

Список литературы

- [Aldawoodi et al.(2004)Aldawoodi, Perez, Alvis and Valavanis] **Aldawoodi, N., Perez, R., Alvis, W. and Valavanis, K.** (2004). Developing automated helicopter models using simulated annealing and genetic search. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Aldwoodi and Perez(2004)] **Aldwoodi, N. and Perez, R.** (2004). Advanced formula prediction using simulated annealing. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Amin and Premaratne(2004)] **Amin, M. and Premaratne, M.** (2004). Constraint handling of an optical components selection problem using a new genetic crossover scheme. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Ando and Kobayashi(2004)] **Ando, S. and Kobayashi, S.** (2004). On the sampling property of real-parameter crossover. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Bagot(2004)] **Bagot, B.** (2004). The harmonic decision matrix: a group of operators for the fuzzy-logic, multi-objective decisions and optimizations. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [BAGOT and POHLHEIM(2004)] **BAGOT, B. and POHLHEIM, H.** (2004). Complementary selection and variation for an efficient multiobjective optimization of complex systems. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Banks et al.(2004)Banks, Hayes and Nunez] **Banks, E. R., Hayes, J. and Nunez, E.** (2004). Parametric regression through genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Barlow et al.(2004)Barlow, Oh and Grant] **Barlow, G. J., Oh, C. K. and Grant, E.** (2004). Incremental evolution of autonomous controllers for unmanned aerial vehicles using multi-objective genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Basanta et al.(2004)Basanta, Miodownik, Bentley and Holm] **Basanta, D., Miodownik, M., Bentley, P. and Holm, E.** (2004). Investigating the evolvability of biologically inspired CA. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Buehler et al.(2004)Buehler, Das and Cully] **Buehler, E., Das, S. and Cully, J. F.** (2004). Equilibrium and extinction in a trisexual diploid mating system. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Cervone et al.(2004)Cervone, Panait, Singh, Kafatos and Luke] **Cervone, G., Panait, L., Singh, R., Kafatos, M. and Luke, S.** (2004). An application of evolutionary algorithms to predict the extent of SLHF anomaly associated with coastal earthquake. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Chen and Chie(2004)] **Chen, S.-H. and Chie, B.-T.** (2004). Functional modularity in the test bed of economic theory – using genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Chia and Tan(2004)] **Chia, H. W.-K. and Tan, C.-L.** (2004). Association-based evolution of comprehensible neural logic networks. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.

- [Citi et al.(2004)Citi, Poli, Cinel and Sepulveda] **Citi, L., Poli, R., Cinel, C. and Sepulveda, F.** (2004). Feature selection and classification in brain computer interfaces by a genetic algorithm. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Crawford-Marks et al.(2004)Crawford-Marks, Spector and Klein] **Crawford-Marks, R., Spector, L. and Klein, J.** (2004). Virtual witches and warlocks: A quidditch simulator and quidditch-playing teams coevolved via genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Cummins and O’Riordan(2004)] **Cummins, R. and O’Riordan, C.** (2004). Using genetic programming to evolve weighting schemes for the vector space model of information retrieval. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Das et al.(2004)Das, Singh, Pujar and Koduru] **Das, S., Singh, G., Pujar, S. and Koduru, P.** (2004). Ant colony algorithms for routing in sensor networks. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [DONCIEUX et al.(2004)DONCIEUX, LANDAU and GUELF] **DONCIEUX, S., LANDAU, S. and GUELF, N.** (2004). Ecosferes: A tool for the design of self-organized agent-based applications. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Earon and D’Eleuterio(2004)] **Earon, E. J. P. and D’Eleuterio, G. M. T.** (2004). An agent too far: The genetic distance evaluation of a simulated world. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Fernlund and Gonzalez(2004)] **Fernlund, H. and Gonzalez, A. J.** (2004). Using gp to model contextual human behavior - competitive with human modeling performance. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Francone et al.(2004)Francone, Deschaine, Battenhouse and Warren] **Francone, F. D., Deschaine, L. M., Battenhouse, T. and Warren, J. J.** (2004). Discrimination of unexploded ordnance from clutter using linear genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Gang et al.(2004)Gang, Iimura, Tsurusawa and Nakayama] **Gang, P., Iimura, I., Tsurusawa, H. and Nakayama, S.** (2004). A local search algorithm based on genetic recombination for traveling salesman problem. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Gomez and Baran(2004)] **Gomez, O. and Baran, B.** (2004). Relationship between genetic algorithms and ant colony optimization. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Grosan(2004)] **Grosan, C.** (2004). An evolutionary approach for multiobjective optimization using adaptive representation of solutions. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Holmes et al.(2004)Holmes, Sager and Bilker] **Holmes, J. H., Sager, J. A. and Bilker, W. B.** (2004). Methods for covering missing data in XCS. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Hsu et al.(2004)Hsu, Harmon, Rodriguez and Zhong] **Hsu, W. H., Harmon, S. J., Rodriguez, E. and Zhong, C.** (2004). Empirical comparison of incremental reuse strategies in genetic programming for keep-away soccer. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.

- [Jakob et al.(2004)Jakob, Blume and Bretthauer] **Jakob, W., Blume, C. and Bretthauer, G.** (2004). Towards a generally applicable self-adapting hybridization of evolutionary algorithms. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [James and Tucker(2004)] **James, D. and Tucker, P.** (2004). A comparative analysis of simplification and complexification in the evolution of neural network topologies. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Kaige et al.(2004)Kaige, Narukawa and Ishibuchi] **Kaige, S., Narukawa, K. and Ishibuchi, H.** (2004). Lamarckian repair and darwinian repair in EMO algorithms for multiobjective 0/1 knapsack problems. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Kasinadhuni et al.(2004)Kasinadhuni, Gargano, DeCicco and Edelson] **Kasinadhuni, M. P., Gargano, M. L., DeCicco, J. and Edelson, W.** (2004). Self-adaptation in genetic algorithms using multiple genomic redundant representations. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Kazadi et al.(2004)Kazadi, Johnson, Melendez and Goo] **Kazadi, S., Johnson, D., Melendez, J. and Goo, B.** (2004). Exhaustive directed search. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Keijzer(2004)] **Keijzer, M.**, ed. (2004). *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Khalifa and Okoene(2004)] **Khalifa, Y. and Okoene, E.** (2004). An autonomous agent-based surveillance system. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Khalifa et al.(2004)Khalifa, Shi and Abreu] **Khalifa, Y. M. A., Shi, H. and Abreu, G.** (2004). Evolutionary music composer. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [KHosraviani et al.(2004)KHosraviani, Levitt and Koza] **KHosraviani, B., Levitt, R. E. and Koza, J. R.** (2004). Organization design optimization using genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Kostikas and Fragakis(2004)] **Kostikas, K. and Fragakis, C.** (2004). Genetic programming for guiding branch and bound search. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Kumar(2004)] **Kumar, S.** (2004). The evolution of genetic regulatory networks for single and multicellular development. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Langdon and Banzhaf(2004)] **Langdon, W. B. and Banzhaf, W.** (2004). Repeated sequences in linear gp genomes. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Lee et al.(2004a)Lee, Li, Wu and Chou] **Lee, C., Li, Y.-T., Wu, J.-S. and Chou, T.-Y.** (2004a). Double orthogonal arrays based genetic algorithm for primer design. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Lee et al.(2004b)Lee, Wong, Liang, Leung and Lee] **Lee, K.-Y., Wong, M.-L., Liang, Y., Leung, K.-S. and Lee, K.-H.** (2004b). A-HEP: Adaptive hybrid evolutionary programming for learning bayesian networks. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.

- [LEFORT et al.(2004)LEFORT, KNIBBE, BESLON and FAVREL] **LEFORT, V., KNIBBE, C., BESLON, G. and FAVREL, J.** (2004). The RBF-Gene model. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Lefuel and Ross(2004)] **Lefuel, R. and Ross, B. J.** (2004). Parsing probabilistic context free languages with multi-objective genetic algorithms. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Li et al.(2004)Li, Zhou, Nelson and Tirpak] **Li, X., Zhou, C., Nelson, P. C. and Tirpak, T. M.** (2004). Investigation of constant creation techniques in the context of gene expression programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Lipson(2004)] **Lipson, H.** (2004). How to draw a straight line using a GP: Benchmarking evolutionary design against 19th century kinematic synthesis. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Lobo(2004)] **Lobo, F. G.** (2004). A philosophical essay on life and its connections with genetic algorithms. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Lobo et al.(2004)Lobo, Lima and Martires] **Lobo, F. G., Lima, C. and Martires, H.** (2004). An architecture for massive parallelization of the compact genetic algorithm. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Mabu et al.(2004)Mabu, Hirasawa and Hu] **Mabu, S., Hirasawa, K. and Hu, J.** (2004). Genetic network programming with reinforcement learning and its performance evaluation. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Meyer(2004)] **Meyer, B.** (2004). Convergence control in ACO. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Monson and Seppi(2004)] **Monson, C. K. and Seppi, K. D.** (2004). Improving on the kalman swarm: Extracting its essential characteristics. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Murata and Nakamura(2004)] **Murata, T. and Nakamura, T.** (2004). Developing cooperation of multiple agents using genetic network programming with automatically defined groups. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Oberoi and Rylander(2004)] **Oberoi, D. and Rylander, B.** (2004). Determining the best parent selection method for a genetic algorithm through varying problem sizes and complexities. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Piaseczny et al.(2004)Piaseczny, Suzuki and Sawai] **Piaseczny, W., Suzuki, H. and Sawai, H.** (2004). Chemical genetic programming - the effect of evolving amino acids. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Poladian and Jermiin(2004)] **Poladian, L. and Jermiin, L.** (2004). Phylogenetic inference using evolutionary multi-objective optimisation. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Popovici and De Jong(2004)] **Popovici, E. and De Jong, K.** (2004). Understanding competitive co-evolutionary dynamics via fitness landscapes. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.

- [Pujol and Poli(2004)] **Pujol, J. C. F. and Poli, R.** (2004). A highly efficient function optimization with genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Rodriguez-Vazquez and Oliver-Morales(2004)] **Rodriguez-Vazquez, K. and Oliver-Morales, C.** (2004). Function approximation by means of multi-branches genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Rojas and Bentley(2004)] **Rojas, S. A. and Bentley, P. J.** (2004). A grid-based ant colony system for automatic program synthesis. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Rotar(2004)] **Rotar, C.** (2004). An evolutionary technique for multicriterial optimization based on endocrine paradigm. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Salazar et al.(2004)Salazar, Galvan and Winter] **Salazar, D., Galvan, B. and Winter, G.** (2004). Enhancing a multiobjective evolutionary algorithm through flexible evolution. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Settles and Soule(2004)] **Settles, M. and Soule, T.** (2004). Breeding swarms: A GA/PSO hybrid. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Simske and Matthews(2004)] **Simske, S. J. and Matthews, D. C.** (2004). Navigation using inverting genetic algorithms: Initial conditions and node-node transitions. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Skolicki and De Jong(2004)] **Skolicki, Z. and De Jong, K.** (2004). Improving evolutionary algorithms with multi-representation island models. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Stone et al.(2004a)Stone, Pillmore and Cyre] **Stone, S., Pillmore, B. and Cyre, W.** (2004a). Crossover and mutation in genetic algorithms using graph-encoded chromosomes. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Stone et al.(2004b)Stone, Pillmore and Cyre] **Stone, S., Pillmore, B. and Cyre, W.** (2004b). Crossover and mutation in genetic algorithms using graph-encoded chromosomes. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Tchernev and Phatak(2004)] **Tchernev, E. B. and Phatak, D. S.** (2004). Control structures in linear and stack-based genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Thangavelautham and D'Eleuterio(2004)] **Thangavelautham, J. and D'Eleuterio, G. M. T.** (2004). application of a neuroevolutionary approach to emergent task decomposition in collective robotics. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Timm and Lipson(2004)] **Timm, R. W. and Lipson, H.** (2004). Periodicity emerges from evolved energy-efficient and long-range brachiation. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Uyar(2004)] **Uyar, A. S.** (2004). An adaptive diploid evolutionary algorithm for floating-point representations in dynamic environments. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.

- [Vandecasteele et al.(2004)Vandecasteele, Hess and Crawford] **Vandecasteele, F. P. J., Hess, T. F. and Crawford, R. L.** (2004). A correlated fitness landscape describes growth in experimental microbial ecosystems: Initial results. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Wang et al.(2004)Wang, Wong and Rahman] **Wang, Z. G., Wong, Y. S. and Rahman, M.** (2004). Development of the parallel optimization method based on genetic simulated annealing. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Wilson and Heywood(2004)] **Wilson, G. C. and Heywood, M. I.** (2004). Search operator bias in linearly structured genetic programming. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Wloch and Bentley(2004)] **Wloch, K. and Bentley, P. J.** (2004). Optimising the performance of a formula one car using a genetic algorithm. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Woodward(2004)] **Woodward, J.** (2004). Simple incremental testing. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Zeng et al.(2004)Zeng, Ding, Yao and Kang] **Zeng, S., Ding, L., Yao, S. and Kang, L.** (2004). KLP not always efficient. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.
- [Zykov et al.(2004)Zykov, Bongard and Lipson] **Zykov, V., Bongard, J. and Lipson, H.** (2004). Evolving dynamic gaits on a physical robot. In M. Keijzer, ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA.