Список литературы

[Abou-Assaleh and Zhang(2000)] Tony Abou-Assaleh and Jianna Zhang. *Autonomous Life Agent Using Recurrent Neural Networks and Genetic Algorithms*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 1–5 (Las Vegas, Nevada, USA, 2000).

[Aguirre et al.(2000)Aguirre, Tanaka, Sugimura, and Oshita] Hernan E. Aguirre, Kiyoshi Tanaka, Tatsuo Sugimura, and Shinjiro Oshita. *Cooperative-Competitive Model for Genetic Operators: Contributions of Extinctive Selection and Parallel Genetic Operators*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 6–14 (Las Vegas, Nevada, USA, 2000).

[Albert and Goldberg(2000)] Laura A. Albert and David E. Goldberg. *The Effect of Numerical Integration on Solution Quality of a Genetic Algorithm*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 15–21 (Las Vegas, Nevada, USA, 2000).

[Ando and Iba(2000)] Shin Ando and Hitoshi Iba. *Linear Genome Methodology for Analog Circuit Design*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 22–28 (Las Vegas, Nevada, USA, 2000).

[Awadallah et al.(2000)Awadallah, Goodman, and Khalifa] M.I. Awadallah, Erik D. Goodman, and I.H. Khalifa. *Optimal Reactive Power Dispatch Using A Genetic Algorithm*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 29–34 (Las Vegas, Nevada, USA, 2000).

[Bennett III and Rieffel(2000)] Forrest H Bennett III and Eleanor G. Rieffel. *Using Genetic Programming to Design Decentralized Controllers for Self-Reconfigurable Modular Robots*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 35–42 (Las Vegas, Nevada, USA, 2000).

[Blume(2000)] Christian Blume. *Optimization in Concrete Precasting Plants by Evolutionary Computation*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 43–50 (Las Vegas, Nevada, USA, 2000).

[Bosman and Thierens(2000)] Peter A.N. Bosman and Dirk Thierens. *Negative Log-Likelihood and Statistical Hypothesis Testing as the Basis of Model Selection in IDEAs*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 51–58 (Las Vegas, Nevada, USA, 2000).

[Callaghan et al.(2000)Callaghan, McGinnity, and McDaid] M.J. Callaghan, T.M. McGinnity, and L.J. McDaid. *A Hybrid Intelligent System Architecture for Machine Vision Applications Using EAs*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 59–64 (Las Vegas, Nevada, USA, 2000).

[Comisky et al.(2000)Comisky, Yu, and Koza] William Comisky, Jessen Yu, and John R. Koza. *Automatic Synthesis of a Wire Antenna Using Genetic Programming*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 179–186 (Las Vegas, Nevada, USA, 2000).

[de Andres et al.(2000)de Andres, Esteban, Rivera, Hidalgo, and Prieto] Bonifacio de Andres, Segundo Esteban, Daniel Rivera, Jose Hidalgo, and Manuel Prieto. *Parallel Genetic Algorithms: An Application for Model Parameter Identification in Process Control*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 65–69 (Las Vegas, Nevada, USA, 2000).

[De Falco et al.(2000)De Falco, Iazzetta, Tarantino, and Cioppa] I. De Falco, A. Iazzetta, E. Tarantino, and A. Della Cioppa. *On Biologically Inspired Mutations: the Translocation*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 70–77 (Las Vegas, Nevada, USA, 2000).

[Ebecken et al.(2000)Ebecken, do Amaral, and Mora] Nelson F. F. Ebecken, Joao A.A. do Amaral, and Feniosky P. Mora. *The Use of Genetic Algorithms as a Project Manager's Decision Support Tool.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 78–81 (Las Vegas, Nevada, USA, 2000).

[Edelson and Gargano(2000)] William Edelson and Michael L. Gargano. *Feasible Encodings for GA Solutions of Constrained Minimal Spanning Tree Problems.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 82–89 (Las Vegas, Nevada, USA, 2000).

[Feldt et al.(2000)Feldt, O'Neill, Ryan, Nordin, and Langdon] Robert Feldt, Michael O'Neill, Conor Ryan, Peter Nordin, and William B. Langdon. *GP-Beagle: A Benchmarking Problem Repository for the Genetic Programming Community.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 90–97 (Las Vegas, Nevada, USA, 2000).

[Garcia(2000)] Fernando D. Garcia. *Computer Screen Design Aided by a Genetic Algorithm.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 98–101 (Las Vegas, Nevada, USA, 2000).

[Gokcen et al.(2000)Gokcen, Pineda, Yuan, Koutsougeras, and Buckles] Ibrahim Gokcen, Ivo H. Pineda, Xiaohui Yuan, Cris Koutsougeras, and Bill P. Buckles. *Image Segmentation Using Ant Colony System.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 284–289 (Las Vegas, Nevada, USA, 2000).

[Gonzalez-Monroy and Cordoba(2000)] Luis I. Gonzalez-Monroy and Antonio Cordoba. *Energy Supply Systems Optimization Using Genetic Algorithms.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 102–108 (Las Vegas, Nevada, USA, 2000).

[Gruber et al.(2000)Gruber, Baurick, and Louis] Kerry A. Gruber, Jason Baurick, and Sushil Louis. *Evolution of Complex Behavior Controllers using Genetic Algorithms.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 109–116 (Las Vegas, Nevada, USA, 2000).

[Grundler and Rolich(2000)] Darko Grundler and Tomislav Rolich. *Qualitative Visual Presentation of Evolutionary Algorithms.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 117–124 (Las Vegas, Nevada, USA, 2000).

[Hercog and Fogarty(2000)] Luis Miramontes Hercog and Terence C. Fogarty. *XCS-Based Inductive Intelligent Multi-agent System.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 125–132 (Las Vegas, Nevada, USA, 2000).

[Jin et al.(2000)Jin, Leung, and Wong] Hui-Dong Jin, Kwong-Sak Leung, and Man-Leung Wong. *A Genetic Algorithm-Guided Model-based Clustering Algorithm.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 133–140 (Las Vegas, Nevada, USA, 2000).

[Johnson(2000)] Colin G. Johnson. *Exploring Knot-Space with Genetic Algorithms.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 141–146 (Las Vegas, Nevada, USA, 2000).

[Johnson and Kumara(2000)] Judy Johnson and Soundar Kumara. *Coadaptation of Cooperative Players in an Iterated Prisoners Dilemma Game using an XML Based GA.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 147–154 (Las Vegas, Nevada, USA, 2000).

[Julstrom(2000)] Bryant A. Julstrom. *Comparing Lists of Edges with Two Other Genetic Codings of Rectilinear Steiner Trees.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 155–161 (Las Vegas, Nevada, USA, 2000).

[Keymeulen et al.(2000)Keymeulen, Klimeck, Zebulum, Jin, Stoica, and Salazar-Lazaro] Didier Keymeulen, Gerhard Klimeck, Ricardo Zebulum, Yili Jin, Adrian Stoica, and Carlos Salazar-Lazaro. *EHWPack: A Parallel Software/Hardware Environment for Evolvable Hardware.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 162–169 (Las Vegas, Nevada, USA, 2000).

[Kosorukoff(2000a)] Alexander Kosorukoff. *Genetic Synthesis of Cascade Structures for Particle Classification.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 170–174 (Las Vegas, Nevada, USA, 2000a).

[Kosorukoff(2000b)] Alexander Kosorukoff. *Social Classification Structures: Optimal Decision Making in an Organization.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 175–178 (Las Vegas, Nevada, USA, 2000b).

[Kumar and Bentley(2000)] Sanjeev Kumar and Peter J. Bentley. *Implicit Evolvability: An Investigation into the Evolvability of an Embryogeny.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 198–204 (Las Vegas, Nevada, USA, 2000).

[Kwong and He(2000)] Sam Kwong and Q. H. He. *A Genetic Approach for the Minimum Classification Error Rate in Speech Recognition.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 205–209 (Las Vegas, Nevada, USA, 2000).

[Langdon(2000)] W.B. Langdon. *Natural Language Text Classification and Filtering with Trigrams and Evolutionary NN Classifiers.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 210–217 (Las Vegas, Nevada, USA, 2000).

[Li(2000)] Furong Li. *Combined Relaxed GAs and Gradient Technie for Fast and Accurate Economic Dispatch.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 218–221 (Las Vegas, Nevada, USA, 2000).

[Louis et al.(2000)Louis, Golovkin, and Mancini] Sushil J. Louis, Igor E. Golovkin, and Roberto C. Mancini. *Parallel Implementation of Niched Pareto Genetic Algorithm Code for X-ray Plasma Spectroscopy.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 222–227 (Las Vegas, Nevada, USA, 2000).

[Luke(2000)] Sean Luke. *Code Growth is Not Caused by Introns.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 228–235 (Las Vegas, Nevada, USA, 2000).

[Lukschandl et al.(2000)Lukschandl, Nordin, , and Nordahl] Eduard Lukschandl, Peter Nordin, , and Mats Nordahl. *Using the Java Method Evolver for Load Balancing in Communication Networks.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 236–239 (Las Vegas, Nevada, USA, 2000).

[Marino and Damper(2000)] Anna Marino and Robert I. Damper. *Breaking the Symmetry of the Graph Colouring Problem with Genetic Algorithms.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 240–245 (Las Vegas, Nevada, USA, 2000).

[Meeden et al.(2000)Meeden, Wales, and Wells] Lisa Meeden, Jordan Wales, and Jesse Wells. *Nature versus Nurture in Evolutionary Computation: Balancing the Training Environment and Fitness.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 246–252 (Las Vegas, Nevada, USA, 2000).

[Mydlowec and Koza(2000)] William Mydlowec and John R. Koza. *Use of Time-Domain Simulations in Automatic Synthesis of Computational Circuits Using GP.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 187–197 (Las Vegas, Nevada, USA, 2000).

[Paterson and Livesey(2000)] Norman Paterson and Michael Livesey. *Performance Comparison in Genetic Programming.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 253–260 (Las Vegas, Nevada, USA, 2000).

[Peysakhov et al.(2000)Peysakhov, Galinskaya, and Regli] Maxim Peysakhov, Vlada Galinskaya, and William C. Regli. *Using Graph Grammars and Genetic Algorithms to Represent and Evolve Lego Assemblies.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 269–276 (Las Vegas, Nevada, USA, 2000).

[Pilgrim and Li(2000)] James D. Pilgrim and Furong Li. *Improved Static VAr Compensator Siting on Power Systems Using a GA with Variable String Length.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 277–283 (Las Vegas, Nevada, USA, 2000).

[Pires and Machado(2000)] E.J. Solteiro Pires and J.A. Tenreiro Machado. *Trajectory Optimization for Redundant Robots Using Genetic Algorithms with Heuristic Operators.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 290–296 (Las Vegas, Nevada, USA, 2000).

[Povinelli(2000)] Richard J. Povinelli. *Improving Computational Performance of Genetic Algorithms: A Comparison of Techniques.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 297–302 (Las Vegas, Nevada, USA, 2000).

[Provetti and Tari(2000)] Alessandro Provetti and Luis Tari. *Answer Sets Computation by Genetic Algorithms - Preliminary Report.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 303–308 (Las Vegas, Nevada, USA, 2000).

[Raidl and Drexel(2000)] Gunther R. Raidl and Christina Drexel. *A Predecessor Coding in an EA for the Capacitated Minimum Spanning Tree Problem.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 309–316 (Las Vegas, Nevada, USA, 2000).

[Rana-Stevens et al.(2000)Rana-Stevens, Lubin, and Montana] Soraya Rana-Stevens, Benjamin Lubin, and David Montana. *The Air Crew Scheduling System: The Design of a Real-world, Dynamic Genetic Scheduler.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 317–324 (Las Vegas, Nevada, USA, 2000).

[Rickers et al.(2000)Rickers, Thomsen, and Krink] Peter Rickers, Ren Thomsen, and Thiemo Krink. *Applying Self-Organized Criticality to the Diffusion Model.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 325–330 (Las Vegas, Nevada, USA, 2000).

[Roadknight and Marshall(2000)] C. M. Roadknight and I. W. Marshall. *Adaptive Management of a Future Service Network using a Bacteria Inspired Genetic Algorithm.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 331–337 (Las Vegas, Nevada, USA, 2000).

[Rose and Deaton(2000)] John A. Rose and Russell J. Deaton. *An Equilibrium Analysis of the Efficiency of Whiplash PCR.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 338–345 (Las Vegas, Nevada, USA, 2000).

[Saitou and Baydar(2000)] Kazuhiro Saitou and Cem M. Baydar. *A Genetic Programming Framework for Error Recovery in Robotic Assembly Systems.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 346–351 (Las Vegas, Nevada, USA, 2000).

[Santana et al.(2000)Santana, Pereira, Costa, Ochoa-Rodriguez, Machado, Cardoso, and Soto] Roberto Santana, Francisco B. Pereira, Ernesto Costa, Alberto Ochoa-Rodriguez, Penousal Machado, Amilcar Cardoso, and Marta Soto. *Probabilistic Evolution and the Busy Beaver Problem.* In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 261–268 (Las Vegas, Nevada, USA, 2000).

[Sastry and Goldberg(2000)] Kumara Sastry and David E. Goldberg. *On Extended Compact Genetic Algorithm*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 352–359 (Las Vegas, Nevada, USA, 2000).

[Shields et al.(2000)Shields, Louis, and Pullammanappallil] Gordon Shields, Sushil J. Louis, and Satish K. Pullammanappallil. *A Parallel Genetic Algorithm for Seismic Velocity Inversion*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 360–365 (Las Vegas, Nevada, USA, 2000).

[Southcombe(2000)] Ericka J. Southcombe. *Optimization of Tank Size and Shape for Improved Roll Stability in Steady-State Turning Using a GA*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 366–371 (Las Vegas, Nevada, USA, 2000).

[Stanhope and Daida(2000)] Stephen Stanhope and Jason Daida. *Fitness Dynamics of a (2+1) GA Operating on ONEMAX*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 372–379 (Las Vegas, Nevada, USA, 2000).

[Swain and Morris(2000)] Anjan Kumar Swain and Alan S. Morris. *A Hybrid Evolutionary Algorithm for Global Optimization*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 380–387 (Las Vegas, Nevada, USA, 2000).

[Tanev et al.(2000)Tanev, Uozumi, and Ono] Ivan T. Tanev, Takashi Uozumi, and Koichi Ono. *Parallel Implementation of Genetic Programming on Clusters*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 388–396 (Las Vegas, Nevada, USA, 2000).

[Tettamanzi et al.(2000)Tettamanzi, Sammartino, Simonov, and Soroldoni] Andrea G. B. Tettamanzi, Luca Sammartino, Mikhail Simonov, and Massimo Soroldoni. *GAMUT: A System for Customer Modeling Based on Evolutionary Algorithms*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 397–404 (Las Vegas, Nevada, USA, 2000).

[Toffolo and Benini(2000)] Andrea Toffolo and Ernesto Benini. *A New Pareto-like Evaluation Method for Finding Multiple Global Optima in Evolutionary Algorithms*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 405–410 (Las Vegas, Nevada, USA, 2000).

[Vazquez(2000)] Katya Rodriguez Vazquez. *Identification of MIMO Non-Linear Systems Using Evolutionary Computation*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 411–417 (Las Vegas, Nevada, USA, 2000).

[Whitley(2000)] Darrell Whitley (ed.). *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference* (Las Vegas, Nevada, USA, 2000).

[Wiens and Ross(2000)] Andrea L. Wiens and Brian J. Ross. *Gentropy: Evolutionary 2D Texture Generation*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 418–424 (Las Vegas, Nevada, USA, 2000).

[Yabuki and Iba(2000)] Taro Yabuki and Hitoshi Iba. *Genetic Algorithms for Quantum Circuit Design - Evolving a Simpler Teleportation Circuit*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 425–430 (Las Vegas, Nevada, USA, 2000).

[Yoshikawa et al.(2000)Yoshikawa, Kawanaka, and Tsuruoka] Tomohiro Yoshikawa, Hiroharu Kawanaka, and Shinji Tsuruoka. *A Study of Parallel GA Using DNA Coding Method for Acquisition of Fuzzy Control Rules*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 431–436 (Las Vegas, Nevada, USA, 2000).

[Yu(2000)] Tina Yu. *Polymorphism and Genetic Programming*. In Darrell Whitley (ed.) *Late Breaking Papers at the 2000 Genetic and Evolutionary Computation Conference*, pp. 437–444 (Las Vegas, Nevada, USA, 2000).