Список литературы

- [1] D. Whitley, ed., Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference. Las Vegas, Nevada, USA, 8 july, 2000. http://www.cs.colostate.edu/~genitor/GECCO-2000/late-breaking-schedule.htm.
- [2] 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., pp. 236–239. Las Vegas, Nevada, USA, 8 july, 2000.
- [3] 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., pp. 98–101. Las Vegas, Nevada, USA, 8 july, 2000.
- [4] 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., pp. 102–108. Las Vegas, Nevada, USA, 8 july, 2000.
- [5] 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., pp. 218–221. Las Vegas, Nevada, USA, 8 july, 2000.
- [6] 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., pp. 78–81. Las Vegas, Nevada, USA, 8 july, 2000.
- [7] 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., pp. 170–174. Las Vegas, Nevada, USA, 8 july, 2000.
- [8] A. Kosorukoff, "Social Classification Structures: Optimal Decision Making in an Organization," in Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference, D. Whitley, ed., pp. 175–178. Las Vegas, Nevada, USA, 8 july, 2000.
- [9] 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., pp. 205–209. Las Vegas, Nevada, USA, 8 july, 2000.
- [10] 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., pp. 65–69. Las Vegas, Nevada, USA, 8 july, 2000.
- [11] 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., pp. 1–5. Las Vegas, Nevada, USA, 8 july, 2000.
- [12] 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., pp. 331–337. Las Vegas, Nevada, USA, 8 july, 2000.
- [13] 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., pp. 317–324. Las Vegas, Nevada, USA, 8 july, 2000.
- [14] 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., pp. 6–14. Las Vegas, Nevada, USA, 8 july, 2000.

- [15] 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., pp. 15–21. Las Vegas, Nevada, USA, 8 july, 2000.
- [16] 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., pp. 51–58. Las Vegas, Nevada, USA, 8 july, 2000.
- [17] 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., pp. 411–417. Las Vegas, Nevada, USA, 8 july, 2000.
- [18] 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., pp. 117–124. Las Vegas, Nevada, USA, 8 july, 2000.
- [19] 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., pp. 125–132. Las Vegas, Nevada, USA, 8 july, 2000.
- [20] 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., pp. 22–28. Las Vegas, Nevada, USA, 8 july, 2000.
- [21] 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., pp. 70–77. Las Vegas, Nevada, USA, 8 july, 2000.
- [22] 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., pp. 90-97. Las Vegas, Nevada, USA, 8 july, 2000. http://www.ce.chalmers.se/~feldt/gpbeagle/faq_and_info/gpbeagle_papers/gecco2000lb/feldt_et_al_gecco2000lb_gpbeagle.ps.
- [23] 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., pp. 338–345. Las Vegas, Nevada, USA, 8 july, 2000.
- [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., pp. 147–154. Las Vegas, Nevada, USA, 8 july, 2000.
- [25] 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., pp. 240–245. Las Vegas, Nevada, USA, 8 july, 2000.
- [26] 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., pp. 431–436. Las Vegas, Nevada, USA, 8 july, 2000.
- [27] 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., pp. 29–34. Las Vegas, Nevada, USA, 8 july, 2000.
- [28] 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., pp. 59–64. Las Vegas, Nevada, USA, 8 july, 2000.

- [29] 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., pp. 284–289. Las Vegas, Nevada, USA, 8 july, 2000.
- [30] 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., pp. 198–204. Las Vegas, Nevada, USA, 8 july, 2000.
- [31] 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., pp. 405–410. Las Vegas, Nevada, USA, 8 july, 2000.
- [32] 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., pp. 246–252. Las Vegas, Nevada, USA, 8 july, 2000.
- [33] 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., pp. 290–296. Las Vegas, Nevada, USA, 8 july, 2000.
- [34] 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., pp. 162–169. Las Vegas, Nevada, USA, 8 july, 2000.
- [35] 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., pp. 179–186. Las Vegas, Nevada, USA, 8 july, 2000. http://www.genetic-programming.com/gecco2000lbpantenna.ps.
- [36] 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., pp. 187–197. Las Vegas, Nevada, USA, 8 july, 2000. http://www.genetic-programming.com/gecco20001bpcomp.ps.
- [37] 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., pp. 210–217. Las Vegas, Nevada, USA, 8 july, 2000.
- [38] 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., pp. 253–260. Las Vegas, Nevada, USA, 8 july, 2000.
- [39] S. Luke, "Code Growth is Not Caused by Introns," in *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, D. Whitley, ed., pp. 228–235. Las Vegas, Nevada, USA, 8 july, 2000. http://www.cs.umd.edu/~sean/papers/intronpaper.ps.gz.
- [40] T. Yu, "Polymorphism and Genetic Programming," in Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference, D. Whitley, ed., pp. 437–444. Las Vegas, Nevada, USA, 8 july, 2000.
- [41] 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., pp. 155–161. Las Vegas, Nevada, USA, 8 july, 2000.
- [42] 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., pp. 109–116. Las Vegas, Nevada, USA, 8 july, 2000.

- [43] 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., pp. 388–396. Las Vegas, Nevada, USA, 8 july, 2000.
- [44] 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., pp. 82–89. Las Vegas, Nevada, USA, 8 july, 2000.
- [45] 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., pp. 35–42. Las Vegas, Nevada, USA, 8 july, 2000.
- [46] 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., pp. 360–365. Las Vegas, Nevada, USA, 8 july, 2000.
- [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., pp. 325–330. Las Vegas, Nevada, USA, 8 july, 2000.
- [48] 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., pp. 297–302. Las Vegas, Nevada, USA, 8 july, 2000.
- [49] 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., pp. 303–308. Las Vegas, Nevada, USA, 8 july, 2000.
- [50] 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., pp. 222–227. Las Vegas, Nevada, USA, 8 july, 2000.
- [51] 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., pp. 425–430. Las Vegas, Nevada, USA, 8 july, 2000.
- [52] C. G. Johnson, "Exploring Knot-Space with Genetic Algorithms," in *Late Breaking Papers at the* 2000 Genetic and Evolutionary Computation Conference, D. Whitley, ed., pp. 141–146. Las Vegas, Nevada, USA, 8 july, 2000.
- [53] 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., pp. 366–371. Las Vegas, Nevada, USA, 8 july, 2000.
- [54] 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., pp. 418–424. Las Vegas, Nevada, USA, 8 july, 2000.
- [55] 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., pp. 261–268. Las Vegas, Nevada, USA, 8 july, 2000.
- [56] 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., pp. 269–276. Las Vegas, Nevada, USA, 8 july, 2000.

- [57] 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., pp. 277–283. Las Vegas, Nevada, USA, 8 july, 2000.
- [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., pp. 397–404. Las Vegas, Nevada, USA, 8 july, 2000.
- [59] 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., pp. 309–316. Las Vegas, Nevada, USA, 8 july, 2000.
- [60] 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., pp. 43–50. Las Vegas, Nevada, USA, 8 july, 2000.
- [61] 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., pp. 133–140. Las Vegas, Nevada, USA, 8 july, 2000.
- [62] 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., pp. 346–351. Las Vegas, Nevada, USA, 8 july, 2000.
- [63] 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., pp. 352–359. Las Vegas, Nevada, USA, 8 july, 2000.
- [64] 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., pp. 372–379. Las Vegas, Nevada, USA, 8 july, 2000.
- [65] 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., pp. 380–387. Las Vegas, Nevada, USA, 8 july, 2000.