

Список литературы

- [1] Heckendorn, R. B, ed. (2001) (San Francisco, California, USA).
- [2] Ficici, S. G & Pollack, J. B. (2001) *Game Theory and the Simple Coevolutionary Algorithm: Some Results on Fitness Sharing* eds. Belew, R. K & Juillè, H. (San Francisco, California, USA), pp. 2–7.
- [3] Kim, J. T. (2001) *Fitness Costs of Mutation Rate Adaptation: A Factor in Coevolution and its Effects in Dynamic Fitness Landscapes* eds. Belew, R. K & Juillè, H. (San Francisco, California, USA), pp. 8–13.
- [4] Lubberts, A & Miikkulainen, R. (2001) *Co-Evolving a Go-Playing Neural Network* eds. Belew, R. K & Juillè, H. (San Francisco, California, USA), pp. 14–19.
- [5] Pagie, L & Mitchell, M. (2001) *A Comparison of Evolutionary and Coevolutionary Search* eds. Belew, R. K & Juillè, H. (San Francisco, California, USA), pp. 20–25.
- [6] Branke, J. (2001) *Evolutionary Approaches to Dynamic Optimization Problems* eds. Branke, J & Bäck, T. (San Francisco, California, USA), pp. 27–30.
- [7] Ronnewinkel, C & Martinez, T. (2001) *Explicit Speciation with few a priori Parameters for Dynamic Optimization Problems* eds. Branke, J & Bäck, T. (San Francisco, California, USA), pp. 31–34.
- [8] van Hemert, J, Van Hoyweghen, C, Lukshandl, E, & Verbeeck, K. (2001) *A Futurist Approach to Dynamic Environments* eds. Branke, J & Bäck, T. (San Francisco, California, USA), pp. 35–38.
- [9] Snoek, M. (2001) *Anticipation Optimization in Dynamic Job Shops* eds. Branke, J & Bäck, T. (San Francisco, California, USA), pp. 43–46.
- [10] Yamasaki, K. (2001) *Dynamic Pareto Optimum GA Against the Changing Environments* eds. Branke, J & Bäck, T. (San Francisco, California, USA), pp. 47–50.
- [11] Berro, A & Duthen, Y. (2001) *Search for Optimum in Dynamic Environment a Efficient Agent-based Method* eds. Branke, J & Bäck, T. (San Francisco, California, USA), pp. 51–54.
- [12] Burns, S. A. (2001) *Frame Structures with Many Locally Minimum-weight Designs* ed. Burns, S. (San Francisco, California, USA), pp. 56–61.
- [13] Khajepour, S & Grierson, D. E. (2001) *Conceptual Design Using Adaptive Computing* ed. Burns, S. (San Francisco, California, USA), pp. 62–67.
- [14] Raich, A. M. (2001) *Evolving Structural Design Solutions for Unstructured Problem Domains* ed. Burns, S. (San Francisco, California, USA), pp. 68–72.
- [15] Schinler, D & Foley, C. M. (2001) *An Object-oriented Evolutionary Algorithm for Automated Advanced Analysis Based Design* ed. Burns, S. (San Francisco, California, USA), pp. 73–78.
- [16] Koumoussis, V. K & Dimou, C. K. (2001) *Genetic Algorithms in a Competitive Environment with Application to Reliability Optimal Design* ed. Burns, S. (San Francisco, California, USA), pp. 79–84.
- [17] Hajel, P & Yoo, J. (2001) *GA Based Fuzzy Optimization for Nonconvex Pareto Surfaces* ed. Burns, S. (San Francisco, California, USA), pp. 85–90.
- [18] Furuta, H, Hirokane, M, & Harakawa, K. (2001) *Application of Genetic Algorithms and Rough Sets to Data Mining for Integrity Assessment of Bridge Structures* ed. Burns, S. (San Francisco, California, USA), pp. 91–96.
- [19] Lucas, W. K & Havey, T. (2001) *Guidelines for Economical Concrete Floor Systems Established Using Adaptive Simulated Annealing* ed. Burns, S. (San Francisco, California, USA), pp. 97–101.

- [20] Erbatur, F & Hasançebi, O. (2001) *Layout Optimization Using GAs and SA* ed. Burns, S. (San Francisco, California, USA), pp. 102–107.
- [21] Chan, C.-M & Liu, P. (2001) *Structural Optimization Using Hybrid Genetic Algorithm* ed. Burns, S. (San Francisco, California, USA), pp. 108–113.
- [22] Cowling, P & Kendall, G. (2001) *The Next Ten Years of Scheduling Research* eds. Cowling, P & Kendall, G. (San Francisco, California, USA), p. 115.
- [23] Smith, S. (2001) *Is Scheduling a Solved Problem?* eds. Cowling, P & Kendall, G. (San Francisco, California, USA), pp. 116–120.
- [24] Merkle, D & Middendorf, M. (2001) *Prospects for Dynamic Algorithm Control: Lessons from the Phase Structure of Ant Scheduling Algorithms* eds. Cowling, P & Kendall, G. (San Francisco, California, USA), pp. 121–126.
- [25] Le Pape, C. (2001) *Integrating Operations Research Algorithms in Constraint-Based Scheduling: Some Research Directions* eds. Cowling, P & Kendall, G. (San Francisco, California, USA), pp. 127–131.
- [26] Montana, D. (2001) *Optimized Scheduling for the Masses* eds. Cowling, P & Kendall, G. (San Francisco, California, USA), pp. 132–136.
- [27] Hart, W, Krasnogor, N, & Smith, J. (2001) *2nd Workshop on Memetic Algorithms: WOMA2001* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 138–139.
- [28] Areibi, S. (2001) *Memetic Algorithms for VLSI Physical Design: Implementation Issues* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 140–145.
- [29] Estivil-Castro, V & Torres-Velazques, R. (2001) *How Should Feasibility be Handled by Genetic Algorithms on Constraint Combinatorial Optimization Problems: The Case of the Valued N-queen Problem* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 146–151.
- [30] Hodgson, R. J. W. (2001) *Memetic Algorithm Approach to Thin-Film Optical Coating Design* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 152–157.
- [31] Kilic, A & Kaya, M. (2001) *A New Local Search Algorithm Based on Genetic Algorithms for the N-queen Problem* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 158–161.
- [32] Knowles, J. D & Corne, D. W. (2001) *A Comparative Assessment of Memetic, Evolutionary, and Constructive Algorithms for the Multiobjective d-MST Problem* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 162–167.
- [33] Merz, P. (2001) *On the Performance of Memetic Algorithms in Combinatorial Optimization* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 168–173.
- [34] Roos, R. S. (2001) *Parameter Relaxation Methods in Memetic Algorithms* eds. Hart, W, Krasnogor, N, & Smith, J. (San Francisco, California, USA), pp. 174–179.
- [35] Kadrovach, B. A, Michaud, S. R, Zydallis, J. B, Lamont, G. B, Secrest, B, & Strong, D. (2001) *Extending the Simple Genetic Algorithm into Multi-Objective Problems via Mendelian Pressure* ed. Kargupta, H. (San Francisco, California, USA), pp. 181–188.
- [36] Kargupta, H. (2001) *Towards Machine Learning Through Genetic Code-Like Transformations* ed. Kargupta, H. (San Francisco, California, USA), pp. 189–198.
- [37] Lones, M. A & Tyrrell, A. M. (2001) *Biomimetic Representation in Genetic Programming* ed. Kargupta, H. (San Francisco, California, USA), pp. 199–204.
- [38] Soule, T & Ball, A. E. (2001) *A Genetic Algorithm with Multiple Reading Frames* ed. Kargupta, H. (San Francisco, California, USA), p. 205.

- [39] Kennedy, P. J. (2001) *Tempered Phenotypes: Relaxing the Mapping Between Geneotype and Phenotype* ed. Kargupta, H. (San Francisco, California, USA), p. 206.
- [40] Bosman, P. A. N & Thierens, D. (2001) *Advancing Continuous IDEAs with Mixture Distributions and Factorization Selection Metrics*. (San Francisco, California, USA), pp. 208–212.
- [41] Cantú-Paz, E. (2001) *Supervised and Unsupervised Discretization Methods for Evolutionary Algorithms*. (San Francisco, California, USA), pp. 213–216.
- [42] Pelikan, M & Goldberg, D. E. (2001) *Hierarchical Bayesian Optimization Algorithm = Bayesian Optimization Algorithm + Niching + Local Structures*. (San Francisco, California, USA), pp. 217–221.
- [43] Sastry, K. (2001) *Efficient Cluster Optimization Using Extended Compact Genetic Algorithm with Seeded Population*. (San Francisco, California, USA), pp. 222–225.
- [44] Soukhal, A, Monmarché, N, Laügt, D, & Slimane, M. (2001) *How Hidden Markov Models Can Help Artificial Ants to Optimize*. (San Francisco, California, USA), pp. 226–229.
- [45] Tsutsui, S, Pelikan, M, & Goldberg, D. E. (2001) *Evolutionary Algorithm Using Marginal Histogram in Continuous Domain*. (San Francisco, California, USA), pp. 230–233.
- [46] Polani, D, Uthmann, T, & Dautenhahn, K. (2001) *GECCO Birds-of-a-Feather Workshop on Evolution of Sensors in Nature, Hardware, and Simulation* eds. Polani, D, Uthmann, T, & Dautenhahn, K. (San Francisco, California, USA), p. 235.
- [47] Howe, J. G & Belew, R. K. (2001) *Developmental Invariants in the Evolution of Agents with Multiple Sensors* eds. Polani, D, Uthmann, T, & Dautenhahn, K. (San Francisco, California, USA), pp. 236–240.
- [48] Polani, D, Martinetz, T, & Kim, J. (2001) *An Information-Theoretic Approach for the Quantification of Relevance* eds. Polani, D, Uthmann, T, & Dautenhahn, K. (San Francisco, California, USA), pp. 241–245.
- [49] Jung, T, Dauscher, P, & Uthmann, T. (2001) *On Individual Learning, Evolution of Sensors and Relevant Information* eds. Polani, D, Uthmann, T, & Dautenhahn, K. (San Francisco, California, USA), pp. 246–254.
- [50] Julstrom, B. A. (2001) *The Blob Code: A Better String Coding of Spanning Trees for Evolutionary Search* ed. Rothlauf, F. (San Francisco, California, USA), pp. 256–261.
- [51] Rothlauf, F, Goldberg, D. E, & Heinzl, A. (2001) *On the Debate Concerning Evolutionary Search Using Prüfer Numbers* ed. Rothlauf, F. (San Francisco, California, USA), pp. 262–267.
- [52] Edelson, W & Gargano, M. L. (2001) *Leaf Constrained Minimal Spanning Trees Solved by a GA with Feasible Encodings* ed. Rothlauf, F. (San Francisco, California, USA), pp. 268–271.
- [53] Krommenacker, N, Divoux, T, & Rondeau, E. (2001) *Configuration of Network Architectures for Co-operative Systems by Genetic Algorithms* ed. Rothlauf, F. (San Francisco, California, USA), pp. 272–275.
- [54] Monakhov, O & Monakhova, E. (2001) *Automatic Design of Families of Optimal Circulant Networks Using Evolutionary Computation* ed. Rothlauf, F. (San Francisco, California, USA), pp. 276–281.
- [55] Floriani, L, Caminada, A, & Ferreira, A. (2001) *Principal Component Analysis for Data Volume Reduction in Experimental Analysis of Heuristics* eds. Roy, R, Jared, G, Tiwari, A, & Munaux, O. (San Francisco, California, USA), pp. 283–288.
- [56] Tiwari, A, Roy, R, Jared, G, & Munaux, O. (2001) *Challenges in Real-life Engineering Design Optimisation: An Analysis* eds. Roy, R, Jared, G, Tiwari, A, & Munaux, O. (San Francisco, California, USA), pp. 289–294.

- [57] Raich, A. M & Ghaboussi, J. (2001) *Optimizing Design Solutions by Changing the Design Environment during Evolution* eds. Roy, R, Jared, G, Tiwari, A, & Munaux, O. (San Francisco, California, USA), pp. 295–300.
- [58] Williams, W. (2001) *Adapting Product Development with Metaheuristics* eds. Roy, R, Jared, G, Tiwari, A, & Munaux, O. (San Francisco, California, USA), pp. 301–306.
- [59] Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (2001) *Proceedings of the EcoMAS Workshop: Forward* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), p. 308a.
- [60] Defaweux, A, Lenaerts, T, Maes, S, Manderick, B, Tuyls, A. N. K, van Remortel, P, & Verbeeck, K. (2001) *Niching and Evolutionary Transitions in MAS* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), pp. 309–312.
- [61] Degeratu, M, Pant, G, & Menczer, F. (2001) *Latency-dependent Fitness in Evolutionary Multithreaded Web Agents* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), pp. 313–316.
- [62] Nawa, N. E, Shimohara, K, & Katai, O. (2001) *Does Diversity Lead to Morality? On the Evolution of Strategies in a 3-Agent Alternating-Offers Bargaining Model* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), pp. 317–320.
- [63] Sauter, J, Van Dyke Parunak, H, Brueckner, S, & Matthews, R. (2001) *Tuning Synthetic Pheromones with Evolutionary Computing* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), pp. 321–324.
- [64] Warrender, C, Forrest, S, & Segel, L. (2001) *Effective Feedback in the Immune System* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), pp. 325–328.
- [65] Walker, S. S, Brennan, R. W, & Norrie, D. H. (2001) *Demonstrating Emergent Intelligence: An Evolutionary Multi-Agent System for Job Shop Scheduling* eds. Smith, R. E, Bonacina, C, Hoile, C, & Marrow, P. (San Francisco, California, USA), pp. 329–332.
- [66] Poli, R & Stephens, C. (2001) *Dynamics of Evolutionary Algorithms: A Panel Discussion* eds. Stephens, C & Poli, R. (San Francisco, California, USA), p. 334.
- [67] Lanzi, P. L, Stolzmann, W, & Wilson, S. W. (2001) *Fourth International Workshop on Learning Classifier Systems - IW LCS-2001*. (San Francisco, California, USA), p. 336.
- [68] Bernado, E, Llorca, X, & Garrell, J. M. (2001) *XCS and GALE: a Comparative Study of Two Learning Classifier Systems with Six Other Learning Algorithms on Classification Tasks*. (San Francisco, California, USA), pp. 337–341.
- [69] Davis, L, Fu, C, & Wilson, S. W. (2001) *An Incremental Multiplexer Problem and its Uses in Classifier System Research*. (San Francisco, California, USA), pp. 342–344.
- [70] Dixon, P. W, Corne, D. W, & Oates, M. J. (2001) *A Preliminary Investigation of Modified XCS as a Generic Data Mining Tool*. (San Francisco, California, USA), pp. 345–350.
- [71] Enee, G & Escasut, C. (2001) *A Minimal Model of Communication for a Multi-Agent Classifier System*. (San Francisco, California, USA), pp. 351–356.
- [72] Hurst, J & Bull, L. (2001) *A Self-Adaptive XCS*. (San Francisco, California, USA), pp. 357–361.
- [73] Hercog, L. M & Fogarty, T. C. (2001) *Social Simulation using a Multi-Agent Model Based on Classifier Systems: The Emergence of Vacillating Behaviour in "El Farol" Bar Problem*. (San Francisco, California, USA), pp. 362–366.
- [74] Kovacs, T. (2001) *Two Views of Classifier Systems*. (San Francisco, California, USA), pp. 367–371.
- [75] Vargas, P. A, Von Zuben, F. J, & Filho, C. L. (2001) *Classifier Systems for Loss Reduction on Electric Power Distribution Networks*. (San Francisco, California, USA), pp. 372–376.

- [76] Butz, M. V. (2001) *Model Exploitation for Faster Model Learning in an Anticipatory Learning Classifier System*. (San Francisco, California, USA), pp. 377–378.
- [77] Holmes, J. H. (2001) *A Representation for Accuracy-based Assessment of Classifier Performance*. (San Francisco, California, USA), pp. 379–380.
- [78] Schulenburg, S & Ross, P. (2001) *An LCS Approach to Increasing Returns: On Market Efficiency and Evolution*. (San Francisco, California, USA), p. 381.
- [79] Schulenburg, S & Ross, P. (2001) *An LCS Approach to Increasing Returns: Exploring Information Sets and Rule Complexity*. (San Francisco, California, USA), pp. 382–383.
- [80] Abou-Assaleh, T, Zhang, J, & Cercone, N. (2001) *Evolution of Recurrent Neural Networks to Control Autonomous Life Agents* ed. Ryan, C. (San Francisco, California, USA), pp. 385–388.
- [81] Anbarasu, L. A. (2001) *Parallel Genetic Algorithm for Multiple Sequence Alignment Problem* ed. Ryan, C. (San Francisco, California, USA), pp. 389–392.
- [82] Ang, K. H & Li, Y. (2001) *Multi-Objective Benchmark Studies for Evolutionary Computation* ed. Ryan, C. (San Francisco, California, USA), pp. 393–396.
- [83] Bot, M. C. (2001) *Feature Extraction for the k-Nearest Neighbour Classifier with Genetic Programming* ed. Ryan, C. (San Francisco, California, USA), pp. 397–400.
- [84] Carvalho, D. R & Freitas, A. A. (2001) *An Immunological Algorithm for Discovering Small-disjunct Rules in Data Mining* ed. Ryan, C. (San Francisco, California, USA), pp. 401–404.
- [85] Correa, E. S. (2001) *A Genetic Algorithm for the P-median Problem* ed. Ryan, C. (San Francisco, California, USA), pp. 405–408.
- [86] Ekman, M & Nordin, P. (2001) *Evolvable Hardware using State-machines* ed. Ryan, C. (San Francisco, California, USA), pp. 409–412.
- [87] Hemberg, M & O'Reilly, U.-M. (2001) *GENR8 - A Design Tool for Surface Generation* ed. Ryan, C. (San Francisco, California, USA), pp. 413–416.
- [88] Jin, H.-D. (2001) *Genetic-guided Model-based Clustering Algorithms and Their Scalability* ed. Ryan, C. (San Francisco, California, USA), pp. 417–420.
- [89] Li, J & Kwan, R. S. K. (2001) *Evolutionary Driver Scheduling with Fuzzy Evaluation* ed. Ryan, C. (San Francisco, California, USA), pp. 421–424.
- [90] Lones, M. A & Tyrrell, A. M. (2001) *Pathways into Genetic Programming* ed. Ryan, C. (San Francisco, California, USA), pp. 425–428.
- [91] Monett, D. (2001) *On the Automation of Evolutionary Techniques and Their Application to Inverse Problems from Chemical Kinetics* ed. Ryan, C. (San Francisco, California, USA), pp. 429–432.
- [92] Parker, J. S & Moore, J. H. (2001) *Dynamics Based Pattern Recognition and Parallel Genetic Algorithms for the Analysis of Multivariate Gene Expression Data* ed. Ryan, C. (San Francisco, California, USA), pp. 433–436.
- [93] Reimann, M. (2001) *On Some Ideas of Multi-colony Ant Approaches* ed. Ryan, C. (San Francisco, California, USA), pp. 437–440.
- [94] Scholoman, J & Blackford, B. (2001) *Genetic Programming Evolves a Human-Competitive Player for a Complex, On-line, Interactive, Multi-Player Game of Strategy* ed. Ryan, C. (San Francisco, California, USA), pp. 441–444.
- [95] Sehitoglu, O. T. (2001) *A Concurrent Constraint Programming Approach to Genetic Algorithms* ed. Ryan, C. (San Francisco, California, USA), pp. 445–448.

- [96] Soute, I. A. C, van de Molengraft, M. J. G, & Angelis, G. Z. (2001) *Using Genetic Programming to Find Lyapunov Functions* ed. Ryan, C. (San Francisco, California, USA), pp. 449–452.
- [97] Wallin, D. (2001) *Adaptation of Hyper Objects for Classification* ed. Ryan, C. (San Francisco, California, USA), pp. 453–456.