

Список литературы

- [1] F. Rothlauf, ed., *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/>.
- [2] A. Hauptman and M. Sipper, "Analyzing the intelligence of a genetically programmed chess player," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/21-hauptmann.pdf>.
- [3] S. Shervais, "System identification using off-optimum data from a genetic algorithm," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/22-shervais.pdf>.
- [4] C. Reis, T. Machado, and B. Cunha, "Digital circuit design using dynamic fitness functions," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/23-reis.pdf>.
- [5] D. De, S. Rai, A. Konar, and A. Chatterjee, "A fuzzy logic controller based dynamic routing algorithm with spde based differential evolution approach," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/26-debray.pdf>.
- [6] J. Grahrl, S. Minner, and F. Rothlauf, "An analysis of iterated density estimation and sampling in the umdac algorithm," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/30-grahl.pdf>.
- [7] Z. Geem, "School bus routing using harmony search," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/31-zong.pdf>.
- [8] M. Yao, C.-N. Dai, M. Pei, Z.-J. Xie, and C.-H. Chen, "The species compete-die out (scd) algorithms model for evolutionary computation," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/32-yao.pdf>.
- [9] M. Voss, "The principal component particle swarm optimization (pcpso)," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/33-voss.pdf>.
- [10] A. Peña P. and J. A. Hernandez R., "Interpolation and exploration of response surfaces using evolutionary nurbs, lagrange constraint and cylindrical operators," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/35-pena.pdf>.
- [11] P. Bentley, J. Greensmith, and S. Ujjin, "Two ways to grow tissue for artificial immune systems," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/37-bentley.pdf>.

- [12] A. Gomes, C. H. Antunes, and A. G. Martins, "Design of an adaptive mutation operator in an electrical load management case study," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/38-gomes.pdf>.
- [13] M. Gargano and K. Maheswaraprasad, "Rank aggregation for metasearch engines using a self-adaptating genetic algorithm with multiple genomic representations," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/39-gargano.pdf>.
- [14] T. Suda, M. Moore, T. Nakano, R. Egashira, and A. Enomoto, "Exploratory research on molecular communication between nanomachines," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/40-suda.pdf>.
- [15] M. Vlcek, "Is the economy a living object?" in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/41-vlcek.pdf>.
- [16] J. Hu, M. Fu, and S. Marcus, "Model reference adaptive search: A new approach to global optimization," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/42-hu.pdf>.
- [17] B. Rosenberg, J. Burge, and P. Gonsalves, "Applying evolutionary multi-objective optimization to mission planning for time-sensitive targets," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/43-rosenberg.pdf>.
- [18] E. Galvan Lopez, K. Rodriguez Vazquez, and R. Poli, "Beneficial aspects of neutrality in gp," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/45-lopez.pdf>.
- [19] M. Skalny, J. Overholt, G. Hudas, and G. Fiorani, "Genetic algorithm strategies for voronoi classifier navigation," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/47-skalny.pdf>.
- [20] S. Lee, P. von Allmen, W. Fink, A. E. Petropoulos, and R. J. Terrile, "Comparison of multi-objective genetic algorithms in optimizing q-law low-thrust orbit transfers," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/48-lee.pdf>.
- [21] I. Taney, M. Joachimczak, H. Hemmi, and K. Shimohara, "Evolving driving agent for remote control of scaled model of a car," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/50-taney.pdf>.
- [22] K. C. Wiese, A. Hendriks, A. Deschenes, and B. Ben Youssef, "The impact of pseudorandom number quality on p-rnapredict, a parallel genetic algorithm for rna secondary structure prediction," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/52-wiese.pdf>.

- [23] R. Kamalian, Y. Zhang, H. Takagi, and A. M. Agogino, "Reduced human fatigue interactive evolutionary computation for micromachine design," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/53-kamalian.pdf>.
- [24] J. Parent, A. Nowe, and A. Defaweux, "Addressing the even-n-parity problem using compressed linear genetic programming," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/54-parent.pdf>.
- [25] T. C. Fogarty, "Automatic concept evolution (ace)," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/55-fogarty.pdf>.
- [26] M. O. Hammond and T. C. Fogarty, "Co-operative oulipian generative literature using human based evolutionary computing," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/56-hammond.pdf>.
- [27] N. Karaoglu and B. Manderick, "Fapster - a genetic algorithm for frequency assignment problem," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/57-karaoglu.pdf>.
- [28] T. Kiehl, B. Hoogs, C. LaComb, and D. Senturk, "Evolving multi-variate time-series patterns for the discrimination of fraudulent financial filings," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/58-kiehl.pdf>.
- [29] W. Haas and S. Houghten, "Evolutionary algorithms for optimal error-correcting codes," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/59-haas.pdf>.
- [30] P. Gang, T. Nakatsuru, and S. Nakayama, "Discussions on lga with parallel system," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/61-gang.pdf>.
- [31] T. Fries, "Autonomous robot motion planning in diverse terrain using genetic algorithms," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/62-fries.pdf>.
- [32] A. F. Mehr, "Comparative study of several multi-objective genetic algorithms," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/64-farhang.pdf>.
- [33] E. Tchernev and D. Phatak, "Queue-based genetic programming," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/65-tchernev.pdf>.
- [34] E. R. Banks, E. Nunez, P. Agarwal, C. Owens, M. McBride, and R. Liedel, "Genetic programming for discrimination of buried unexploded ordnance (uxo)," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/66-banks.pdf>.

- [35] H. Yu and A. Wu, "An incremental approach to the proportional ga," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/67-yu.pdf>.
- [36] A. C. Hilton and Y. Li, "Optimal groundwater sampling network design through ant colony optimization," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/68-hilton.pdf>.
- [37] C. MacNish, "Benchmarking evolutionary algorithms: The huygens suite," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/69-macnish.pdf>.
- [38] D. James and P. Tucker, "Evolving a neural network active vision system for shape discrimination," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/70-james.pdf>.
- [39] M. Schmidt and H. Lipson, "Co-evolution of fitness maximizers and fitness predictors," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/71-schmidt.pdf>.
- [40] F. van Breugel and H. Lipson, "Evolving buildable flapping ornithopters," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/72-vanbreugel.pdf>.
- [41] M. Di Penta and L. Troiano, "Using fuzzy logic to relax constraints in ga-based service composition," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/73-dipenta.pdf>.
- [42] G. Studer and H. Lipson, "Spontaneous emergence of self-replicating, competing cube species in physical cube automata," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/74-studer.pdf>.
- [43] P. Koduru, A. Ahuja, K. McDowell, L. Lansky, S. Das, and S. Welch, "The multi-objective evolution of mobile robot behavior," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/75-koduru.pdf>.
- [44] B. Uran and M. Gargano, "Data mining using hybrid evolutionary models for creating data classification rules," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/76-uran.pdf>.
- [45] S. Kazadi, M. Lee, and L. Lee, "A case for exhaustive optimization," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/77-kazadi.pdf>.
- [46] H. Rababaah, D. Vrajitoru, and J. Wolfer, "Asphalt pavement crack classification: A comparison of ga, mlp, and som," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/78-rababaah.pdf>.

- [47] S. Silva and Y.-T. Tseng, "Classification of seafloor habitats using genetic programming," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/79-silva.pdf>.
- [48] C. H. Yong, K. O. Stanley, and R. Mikkulainen, "Incorporating advice into evolution of neural networks," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/80-yong.pdf>.
- [49] Y. M. Khalifa and Y. J. Fan, "An fpga-based general purpose neural network chip with on-chip learning," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/81-khalifa.pdf>.
- [50] J. Bongard and H. Lipson, "Reinventing the wheel: An experiment in geometric innovation," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/82-bongard.pdf>.
- [51] B. White, J. Gilbert, and J. Moore, "A statistical comparison of grammatical evolution strategies in the domain of human genetics," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/83-white.pdf>.
- [52] V. Anand, H. Lipson, and F. Valero-Cuevas, "Blind inference of nonlinear cable network topology from sparse data," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/84-anand.pdf>.
- [53] X. Li, C. Zhou, W. Xiao, and P. C. Nelson, "Prefix gene expression programming," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/85-li.pdf>.
- [54] Y. Jin, M. Olhofer, and B. Sendhoff, "Finding the optimal search dimension for evolution strategies with a small population," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005. <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/86-jin.pdf>.
- [55] M. Reed, S. Schenk, and G. Swoboda, "Fto: A genetic algorithm for tunnel design optimisation," in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2005)*, F. Rothlauf, ed. Washington, D.C., USA, 25-29 june, 2005.
<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2005lbp/papers/87-reed.pdf>.