Список литературы

[1] T. Abou-Assaleh and J. Zhang, "Autonomous life agent using recurrent neural networks and genetic algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 1–5.

[2] H. E. Aguirre, K. Tanaka, T. Sugimura, and S. Oshita, "Cooperative-competitive model for genetic operators: Contributions of extinctive selection and parallel genetic operators," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 6–14.

[3] L. A. Albert and D. E. Goldberg, "The effect of numerical integration on solution quality of a genetic algorithm," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 15–21.

[4] S. Ando and H. Iba, "Linear genome methodology for analog circuit design," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 22–28.

[5] M. Awadallah, E. D. Goodman, and I. Khalifa, "Optimal reactive power dispatch using a genetic algorithm," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 29–34.

[6] F. H. Bennett III and E. G. Rieffel, "Using genetic programming to design decentralized controllers for self-reconfigurable modular robots," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 35–42.

[7] C. Blume, "Optimization in concrete precasting plants by evolutionary computation," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 43–50.

[8] P. A. Bosman and D. Thierens, "Negative log-likelihood and statistical hypothesis testing as the basis of model selection in ideas," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 51–58.

[9] M. Callaghan, T. McGinnity, and L. McDaid, "A hybrid intelligent system architecture for machine vision applications using eas," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 59–64.

[10] W. Comisky, J. Yu, and J. R. Koza, "Automatic synthesis of a wire antenna using genetic programming," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 179–186. [Online]. Available: http://www.genetic-programming.com/gecco2000lbpantenna.ps

[11] B. de Andres, S. Esteban, D. Rivera, J. Hidalgo, and M. Prieto, "Parallel genetic algorithms: An application for model parameter identification in process control," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 65–69.

[12] I. De Falco, A. Iazzetta, E. Tarantino, and A. D. Cioppa, "On biologically inspired mutations: the translocation," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 70–77.

[13] N. F. F. Ebecken, J. A. do Amaral, and F. P. Mora, "The use of genetic algorithms as a project manager's decision support tool," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 78–81.

[14] W. Edelson and M. L. Gargano, "Feasible encodings for ga solutions of constrained minimal spanning tree problems," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 82–89.

[15] R. Feldt, M. O'Neill, C. Ryan, P. Nordin, and W. B. Langdon, "GP-Beagle: a benchmarking problem repository for the genetic programming community," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 90–97. [Online]. Available: http://www.ce.chalmers.se/~feldt/gpbeagle/faq_and_info/gpbeagle_papers/gecco2000lb/feldt_et_al_gecco2000lb_gpbeagle.ps

[16] F. D. Garcia, "Computer screen design aided by a genetic algorithm," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 98–101.

[17] I. Gokcen, I. H. Pineda, X. Yuan, C. Koutsougeras, and B. P. Buckles, "Image segmentation using ant colony system," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 284–289.

[18] L. I. Gonzalez-Monroy and A. Cordoba, "Energy supply systems optimization using genetic algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 102–108.

[19] K. A. Gruber, J. Baurick, and S. Louis, "Evolution of complex behavior controllers using genetic algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 109–116.

[20] D. Grundler and T. Rolich, "Qualitative visual presentation of evolutionary algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 117–124.

[21] L. M. Hercog and T. C. Fogarty, "Xcs-based inductive intelligent multi-agent system," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 125–132.

[22] H.-D. Jin, K.-S. Leung, and M.-L. Wong, "A genetic algorithm-guided model-based clustering algorithm," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 133–140.

[23] C. G. Johnson, "Exploring knot-space with genetic algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 141–146.

[24] J. Johnson and S. Kumara, "Coadaptation of cooperative players in an iterated prisoners dilemma game using an xml based ga," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 147–154.

[25] B. A. Julstrom, "Comparing lists of edges with two other genetic codings of rectilinear steiner trees," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 155–161.

[26] D. Keymeulen, G. Klimeck, R. Zebulum, Y. Jin, A. Stoica, and C. Salazar-Lazaro, "Ehwpack: A parallel software/hardware environment for evolvable hardware," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 162–169.

[27] A. Kosorukoff, "Genetic synthesis of cascade structures for particle classification," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 170–174.

[28] ——, "Social classification structures: Optimal decision making in an organization," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 175–178.

[29] S. Kumar and P. J. Bentley, "Implicit evolvability: An investigation into the evolvability of an embryogeny," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 198–204.

[30] S. Kwong and Q. H. He, "A genetic approach for the minimum classification error rate in speech recognition," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 205–209.

[31] W. Langdon, "Natural language text classification and filtering with trigrams and evolutionary nn classifiers," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 210–217.

[32] F. Li, "Combined relaxed gas and gradient technie for fast and accurate economic dispatch," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 218–221.

[33] S. J. Louis, I. E. Golovkin, and R. C. Mancini, "Parallel implementation of niched pareto genetic algorithm code for x-ray plasma spectroscopy," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 222–227.

[34] S. Luke, "Code growth is not caused by introns," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 228–235. [Online]. Available: http://www.cs.umd.edu/~sean/papers/intronpaper.ps.gz

[35] E. Lukschandl, P. Nordin, , and M. Nordahl, "Using the java method evolver for load balancing in communication networks," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 236–239.

[36] A. Marino and R. I. Damper, "Breaking the symmetry of the graph colouring problem with genetic algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 240–245.

[37] L. Meeden, J. Wales, and J. Wells, "Nature versus nurture in evolutionary computation: Balancing the training environment and fitness," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 246–252.

[38] W. Mydlowec and J. R. Koza, "Use of time-domain simulations in automatic synthesis of computational circuits using gp," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 187–197. [Online]. Available: http://www.genetic-programming.com/gecco2000lbpcomp.ps

[39] N. Paterson and M. Livesey, "Performance comparison in genetic programming," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 253–260.

[40] M. Peysakhov, V. Galinskaya, and W. C. Regli, "Using graph grammars and genetic algorithms to represent and evolve lego assemblies," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 269–276.

[41] J. D. Pilgrim and F. Li, "Improved static var compensator siting on power systems using a ga with variable string length," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 277–283.

[42] E. S. Pires and J. T. Machado, "Trajectory optimization for redundant robots using genetic algorithms with heuristic operators," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 290–296.

[43] R. J. Povinelli, "Improving computational performance of genetic algorithms: A comparison of techniques," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 297–302.

[44] A. Provetti and L. Tari, "Answer sets computation by genetic algorithms - preliminary report," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 303–308.

[45] G. R. Raidl and C. Drexel, "A predecessor coding in an ea for the capacitated minimum spanning tree problem," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 309–316.

[46] S. Rana-Stevens, B. Lubin, and D. Montana, "The air crew scheduling system: The design of a real-world, dynamic genetic scheduler," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 317–324.

[47] P. Rickers, R. Thomsen, and T. Krink, "Applying self-organized criticality to the diffusion model," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 325–330.

[48] C. M. Roadknight and I. W. Marshall, "Adaptive management of a future service network using a bacteria inspired genetic algorithm," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 331–337.

[49] J. A. Rose and R. J. Deaton, "An equilibrium analysis of the efficiency of whiplash pcr," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 338–345.

[50] K. Saitou and C. M. Baydar, "A genetic programming framework for error recovery in robotic assembly systems," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 346–351.

[51] R. Santana, F. B. Pereira, E. Costa, A. Ochoa-Rodriguez, P. Machado, A. Cardoso, and M. Soto, "Probabilistic evolution and the busy beaver problem," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 261–268.

[52] K. Sastry and D. E. Goldberg, "On extended compact genetic algorithm," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 352–359.

[53] G. Shields, S. J. Louis, and S. K. Pullammanappallil, "A parallel genetic algorithm for seismic velocity inversion," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 360–365.

[54] E. J. Southcombe, "Optimization of tank size and shape for improved roll stability in steady-state turning using a ga," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 366–371.

[55] S. Stanhope and J. Daida, "Fitness dynamics of a (2+1) ga operating on onemax," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 372–379.

[56] A. K. Swain and A. S. Morris, "A hybrid evolutionary algorithm for global optimization," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 380–387.

[57] I. T. Tanev, T. Uozumi, and K. Ono, "Parallel implementation of genetic programming on clusters," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 388–396.

[58] A. G. B. Tettamanzi, L. Sammartino, M. Simonov, and M. Soroldoni, "Gamut: A system for customer modeling based on evolutionary algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 397–404.

[59] A. Toffolo and E. Benini, "A new pareto-like evaluation method for finding multiple global optima in evolutionary algorithms," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 405–410.

[60] K. R. Vazquez, "Identification of mimo non-linear systems using evolutionary computation," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 411–417.

[61] D. Whitley, Ed., *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, Las Vegas, Nevada, USA, 8 July 2000. [Online]. Available: http://www.cs.colostate.edu/~genitor/GECCO-2000/late-breaking-schedule.htm

[62] A. L. Wiens and B. J. Ross, "Gentropy: Evolutionary 2d texture generation," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 418–424.

[63] T. Yabuki and H. Iba, "Genetic algorithms for quantum circuit design - evolving a simpler teleportation circuit," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 425–430.

[64] T. Yoshikawa, H. Kawanaka, and S. Tsuruoka, "A study of parallel ga using dna coding method for acquisition of fuzzy control rules," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 431–436.

[65] T. Yu, "Polymorphism and genetic programming," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, Ed., Las Vegas, Nevada, USA, 8 July 2000, pp. 437–444.