

## Список литературы

- [Anand *et al.*(2005)Anand, Lipson, & Valero-Cuevas] Anand, V., Lipson, H., & Valero-Cuevas, F. (2005). Blind inference of nonlinear cable network topology from sparse data. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/84-anand.pdf>.
- [Banks *et al.*(2005)Banks, Nunez, Agarwal, Owens, McBride, & Liedel] Banks, E. R., Nunez, E., Agarwal, P., Owens, C., McBride, M., & Liedel, R. (2005). Genetic programming for discrimination of buried unexploded ordnance (uxo). In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/66-banks.pdf>.
- [Bentley *et al.*(2005)Bentley, Greensmith, & Ujjin] Bentley, P., Greensmith, J., & Ujjin, S. (2005). Two ways to grow tissue for artificial immune systems. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/37-bentley.pdf>.
- [Bongard & Lipson(2005)] Bongard, J. & Lipson, H. (2005). Reinventing the wheel: An experiment in geometric innovation. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/82-bongard.pdf>.
- [De *et al.*(2005)De, Rai, Konar, & Chatterjee] De, D., Rai, S., Konar, A., & Chatterjee, A. (2005). A fuzzy logic controller based dynamic routing algorithm with spde based differential evolution approach. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/26-debray.pdf>.
- [Di Penta & Troiano(2005)] Di Penta, M. & Troiano, L. (2005). Using fuzzy logic to relax constraints in ga-based service composition. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/73-dipenta.pdf>.
- [Fogarty(2005)] Fogarty, T. C. (2005). Automatic concept evolution (ace). In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/55-fogarty.pdf>.
- [Fries(2005)] Fries, T. (2005). Autonomous robot motion planning in diverse terrain using genetic algorithms. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/62-fries.pdf>.
- [Galvan Lopez *et al.*(2005)Galvan Lopez, Rodriguez Vazquez, & Poli] Galvan Lopez, E., Rodriguez Vazquez, K., & Poli, R. (2005). Beneficial aspects of neutrality in gp. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/45-lopez.pdf>.
- [Gang *et al.*(2005)Gang, Nakatsuru, & Nakayama] Gang, P., Nakatsuru, T., & Nakayama, S. (2005). Discussions on lga with parallel system. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/61-gang.pdf>.
- [Gargano & Maheswaraprasad(2005)] Gargano, M. & Maheswaraprasad, K. (2005). Rank aggregation for metasearch engines using a self-adapting genetic algorithm with multiple genomic representations. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/39-gargano.pdf>.

- [Geem(2005)] Geem, Z. (2005). School bus routing using harmony search. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/31-zong.pdf>.
- [Gomes *et al.*(2005)] Gomes, Antunes, & Martins] Gomes, A., Antunes, C. H., & Martins, A. G. (2005). Design of an adaptive mutation operator in an electrical load management case study. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/38-gomes.pdf>.
- [Grahl *et al.*(2005)] Grahl, Minner, & Rothlauf] Grahl, J., Minner, S., & Rothlauf, F. (2005). An analysis of iterated density estimation and sampling in the umdac algorithm. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/30-grahl.pdf>.
- [Haas & Houghten(2005)] Haas, W. & Houghten, S. (2005). Evolutionary algorithms for optimal error-correcting codes. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/59-haas.pdf>.
- [Hammond & Fogarty(2005)] Hammond, M. O. & Fogarty, T. C. (2005). Co-operative oulipian generative literature using human based evolutionary computing. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/56-hammond.pdf>.
- [Hauptman & Sipper(2005)] Hauptman, A. & Sipper, M. (2005). Analyzing the intelligence of a genetically programmed chess player. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/21-hauptmann.pdf>.
- [Hilton & Li(2005)] Hilton, A. C. & Li, Y. (2005). Optimal groundwater sampling network design through ant colony optimization. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/68-hilton.pdf>.
- [Hu *et al.*(2005)] Hu, Fu, & Marcus] Hu, J., Fu, M., & Marcus, S. (2005). Model reference adaptive search: A new approach to global optimization. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/42-hu.pdf>.
- [James & Tucker(2005)] James, D. & Tucker, P. (2005). Evolving a neural network active vision system for shape discrimination. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/70-james.pdf>.
- [Jin *et al.*(2005)] Jin, Olhofer, & Sendhoff] Jin, Y., Olhofer, M., & Sendhoff, B. (2005). Finding the optimal search dimension for evolution strategies with a small population. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/86-jin.pdf>.
- [Kamalian *et al.*(2005)] Kamalian, Zhang, Takagi, & Agogino] Kamalian, R., Zhang, Y., Takagi, H., & Agogino, A. M. (2005). Reduced human fatigue interactive evolutionary computation for micromachine design. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/53-kamalian.pdf>.

- [Karaoglu & Manderick(2005)] Karaoglu, N. & Manderick, B. (2005). Fapster - a genetic algorithm for frequency assignment problem. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/57-karaoglu.pdf>.
- [Kazadi et al.(2005)] Kazadi, S., Lee, M., & Lee, L. (2005). A case for exhaustive optimization. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/77-kazadi.pdf>.
- [Khalifa & Fan(2005)] Khalifa, Y. M. & Fan, Y. J. (2005). An fpga-based general purpose neural network chip with on-chip learning. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/81-khalifa.pdf>.
- [Kiehl et al.(2005)] Kiehl, T., Hoogs, B., LaComb, C., & Senturk, D. (2005). Evolving multi-variate time-series patterns for the discrimination of fraudulent financial filings. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/58-kiehl.pdf>.
- [Koduru et al.(2005)] Koduru, P., Ahuja, A., McDowell, K., Lansky, L., Das, S., & Welch, S. (2005). The multi-objective evolution of mobile robot behavior. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/75-koduru.pdf>.
- [Lee et al.(2005)] Lee, S., von Allmen, P., Fink, W., Petropoulos, A. E., & Terrile, R. J. (2005). Comparison of multi-objective genetic algorithms in optimizing q-law low-thrust orbit transfers. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/48-lee.pdf>.
- [Li et al.(2005)] Li, X., Zhou, C., Xiao, W., & Nelson, P. C. (2005). Prefix gene expression programming. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/85-li.pdf>.
- [MacNish(2005)] MacNish, C. (2005). Benchmarking evolutionary algorithms: The huygens suite. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/69-macnish.pdf>.
- [Mehr(2005)] Mehr, A. F. (2005). Comparative study of several multi-objective genetic algorithms. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/64-farhang.pdf>.
- [Parent et al.(2005)] Parent, J., Nowe, A., & Defaweux, A. (2005). Addressing the even-n-parity problem using compressed linear genetic programming. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/54-parent.pdf>.
- [Peña P. & Hernandez R.(2005)] Peña P., A. & Hernandez R., J. A. (2005). Interpolation and exploration of response surfaces using evolutionary nurbs, lagrange constraint and cylindrical operators. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/35-pena.pdf>.

- [Rababaah *et al.*(2005)Rababaah, Vrajitoru, & Wolfer] Rababaah, H., Vrajitoru, D., & Wolfer, J. (2005). Asphalt pavement crack classification: A comparison of ga, mlp, and som. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/78-rababaah.pdf>.
- [Reed *et al.*(2005)Reed, Schenk, & Swoboda] Reed, M., Schenk, S., & Swoboda, G. (2005). Fto: A genetic algorithm for tunnel design optimisation. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/87-reed.pdf>.
- [Reis *et al.*(2005)Reis, Machado, & Cunha] Reis, C., Machado, T., & Cunha, B. (2005). Digital circuit design using dynamic fitness functions. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/23-reis.pdf>.
- [Rosenberg *et al.*(2005)Rosenberg, Burge, & Gonsalves] Rosenberg, B., Burge, J., & Gonsalves, P. (2005). Applying evolutionary multi-objective optimization to mission planning for time-sensitive targets. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/43-rosenberg.pdf>.
- [Rothlauf(2005)] Rothlauf, F. (Ed.) (2005). *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/>.
- [Schmidt & Lipson(2005)] Schmidt, M. & Lipson, H. (2005). Co-evolution of fitness maximizers and fitness predictors. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/71-schmidt.pdf>.
- [Shervais(2005)] Shervais, S. (2005). System identification using off-optimum data from a genetic algorithm. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/22-shervais.pdf>.
- [Silva & Tseng(2005)] Silva, S. & Tseng, Y.-T. (2005). Classification of seafloor habitats using genetic programming. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/79-silva.pdf>.
- [Skalny *et al.*(2005)Skalny, Overholt, Hudas, & Fiorani] Skalny, M., Overholt, J., Hudas, G., & Fiorani, G. (2005). Genetic algorithm strategies for voronoi classifier navigation. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/47-skalny.pdf>.
- [Studer & Lipson(2005)] Studer, G. & Lipson, H. (2005). Spontaneous emergence of self-replicating, competing cube species in physical cube automata. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/74-studer.pdf>.
- [Suda *et al.*(2005)Suda, Moore, Nakano, Egashira, & Enomoto] Suda, T., Moore, M., Nakano, T., Egashira, R., & Enomoto, A. (2005). Exploratory research on molecular communication between nanomachines. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/40-suda.pdf>.
- [Tanev *et al.*(2005)Tanev, Joachimczak, Hemmi, & Shimohara] Tanev, I., Joachimczak, M., Hemmi, H., & Shimohara, K. (2005). Evolving driving agent for remote control of scaled model of



- a car. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/50-tanev.pdf>.
- [Tchernev & Phatak(2005)] Tchernev, E. & Phatak, D. (2005). Queue-based genetic programming. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/65-tchernev.pdf>.
- [Uran & Gargano(2005)] Uran, B. & Gargano, M. (2005). Data mining using hybrid evolutionary models for creating data classification rules. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/76-uran.pdf>.
- [van Breugel & Lipson(2005)] van Breugel, F. & Lipson, H. (2005). Evolving buildable flapping ornithopters. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/72-vanbreugel.pdf>.
- [Vlcek(2005)] Vlcek, M. (2005). Is the economy a living object? In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/41-vlcek.pdf>.
- [Voss(2005)] Voss, M. (2005). The principal component particle swarm optimization (pcps). In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/33-voss.pdf>.
- [White *et al.*(2005)White, Gilbert, & Moore] White, B., Gilbert, J., & Moore, J. (2005). A statistical comparison of grammatical evolution strategies in the domain of human genetics. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/83-white.pdf>.
- [Wiese *et al.*(2005)Wiese, Hendriks, Deschenes, & Ben Youssef] Wiese, K. C., Hendriks, A., Deschenes, A., & Ben Youssef, B. (2005). The impact of pseudorandom number quality on p-rnapredict, a parallel genetic algorithm for rna secondary structure prediction. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/52-wiese.pdf>.
- [Yao *et al.*(2005)Yao, Dai, Pei, Xie, & Chen] Yao, M., Dai, C.-N., Pei, M., Xie, Z.-J., & Chen, C.-H. (2005). The species compete-die out (scd) algorithms model for evolutionary computation. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/32-yao.pdf>.
- [Yong *et al.*(2005)Yong, Stanley, & Mikkulainen] Yong, C. H., Stanley, K. O., & Mikkulainen, R. (2005). Incorporating advice into evolution of neural networks. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/80-yong.pdf>.
- [Yu & Wu(2005)] Yu, H. & Wu, A. (2005). An incremental approach to the proportional ga. In F. Rothlauf (Ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA. URL <http://www.cs.bham.ac.uk/~wbl/biblio/gecco20051bp/papers/67-yu.pdf>.