

Список литературы

- [1] Agogino A, Tumer K. Efficient Evaluation Functions for Multi-rover Systems. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1-11. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020001.htm>.
- [2] Brabazon A, Silva A, de Sousa TF, O'Neill M, Matthews R, Costa E. A Particle Swarm Model of Organizational Adaptation. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 12-23. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020012.htm>.
- [3] Bui TN, Rizzo JR. Finding Maximum Cliques with Distributed Ants. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 24-35. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020024.htm>.
- [4] Bui TN, Sundarraj G. Ant System for the k-Cardinality Tree Problem. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 36-47. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020036.htm>.
- [5] Chitty DM, Hernandez ML. A Hybrid Ant Colony Optimisation Technique for Dynamic Vehicle Routing. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 48-59. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020048.htm>.
- [6] Cornforth D, Kirley M. Cooperative Problem Solving Using an Agent-Based Market. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 60-71. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020060.htm>.
- [7] Curran D, O'Riordan C. Cultural Evolution for Sequential Decision Tasks: Evolving Tic-Tac-Toe Players in Multi-agent Systems. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 72-80. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020072.htm>.
- [8] Downing KL. Artificial Life and Natural Intelligence. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 81-92. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020081.htm>.
- [9] Kowaliw T, Grogono P, Kharma N. Bluenome: A Novel Developmental Model of Artificial Morphogenesis. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 93-104. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020093.htm>.
- [10] Li X. Adaptively Choosing Neighbourhood Bests Using Species in a Particle Swarm Optimizer for Multimodal Function Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p.

- 105-16. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020105.htm>.
- [11] Li X. Better Spread and Convergence: Particle Swarm Multiobjective Optimization Using the Maximin Fitness Function. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 117-28. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020117.htm>.
 - [12] Miller JF. Evolving a Self-Repairing, Self-Regulating, French Flag Organism. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 129-39. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020129.htm>.
 - [13] Monson CK, Seppi KD. The Kalman Swarm: A New Approach to Particle Motion in Swarm Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 140-50. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020140.htm>.
 - [14] Nakano T, Suda T. Adaptive and Evolvable Network Services. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 151-62. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020151.htm>.
 - [15] O'Neill M, Brabazon A. Grammatical Swarm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 163-74. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020163.htm>.
 - [16] Sapin E, Bailleux O, Chabrier JJ, Collet P. A New Universal Cellular Automaton Discovered by Evolutionary Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 175-87. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020175.htm>.
 - [17] Semet Y, O'Reilly UM, Durand F. An Interactive Artificial Ant Approach to Non-photorealistic Rendering. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 188-200. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020188.htm>.
 - [18] Talbott WA. Automatic Creation of Team-Control Plans Using an Assignment Branch in Genetic Programming. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 201-12. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020201.htm>.
 - [19] Tanev I, Yuta K. Implications of Epigenetic Learning Via Modification of Histones on Performance of Genetic Programming. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 213-24. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020213.htm>.
 - [20] Pulido GT, Coello CAC. Using Clustering Techniques to Improve the Performance of a Multi-objective Particle Swarm Optimizer. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E,

- Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 225-37. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020225.htm>.
- [21] Xie XF, Zhang WJ. SWAF: Swarm Algorithm Framework for Numerical Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 238-50. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020238.htm>.
 - [22] Berro A, Sanchez S. Autonomous Agent for Multi-objective Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 251-2. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020251.htm>.
 - [23] Chitty DM. An Evolved Autonomous Controller for Satellite Task Scheduling. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 253-4. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020253.htm>.
 - [24] Dignum S, Poli R. Multi-agent Foreign Exchange Market Modelling Via GP. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 255-6. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020255.htm>.
 - [25] Drewes R, Maciokas J, Louis SJ, Goodman P. An Evolutionary Autonomous Agent with Visual Cortex and Recurrent Spiking Columnar Neural Network. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 257-8. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020257.htm>.
 - [26] Gómez O, Barán B. Arguments for ACO's Success. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 259-60. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020259.htm>.
 - [27] Xie XF, Zhang WJ. Solving Engineering Design Problems by Social Cognitive Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 261-2. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020261.htm>.
 - [28] Dozier G, Brown D, Hurley J, Cain K. Vulnerability Analysis of Immunity-Based Intrusion Detection Systems Using Evolutionary Hackers. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 263-74. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020263.htm>.
 - [29] Hang X, Dai H. Constructing Detectors in Schema Complementary Space for Anomaly Detection. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 275-86. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020275.htm>.

- [30] Ji Z, Dasgupta D. Real-Valued Negative Selection Algorithm with Variable-Sized Detectors. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 287-98. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020287.htm>.
- [31] Stibor T, Bayarou KM, Eckert C. An Investigation of R-Chunk Detector Generation on Higher Alphabets. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 299-307. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020299.htm>.
- [32] Timmis J, Edmonds C. A Comment on Opt-AiNET: An Immune Network Algorithm for Optimisation. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 308-17. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020308.htm>.
- [33] qiang Qi Z, min Song S, hua Yang Z, da Hu G, en Zhang F. A Novel Immune Feedback Control Algorithm and Its Applications. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 318-20. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020318.htm>.
- [34] Belda I, Llorà X, Martinell M, Tarragó T, Giralt E. Computer-Aided Peptide Evolution for Virtual Drug Design. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 321-32. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020321.htm>.
- [35] Bongard JC, Lipson H. Automating Genetic Network Inference with Minimal Physical Experimentation Using Coevolution. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 333-45. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020333.htm>.
- [36] Kim YH, Lee SY, Moon BR. A Genetic Approach for Gene Selection on Microarray Expression Data. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 346-55. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020346.htm>.
- [37] Koduru P, Das S, Welch S, Roe JL. Fuzzy Dominance Based Multi-objective GA-Simplex Hybrid Algorithms Applied to Gene Network Models. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 356-67. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020356.htm>.
- [38] de Magalhães CS, Barbosa HJC, Dardenne LE. Selection-Insertion Schemes in Genetic Algorithms for the Flexible Ligand Docking Problem. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 368-79. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020368.htm>.
- [39] Mauri G, Mosca R, Pavesi G. A GA Approach to the Definition of Regulatory Signals in Genomic Sequences. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al.,

- editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 380-91. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020380.htm>.
- [40] Moore JH, Hahn LW. Systems Biology Modeling in Human Genetics Using Petri Nets and Grammatical Evolution. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 392-401. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020392.htm>.
 - [41] Parsopoulos KE, Papageorgiou EI, Groumpos PP, Vrahatis MN. Evolutionary Computation Techniques for Optimizing Fuzzy Cognitive Maps in Radiation Therapy Systems. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 402-13. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020402.htm>.
 - [42] Paul TK, Iba H. Identification of Informative Genes for Molecular Classification Using Probabilistic Model Building Genetic Algorithm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 414-25. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020414.htm>.
 - [43] Peterson MR, Doom TE, Raymer ML. GA-Facilitated Knowledge Discovery and Pattern Recognition Optimization Applied to the Biochemistry of Protein Solvation. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 426-37. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020426.htm>.
 - [44] Ritchie MD, Coffey CS, Moore JH. Genetic Programming Neural Networks as a Bioinformatics Tool for Human Genetics. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 438-48. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020438.htm>.
 - [45] Sheneman L, Foster JA. Evolving Better Multiple Sequence Alignments. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 449-60. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020449.htm>.
 - [46] Spieth C, Streichert F, Speer N, Zell A. Optimizing Topology and Parameters of Gene Regulatory Network Models from Time-Series Experiments. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 461-70. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020461.htm>.
 - [47] Streichert F, Planatscher H, Spieth C, Ulmer H, Zell A. Comparing Genetic Programming and Evolution Strategies on Inferring Gene Regulatory Networks. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 471-80. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020471.htm>.
 - [48] Yang JM, Shen TW, Chen YF, Chiu YY. An Evolutionary Approach with Pharmacophore-Based Scoring Functions for Virtual Database Screening. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part

- I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 481-92. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020481.htm>.
- [49] Aguilar-Ruiz JS, Mateos D, Giraldez R, Riquelme JC. Statistical Test-Based Evolutionary Segmentation of Yeast Genome. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 493-4. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020493.htm>.
 - [50] Buehler EC, Das S, Cully JF. Equilibrium and Extinction in a Trisexual Diploid Mating System: An Investigation. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 495-6. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020495.htm>.
 - [51] Burns DJ, May KT. On Parameterizing Models of Antigen-Antibody Binding Dynamics on Surfaces: A Genetic Algorithm Approach and the Need for Speed. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 497-8. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020497.htm>.
 - [52] Just W, Sun X. Is the Predicted ESS in the Sequential Assessment Game Evolvable? In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 499-500. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020499.htm>.
 - [53] Bucci A, Pollack JB, de Jong E. Automated Extraction of Problem Structure. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 501-12. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020501.htm>.
 - [54] Chang M, Ohkura K, Ueda K, Sugiyama M. Modeling Coevolutionary Genetic Algorithms on Two-Bit Landscapes: Random Partnering. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 513-24. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020513.htm>.
 - [55] de Jong ED. The Incremental Pareto-Coevolution Archive. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 525-36. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020525.htm>.
 - [56] Iorio AW, Li X. A Cooperative Coevolutionary Multiobjective Algorithm Using Non-dominated Sorting. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 537-48. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020537.htm>.
 - [57] Liekens AML, ten Eikelder HMM, Hilbers PAJ. Predicting Genetic Drift in 2x2 Games. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 549-60. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020549.htm>.

- [58] Palacios-Durazo RA, Valenzuela-Rendón M. Similarities Between Co-evolution and Learning Classifier Systems and Their Applications. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 561-72. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020561.htm>.
- [59] Panait L, Wiegand RP, Luke S. A Sensitivity Analysis of a Cooperative Coevolutionary Algorithm Biased for Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 573-84. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020573.htm>.
- [60] Bader-Natal A, Pollack JB. A Population-Differential Method of Monitoring Success and Failure in Coevolution. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 585-6. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020585.htm>.
- [61] Nadimi S, Bhanu B. Cooperative Coevolution Fusion for Moving Object Detection. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 587-9. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020587.htm>.
- [62] Inoue Y, Tohge T, Iba H. Learning to Acquire Autonomous Behavior: Cooperation by Humanoid Robots. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 590-602. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020590.htm>.
- [63] Paine RW, Tani J. Evolved Motor Primitives and Sequences in a Hierarchical Recurrent Neural Network. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 603-14. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020603.htm>.
- [64] Pires EJS, Machado JAT, de Moura Oliveira PB. Robot Trajectory Planning Using Multi-objective Genetic Algorithm Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 615-26. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020615.htm>.
- [65] Tanev I, Ray T, Buller A. Evolution, Robustness, and Adaptation of Sidewinding Locomotion of Simulated Snake-Like Robot. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 627-39. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020627.htm>.
- [66] Maniadakis M, Trahanias P. Evolution Tunes Coevolution: Modelling Robot Cognition Mechanisms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 640-1. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020640.htm>.
- [67] Albrecht AA. On the Complexity to Approach Optimum Solutions by Inhomogeneous Markov Chains. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer

- Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 642-53. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020642.htm>.
- [68] Beyer HG. Actuator Noise in Recombinant Evolution Strategies on General Quadratic Fitness Models. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 654-65. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020654.htm>.
 - [69] Clevenger LM, Hart WE. Convergence Examples of a Filter-Based Evolutionary Algorithm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 666-77. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020666.htm>.
 - [70] Delbem ACB, de Carvalho A, Policastro CA, Pinto AKO, Honda K, Garcia AC. Node-Depth Encoding for Evolutionary Algorithms Applied to Network Design. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 678-87. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020678.htm>.
 - [71] Jin Y, Sendhoff B. Reducing Fitness Evaluations Using Clustering Techniques and Neural Network Ensembles. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 688-99. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020688.htm>.
 - [72] Mezura-Montes E, Coello CAC. An Improved Diversity Mechanism for Solving Constrained Optimization Problems Using a Multimembered Evolution Strategy. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 700-12. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020700.htm>.
 - [73] Neumann F, Wegener I. Randomized Local Search, Evolutionary Algorithms, and the Minimum Spanning Tree Problem. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 713-24. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020713.htm>.
 - [74] Rowe JE, zena Hidović D. An Evolution Strategy Using a Continuous Version of the Gray-Code Neighbourhood Distribution. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 725-36. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020725.htm>.
 - [75] Shu LS, Ho SJ, Ho SY, Chen JH, Hung MH. A Novel Multi-objective Orthogonal Simulated Annealing Algorithm for Solving Multi-objective Optimization Problems with a Large Number of Parameters. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 737-47. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020737.htm>.
 - [76] Storch T. On the Choice of the Population Size. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 748-60. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020748.htm>.

- [77] Witt C. An Analysis of the (1+1) EA on Simple Pseudo-Boolean Functions. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 761-73. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020761.htm>.
- [78] Yanai K, Iba H. Program Evolution by Integrating EDP and GP. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 774-85. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020774.htm>.
- [79] Berlik S. A Step Size Preserving Directed Mutation Operator. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 786-7. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020786.htm>.
- [80] Grosan C. A Comparison of Several Algorithms and Representations for Single Objective Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 788-9. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020788.htm>.
- [81] Jakob W, Blume C, Bretthauer G. Towards a Generally Applicable Self-Adapting Hybridization of Evolutionary Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 790-1. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020790.htm>.
- [82] Keymeulen D, Zebulum R, Duong V, Guo X, Ferguson I, Stoica A. High Temperature Experiments for Circuit Self-Recovery. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 792-803. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020792.htm>.
- [83] Rieffel J, Pollack J. The Emergence of Ontogenic Scaffolding in a Stochastic Development Environment. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 804-15. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020804.htm>.
- [84] Thoma Y, Sanchez E. A Reconfigurable Chip for Evolvable Hardware. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 816-27. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020816.htm>.
- [85] Aguilar-Ruiz J, Bacardit J, Divina F. Experimental Evaluation of Discretization Schemes for Rule Induction. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 828-39. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020828.htm>.
- [86] Ahn CW, Ramakrishna RS, Goldberg DE. Real-Coded Bayesian Optimization Algorithm: Bringing the Strength of BOA into the Continuous World. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 840-51. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020840.htm>.

- [87] Alba E, Chicano JF. Training Neural Networks with GA Hybrid Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 852-63. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020852.htm>.
- [88] Alba E, Luque G. Growth Curves and Takeover Time in Distributed Evolutionary Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 864-76. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020864.htm>.
- [89] Apornetewan C, Chongstitvatana P. Simultaneity Matrix for Solving Hierarchically Decomposable Functions. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 877-88. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020877.htm>.
- [90] Araujo L, Luque G, Alba E. Metaheuristics for Natural Language Tagging. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 889-900. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020889.htm>.
- [91] Ballester PJ, Carter JN. An Effective Real-Parameter Genetic Algorithm with Parent Centric Normal Crossover for Multimodal Optimisation. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 901-13. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020901.htm>.
- [92] Bassett JK, Potter MA, Jong KAD. Looking Under the EA Hood with Price’s Equation. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 914-22. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020914.htm>.
- [93] Branke J, Kamper A, Schmeck H. Distribution of Evolutionary Algorithms in Heterogeneous Networks. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 923-34. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020923.htm>.
- [94] Buyukbozkirli B, Goodman ED. A Statistical Model of GA Dynamics for the OneMax Problem. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 935-46. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020935.htm>.
- [95] Cantú-Paz E. Adaptive Sampling for Noisy Problems. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 947-58. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020947.htm>.
- [96] Cantú-Paz E. Feature Subset Selection, Class Separability, and Genetic Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 959-70. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020959.htm>.

- [97] ping Chen Y, Goldberg DE. Introducing Subchromosome Representations to the Linkage Learning Genetic Algorithm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 971-82. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020971.htm>.
- [98] Cheng CD, Kosorukoff A. Interactive One-Max Problem Allows to Compare the Performance of Interactive and Human-Based Genetic Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 983-93. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020983.htm>.
- [99] Choi SS, Moon BR. Polynomial Approximation of Survival Probabilities Under Multi-point Crossover. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 994-1005. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31020994.htm>.
- [100] Chow R. Genotype to Phenotype Mappings with a Multiple-Chromosome Genetic Algorithm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1006-17. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021006.htm>.
- [101] Chrysomalakos C, Stephens CR. What Basis for Genetic Dynamics? In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1018-29. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021018.htm>.
- [102] de Jong ED, Thierens D. Exploiting Modularity, Hierarchy, and Repetition in Variable-Length Problems. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1030-41. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021030.htm>.
- [103] Deb K, Gupta NK. Optimal Operating Conditions for Overhead Crane Maneuvering Using Multi-objective Evolutionary Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1042-53. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021042.htm>.
- [104] Deb K, Pal K. Efficiently Solving: A Large-Scale Integer Linear Program Using a Customized Genetic Algorithm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1054-65. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021054.htm>.
- [105] Dicke E, Byde A, Layzell P, Cliff D. Using a Genetic Algorithm to Design and Improve Storage Area Network Architectures. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1066-77. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021066.htm>.
- [106] Dozier G, Cunningham H, Britt W, Zhang F. Distributed Constraint Satisfaction, Restricted Recombination, and Hybrid Genetic Search. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p.

- 1078-87. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021078.htm>.
- [107] Droste S. Analysis of the $(1 + 1)$ EA for a Noisy OneMax. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1088-99. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021088.htm>.
 - [108] Fischer S. A Polynomial Upper Bound for a Mutation-Based Algorithm on the Two-Dimensional Ising Model. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1100-12. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021100.htm>.
 - [109] Fischer S, Wegener I. The Ising Model on the Ring: Mutation Versus Recombination. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1113-24. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021113.htm>.
 - [110] Garibay II, Garibay OO, Wu AS. Effects of Module Encapsulation in Repetitively Modular Genotypes on the Search Space. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1125-37. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021125.htm>.
 - [111] Giacobini M, Alba E, Tettamanzi A, Tomassini M. Modeling Selection Intensity for Toroidal Cellular Evolutionary Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1138-49. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021138.htm>.
 - [112] Gomez J. Evolution of Fuzzy Rule Based Classifiers. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1150-61. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021150.htm>.
 - [113] Gomez J. Self Adaptation of Operator Rates in Evolutionary Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1162-73. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021162.htm>.
 - [114] Grahl J, Rothlauf F. PolyEDA: Combining Estimation of Distribution Algorithms and Linear Inequality Constraints. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1174-85. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021174.htm>.
 - [115] Grajdeanu A, Jong KD. Improving the Locality Properties of Binary Representations. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1186-96. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021186.htm>.

- [116] Greene WA. Schema Disruption in Chromosomes That Are Structured as Binary Trees. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1197-207. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021197.htm>.
- [117] Howard B, Sheppard J. The Royal Road Not Taken: A Re-examination of the Reasons for GA Failure on R1. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1208-19. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021208.htm>.
- [118] Hu J, Goodman E. Robust and Efficient Genetic Algorithms with Hierarchical Niching and a Sustainable Evolutionary Computation Model. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1220-32. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021220.htm>.
- [119] Huang CF, Rocha LM. A Systematic Study of Genetic Algorithms with Genotype Editing. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1233-45. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021233.htm>.
- [120] Ishibuchi H, Narukawa K. Some Issues on the Implementation of Local Search in Evolutionary Multiobjective Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1246-58. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021246.htm>.
- [121] Ishibuchi H, Shibata Y. Mating Scheme for Controlling the Diversity-Convergence Balance for Multiobjective Optimization. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1259-71. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021259.htm>.
- [122] Julstrom BA. Encoding Bounded-Diameter Spanning Trees with Permutations and with Random Keys. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1272-81. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021272.htm>.
- [123] Julstrom BA, Antoniadis A. Three Evolutionary Codings of Rectilinear Steiner Arborescences. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1282-91. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021282.htm>.
- [124] Jung S, Moon BR. Central Point Crossover for Neuro-genetic Hybrids. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1292-303. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021292.htm>.
- [125] Klau GW, Ljubic I, Moser A, Mutzel P, Neuner P, Pferschy U, et al. Combining a Memetic Algorithm with Integer Programming to Solve the Prize-Collecting Steiner Tree Problem. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary

- Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1304-15. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021304.htm>.
- [126] Langeheine J, Trefzer M, Brüderle D, Meier K, Schemmel J. On the Evolution of Analog Electronic Circuits Using Building Blocks on a CMOS FFTA. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1316-27. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021316.htm>.
 - [127] Lima CF, Lobo FG. Parameter-Less Optimization with the Extended Compact Genetic Algorithm and Iterated Local Search. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1328-39. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021328.htm>.
 - [128] Lunacek M, Whitley D, Gabriel P, Stephens G. Comparing Search Algorithms for the Temperature Inversion Problem. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1340-51. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021340.htm>.
 - [129] Menon A. Inequality’s Arrow: The Role of Greed and Order in Genetic Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1352-64. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021352.htm>.
 - [130] Miles C, Louis SJ, Drewes R. Trap Avoidance in Strategic Computer Game Playing with Case Injected Genetic Algorithms. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1365-76. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021365.htm>.
 - [131] Moraglio A, Poli R. Topological Interpretation of Crossover. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1377-88. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021377.htm>.
 - [132] Mumford CL. Simple Population Replacement Strategies for a Steady-State Multi-objective Evolutionary Algorithm. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1389-400. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021389.htm>.
 - [133] Nasraoui O, Rojas C, Cardona C. Dynamic and Scalable Evolutionary Data Mining: An Approach Based on a Self-Adaptive Multiple Expression Mechanism. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1401-13. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021401.htm>.
 - [134] Nicolau M, Ryan C. Crossover, Population Dynamics, and Convergence in the GAuGE System. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1414-25. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021414.htm>.

- [135] Ohnishi K, Sastry K, Chen YP, Goldberg DE. Inducing Sequentiality Using Grammatical Genetic Codes. In: Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, et al., editors. Genetic and Evolutionary Computation – GECCO-2004, Part I. vol. 3102 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag; 2004. p. 1426-37. Available from: <http://link.springer.de/link/service/series/0558/bibs/3102/31021426.htm>.