–1412. <https://doi.org/doi:10.1007/b98645>
- [Weinert & Stautner, 2004] Weinert, K. & Stautner, M. (2004). Generating multiaxis tool paths for die and mold making with evolutionary algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1287–1298. <https://doi.org/doi:10.1007/b98645>
- [Whitley et al., 2004a] Whitley, D., Bush, K., & Rowe, J. (2004a). Subthreshold-seeking behavior and robust local search. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 282–293. <https://doi.org/doi:10.1007/b98645>
- [Whitley et al., 2004b] Whitley, D., Lunacek, M., & Knight, J. (2004b). Ruffled by ridges: How evolutionary algorithms can fail. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 294–306. <https://doi.org/doi:10.1007/b98645>
- [Willis-Ford & Soule, 2004] Willis-Ford, C. & Soule, T. (2004). Non-stationary subtasks can improve diversity in stationary tasks. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 307–317. <https://doi.org/doi:10.1007/b98645>
- [Wilson, 2004] Wilson, S. W. (2004). Classifier systems for continuous payoff environments. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 824–835. <https://doi.org/doi:10.1007/b98645>
- [Wineberg & Chen, 2004] Wineberg, M. & Chen, J. (2004). The shifting balance genetic algorithm as more than just another island model ga. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 318–329. <https://doi.org/doi:10.1007/b98645>



- [Wright & Cripe, 2004] Wright, A. & Cripe, G. (2004). Bistability of the needle function in the presence of truncation selection. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 330–342. <https://doi.org/doi:10.1007/b98645>
- [Wright et al., 2004] Wright, A., Poli, R., Stephens, C. R., Langdon, W., & Pulavarty, S. (2004). An estimation of distribution algorithm based on maximum entropy. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 343–354. <https://doi.org/doi:10.1007/b98645>
- [Wu et al., 2004] Wu, Z., Tang, Z., Zou, J., Kang, L., & Li, M. (2004). An evolutionary algorithm for parameters identification in parabolic systems. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1336–1337. <https://doi.org/doi:10.1007/b98645>
- [Yu et al., 2004] Yu, H., Jiang, N., & Wu, A. S. (2004). Populating genomes in a dynamic grid. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 418–419. <https://doi.org/doi:10.1007/b98645>
- [Yu & Goldberg, 2004a] Yu, T.-L. & Goldberg, D. E. (2004a). Dependency structure matrix analysis: Offline utility of the dependency structure matrix genetic algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 355–366. <https://doi.org/doi:10.1007/b98645>
- [Yu & Goldberg, 2004b] Yu, T.-L. & Goldberg, D. E. (2004b). Toward an understanding of the quality and efficiency of model building for genetic algorithms. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 367–378. <https://doi.org/doi:10.1007/b98645>
- [zena Hidovic & Rowe, 2004] zena Hidovic, D. & Rowe, J. E. (2004). Validating a model of colon colouration using an evolution strategy with adaptive approximations. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1005–1016. <https://doi.org/doi:10.1007/b98645>
- [Zhan & Clark, 2004] Zhan, Y. & Clark, J. (2004). Search based automatic test-data generation at an architectural level. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 1413–1424. <https://doi.org/doi:10.1007/b98645>
- [Zhu & Liu, 2004] Zhu, K. Q. & Liu, Z. (2004). Empirical study of population diversity in permutation-based genetic algorithm. *Genetic and Evolutionary Computation – GECCO-2004, Part II*, volume 3103 of *Lecture Notes in Computer Science*, 420–421. <https://doi.org/doi:10.1007/b98645>