

## Список литературы

- [1] D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, editors, *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, IEEE Press, 2002.
- [2] A. MEADE, D. CORNE, and R. SIBLY, Discovering Patterns in Microsatellite Flanks with Evolutionary Computation by Evolving Discriminatory DNA Motifs, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1–6, IEEE Press, 2002.
- [3] S. J. ANASTASOFF, The Presence of Old Alus in GC-Rich Regions of the Human Genome - A Genetic Algorithm Perspective, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 7–12, IEEE Press, 2002.
- [4] D. ASHLOCK, A. WITTRICK, and T.-J. WEN, Training Finite State Machines to Improve PCR Primer Design, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 13–18, IEEE Press, 2002.
- [5] N. MATSUMARU, S. COLOMBANO, and K.-P. ZAUNER, Scouting Enzyme Behavior, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 19–24, IEEE Press, 2002.
- [6] G. G. YEN and H. LU, Hierarchical Rank Density Genetic Algorithm for Radial-Basis Function Neural Network Design, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 25–30, IEEE Press, 2002.
- [7] K. C. TAN, K. SENGUPTA, T. H. LEE, and R. SATHIKANNAN, Autonomous Registration of Disparate Spatial Data Via an Evolutionary Algorithm Toolbox, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 31–36, IEEE Press, 2002.
- [8] R. THOMSON and T. ARSLAN, An Evolutionary Algorithm for the Multi-objective Optimisation of VLSI Primitive Operator Filters, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 37–42, IEEE Press, 2002.
- [9] J. GAN and K. WARWICK, Modelling Niches of Arbitrary Shape in Genetic Algorithms using Niche Linkage in the Dynamic Niche Clustering Framework, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 43–48, IEEE Press, 2002.
- [10] J. HU and E. D. GOODMAN, The Hierarchical Fair Competition (HFC) Model for Parallel Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 49–54, IEEE Press, 2002.
- [11] S. DROSTE, Analysis of the (1+1) EA for a Dynamically Changing OneMax-Variant, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 55–60, IEEE Press, 2002.
- [12] K. DEB, D. JOSHI, and A. ANAND, Real-Coded Evolutionary Algorithms with Parent-Centric Recombination, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 61–66, IEEE Press, 2002.

- [13] V. CIESIELSKI and D. MAWHINNEY, Prevention of Early Convergence in Genetic Programming by Replacement of Similar Programs, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 67–72, IEEE Press, 2002.
- [14] F. TANAKA, M. NAKATSUGAWA, M. YAMAMOTO, T. SHIBA, and A. OHUCHI, Towards a General-Purpose Sequence Design System in DNA Computing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 73–78, IEEE Press, 2002.
- [15] S.-Y. SHIN, D.-M. KIM, I.-H. LEE, and B.-T. ZHANG, Evolutionary Sequence Generation for Reliable DNA Computing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 79–84, IEEE Press, 2002.
- [16] M. YAMAMOTO, A. KAMEDA, N. MATSUURA, T. SHIBA, and A. OHUCHI, Simulation Analysis of Hybridization Process for DNA Computing with Concentration Control, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 85–90, IEEE Press, 2002.
- [17] M. NAKATSUGAWA, M. YAMAMOTO, T. SHIBA, and A. OHUCHI, Design of a PCR Protocol for Improving Reliability of PCR in DNA Computing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 91–96, IEEE Press, 2002.
- [18] L. COSTA and P. OLIVEIRA, An Evolution Strategy for Multiobjective Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 97–102, IEEE Press, 2002.
- [19] D. J. CASWELL and G. B. LAMONT, Wire-Antenna Geometry Design with Multiobjective Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 103–108, IEEE Press, 2002.
- [20] K. SOCHA and M. KISIEL-DOROHINICKI, Agent-based Evolutionary Multiobjective Optimisation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 109–114, IEEE Press, 2002.
- [21] W. PULLAN, Optimising Multiple Aspects of Network Survivability, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 115–120, IEEE Press, 2002.
- [22] R. THOMSEN, G. B. FOGEL, and T. KRINK, A Clustal Alignment Improver Using Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 121–126, IEEE Press, 2002.
- [23] R. O. DAY, J. B. ZYDALLIS, G. LAMONT, and R. PACTER, Analysis of Fine Granularity and Building Block Sizes in the Parallel Fast Messy GA, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 127–132, IEEE Press, 2002.
- [24] J. J. ROWLAND and J. TAYLOR, Adaptive Denoising in Spectral Analysis by Genetic Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 133–138, IEEE Press, 2002.

- [25] L. G. VOLKERT, Levels of Adaptation: Insights into Survival in Dynamic Environments, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 139–144, IEEE Press, 2002.
- [26] C. N. BENDTSEN and T. KRINK, Dynamic Memory Model for Non-Stationary Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 145–150, IEEE Press, 2002.
- [27] S. D. MUELLER, N. N. SCHRAUDOLPH, and P. D. KOUMOUTSAKOS, Step Size Adaptation in Evolution Strategies using Reinforcement Learning, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 151–156, IEEE Press, 2002.
- [28] J. WILES and B. TONKES, Visualisation of Hierarchical Cost Surfaces for Evolutionary Computing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 157–162, IEEE Press, 2002.
- [29] S.-I. LEE and S.-B. CHO, Measuring Evolvability in Evolutionary Robotics, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 163–168, IEEE Press, 2002.
- [30] K. C. TSUI and J. LIU, Evolutionary Diffusion Optimization, Part I: Description of the Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 169–174, IEEE Press, 2002.
- [31] A. MADUREIRA, C. RAMOS, and S. DO CARMO SILVA, A Coordination Mechanism for Real World Scheduling Problems Using Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 175–180, IEEE Press, 2002.
- [32] J. KACPRZYK and G. SZKATULA, An Integer Programming Approach to Inductive Learning Using Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 181–186, IEEE Press, 2002.
- [33] W. H. LAND, JR., M. BRYDEN, D. W. MCKEE, J. Y. LO, and F. R. ANDERSON, Performance Tradeoff Between Evolutionary Computation (EC)/Adaptive Boosting (AB) Hybrid and Support Vector Machine Breast Cancer Classification Paradigms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 187–192, IEEE Press, 2002.
- [34] M. WATTS, L. MAJOR, and W. TATE, Evolutionary Optimisation of MLP for Modeling Protein Synthesis Termination Signal Efficiency, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 193–198, IEEE Press, 2002.
- [35] D. LANDAVAZO and G. B. FOGEL, Evolved Neural Networks for Quantitative Structure-Activity Relationships of Anti-HIV Compounds, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 199–204, IEEE Press, 2002.
- [36] N. GEARD, J. WILES, J. HALLINAN, B. TONKES, and B. SKELLETT, A Comparison of Neutral Landscapes - NK, NKp and NKq, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 205–210, IEEE Press, 2002.

- [37] N. GEARD and J. WILES, Diversity Maintenance on Neutral Landscapes - An Argument for Recombination, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 211–213, IEEE Press, 2002.
- [38] A. H. WRIGHT, J. E. ROWE, and J. R. NEIL, Analysis of the Simple Genetic Algorithm on the Single-peak and Double-peak Landscapes, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 214–219, IEEE Press, 2002.
- [39] H.-K. JEONG and S.-Y. OH, Evolutionary Programming Integrating 3-Generation Based Mutation and Local Competition Based Selection, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 220–224, IEEE Press, 2002.
- [40] F. LINDBLAD, P. NORDIN, and K. WOLFF, Evolving 3D model interpretation of images using graphics hardware, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 225–230, IEEE Press, 2002.
- [41] I. DE FALCO, A. D. CIOPPA, and E. TARANTINO, Unsupervised Spectral Pattern Recognition for Multispectral Images by means of a Genetic Programming approach, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 231–236, IEEE Press, 2002.
- [42] T. YUIZONO, Y. WANG, K. SATOH, and S. NAKAYAMA, Study on Individual Recognition for Ear Images by using Genetic Local Search, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 237–242, IEEE Press, 2002.
- [43] A. SONG, V. CIESIELSKI, and H. WILLIAMS, Texture Classifiers Generated by Genetic Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 243–248, IEEE Press, 2002.
- [44] M. CLERGUE and P. COLLARD, GA-Hard Functions Built by Combination of Trap Functions, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 249–254, IEEE Press, 2002.
- [45] T. MAHNIG and H. MUEHLENBEIN, A Comparison of Stochastic Local Search and Population Based Search, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 255–260, IEEE Press, 2002.
- [46] N. G. KIM, J. M. WON, J. S. LEE, and S. W. KIM, Local Convergence Rate of Evolutionary Algorithm with Combined Mutation Operator, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 261–266, IEEE Press, 2002.
- [47] M. IWASHITA and H. IBA, Island Model GP with Immigrants Aging and Depth-Dependent Crossover, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 267–272, IEEE Press, 2002.
- [48] J. M. DAIDA, Limits to Expression in Genetic Programming: Lattice-Aggregate Modeling, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 273–278, IEEE Press, 2002.

- [49] T. P. RUNARSSON and X. YAO, Continuous Selection and Self-Adaptive Evolution Strategies, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 279–284, IEEE Press, 2002.
- [50] M. YASUNAGA, K. USHIYAMA, H. FUJIWARA, I. YOSHIHARA, J. H. KIM, and N. AIBE, An Evolutionary Kernel-Based Reasoning System Using Reconfigurable VLSIs: Its Hardware Prototyping and Application to the Splicing Boundary Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 285–290, IEEE Press, 2002.
- [51] S. ANDO, H. IBA, and E. SAKAMOTO, Modeling Genetic Network by Hybrid GP, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 291–296, IEEE Press, 2002.
- [52] J. LIU and H. IBA, Selecting Informative Genes Using a Multiobjective Evolutionary Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 297–302, IEEE Press, 2002.
- [53] I. ONO, H. FUJIKI, M. OOTSUKA, N. NAKASHIMA, N. ONO, and S. TATE, Global Optimization of Protein 3-Dimensional Structures in NMR by a Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 303–308, IEEE Press, 2002.
- [54] H. D. NGUYEN, I. YOSHIHARA, K. YAMAMORI, and M. YASUNAGA, A Parallel Hybrid Genetic Algorithm for Multiple Protein Sequence Alignment, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 309–314, IEEE Press, 2002.
- [55] S. CHIBA and K. SUGAWARA, Estimation of Protein Function with an Evolutionary Dictionary, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 315–320, IEEE Press, 2002.
- [56] S. MABU, K. HIRASAWA, J. HU, and J. MURATA, Online learning of Genetic Network Programming (GNP), in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 321–326, IEEE Press, 2002.
- [57] J. A. ETZEL, "Marigolds:"An Evolutionary Algorithm Simulation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 327–332, IEEE Press, 2002.
- [58] C. M. JONKER, A. P. G. DE KOCK, J. MEIJER, and B. J. VERMEULEN, Deliberate Evolution Agents: Comparing Reproduction Strategies, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 333–338, IEEE Press, 2002.
- [59] F.-S. HSIEH, Design of Evolvable Manufacturing Processes, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 339–344, IEEE Press, 2002.
- [60] C. CAMBIER, M. PIRON, and A. CARDON, Self-adaptive systems using a Massive Multi-agent system, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 345–350, IEEE Press, 2002.

- [61] A. AL-YAMANI, S. M. SAIT, and H. R. BARADA, HPTS: Heterogeneous Parallel Tabu Search for VLSI Placement, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 351–355, IEEE Press, 2002.
- [62] K. G. KHOO and P. N. SUGANTHAN, Objective Function Decomposition within Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 356–359, IEEE Press, 2002.
- [63] Y. SANO and H. KITA, Optimization of Noisy Fitness Functions by means of Genetic Algorithms using History of Search with Test of Estimation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 360–365, IEEE Press, 2002.
- [64] V. CUTELLO, E. MASTRIANI, and F. PAPPALARDO, An evolutionary algorithm for the T-constrained variation of Minimum Hitting Set Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 366–371, IEEE Press, 2002.
- [65] S. M. SAIT, M. R. MINHAS, and J. A. KHAN, Performance and Low Power Driven VLSI Standard Cell Placement using Tabu Search, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 372–377, IEEE Press, 2002.
- [66] S.-K. OH, C.-Y. LEE, and J.-J. LEE, A New Distributed Evolutionary Algorithm for Optimization in Nonstationary Environments, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 378–383, IEEE Press, 2002.
- [67] Y.-C. LIANG, S. KULTUREL-KONAK, and A. E. SMITH, Meta Heuristics for the Orienteering Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 384–389, IEEE Press, 2002.
- [68] K. RASHEED, X. NI, and S. VATTAM, Comparison of Methods for Developing Dynamic Reduced Models for Design Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 390–395, IEEE Press, 2002.
- [69] B. GREER, H. HAKONEN, R. LAHDELMA, and R. MIIKKULAINEN, Numerical Optimization with Neuroevolution, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 396–401, IEEE Press, 2002.
- [70] A. CINCOTTI, V. CUTELLO, and M. PAVONE, Graph Partitioning with Genetic Algorithms using ODPX, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 402–406, IEEE Press, 2002.
- [71] K. J. KIM and S.-B. CHO, Evolving Speciated Checkers Players with Crowding Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 407–412, IEEE Press, 2002.
- [72] D. SOFGE, K. DE JONG, and A. SCHULTZ, A Blended Population Approach to Cooperative Coevolution for Decomposition of Complex Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 413–418, IEEE Press, 2002.

- [73] T. RAY, Constrained Robust Optimal Design using a Multiobjective Evolutionary Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 419–424, IEEE Press, 2002.
- [74] R. KUMAR, P. P. PARIDA, and M. GUPTA, Topological Design of Communication Networks using Multiobjective Genetic Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 425–430, IEEE Press, 2002.
- [75] A. BAHUMAN, K. RASHEED, and B. BISHOP, An Evolutionary Approach for VLSI Standard Cell Design, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 431–436, IEEE Press, 2002.
- [76] K. SUNG HWANG and S. BAE CHO, Evolving Diverse Hardwares Using Speciated Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 437–442, IEEE Press, 2002.
- [77] C.-C. HSU, W.-Y. WANG, and C.-Y. YU, Genetic Algorithms-Derived Digital Integrators and Their Applications in Discretization of Continuous Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 443–448, IEEE Press, 2002.
- [78] C. K. HO, Y. P. SINGH, and S. W. LEE, Enhancement Of A Genetic Algorithm For Optical Orthogonal Code Design Using Simulated Annealing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 449–453, IEEE Press, 2002.
- [79] H. DE GARIS, Evolvability Limits : A Case Study Concerning the Modular Evolvable Capacities (MECs) of a New Neural Net Model for a Second Generation Brain Building Machine BM2, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 454–459, IEEE Press, 2002.
- [80] J.-H. LEE and S.-B. CHO, Analysis of Direct Manipulation in Interactive Evolutionary Computation on Fitness Landscape, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 460–465, IEEE Press, 2002.
- [81] R. R. CAZANGI and M. FIGUEIREDO, Simultaneous Emergence of Conflicting Basic Behaviors and Their Coordination in an Evolutionary Autonomous Navigation System, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 466–471, IEEE Press, 2002.
- [82] Y. TAKENAKA and A. HASHIMOTO, DNA computing by competitive hybridization for maximum satisfiability problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 472–476, IEEE Press, 2002.
- [83] W. BIN, Z. YI, L. SHAOHUI, and S. ZHONGZHI, CSIM: A Document Clustering Algorithm Based On Swarm Intelligence, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 477–482, IEEE Press, 2002.
- [84] D. H. KIM, W. PYO HONG, and J. I. PARK, Auto-Tuning Of Reference Based PID Controller Using Immune Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 483–488, IEEE Press, 2002.

- [85] B. AL-KAZEMI and C. K. MOHAN, Multi-Phase Generalization of the Particle Swarm Optimization Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 489–494, IEEE Press, 2002.
- [86] A. SUTCLIFFE, W.-C. CHANG, and R. NEVILLE, Optimizing System Requirements with Evolutionary Computation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 495–499, IEEE Press, 2002.
- [87] C. WANG, Y. C. SOH, H. WANG, and H. WANG, A Hierarchical Genetic Algorithm for Path Planning in a Static Environment with Obstacles, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 500–505, IEEE Press, 2002.
- [88] C.-F. TSAI, C.-W. TSAI, and C.-P. CHEN, A Novel Multiple-Searching Genetic Algorithm for Multimedia Multicast Routing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 506–511, IEEE Press, 2002.
- [89] C. WEN and R. C. EBERHART, Genetic Algorithm for Logistics Scheduling Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 512–516, IEEE Press, 2002.
- [90] D. DASGUPTA and A. STOLIARTCHOUK, Evolving PC System Hardware Configurations, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 517–522, IEEE Press, 2002.
- [91] I. WATANABE, K. OKADA, K. ICHI TOKORO, and S. MATSUI, Adaptive Multiagent Model of Electric Power Market with Congestion Management, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 523–528, IEEE Press, 2002.
- [92] A. MORONI, F. VON ZUBEN, J. MANZOLLI, and A. MAMMANA, Capturing Human Judgment to Simulate Objective Function, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 529–534, IEEE Press, 2002.
- [93] J. C. HERNANDEZ, P. ISASI, and A. RIBAGORDA, Easing collision finding in cryptographic primitives with genetic algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 535–539, IEEE Press, 2002.
- [94] B. KIMIAGHALAM, A. HOMAIFAR, M. BIKDASH, and B. SAYYARRODSARI, Genetic Algorithm Based Gain Scheduling, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 540–545, IEEE Press, 2002.
- [95] Y. TSUJIMURA, M. GEN, and A. SYARIF, Solving A Nonlinear Side Constrained Transportation Problem by Using Spanning Tree-based Genetic Algorithm with Fuzzy Logic Controller, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 546–551, IEEE Press, 2002.
- [96] G. DOZIER, A Comparison of Adaptive Virtual Constraint Identification Strategies for Recurrent Dynamic Constraint Satisfaction, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 552–557, IEEE Press, 2002.



- [97] Y. LI and L. KANG, Analysis of Optimal Trajectory on Evolutionary Algorithm and Some Control Strategies, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 558–563, IEEE Press, 2002.
- [98] E. EBERBACH, On Expressiveness of Evolutionary Computation: Is EC Algorithmic?, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 564–569, IEEE Press, 2002.
- [99] K. WILLADSEN and J. WILES, All binary representations are equal: but some are more equal than others, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 570–575, IEEE Press, 2002.
- [100] P. POPELA, J. ROUPEC, P. OSMERA, and R. MATOUSEK, The Formal Stochastic Framework for Comparison of Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 576–581, IEEE Press, 2002.
- [101] A. E. EIBEN and M. JELASITY, A Critical Note on Experimental Research Methodology in EC, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 582–587, IEEE Press, 2002.
- [102] M. COLETTI, A Preliminary Study of Learnable Evolution Methodology implemented with C4. 5, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 588–593, IEEE Press, 2002.
- [103] S.-Y. HO, C.-C. LIU, S. LIU, and J.-W. JOU, Design of an Optimal Nearest Neighbor Classifier Using an Intelligent Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 594–599, IEEE Press, 2002.
- [104] J. WATSON and J. WILES, The rise and fall of learning: A neural network model of the genetic assimilation of acquired traits, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 600–605, IEEE Press, 2002.
- [105] M. WATTS and N. KASABOV, Evolutionary Optimisation of Evolving Connectionist Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 606–610, IEEE Press, 2002.
- [106] M. A. GUINEA, G. GUTIERREZ, I. GALVAN, A. SANCHIS, and J. M. MOLINA, Generative Capacities of Grammars Codification for Evolution of NN Architectures, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 611–616, IEEE Press, 2002.
- [107] P. K. KIM, P. VADAKKEPAT, T.-H. LEE, and X. PENG, Evolution of Control Systems for Mobile Robots, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 617–622, IEEE Press, 2002.
- [108] A. V. E. CONRADIE, R. MIKKULAINEN, and C. ALDRICH, Intelligent Process Control utilising Symbiotic Memetic Neuro-Evolution, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 623–628, IEEE Press, 2002.

- [109] S. E. EKLUND, A Massively Parallel GP Engine in VLSI, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 629–633, IEEE Press, 2002.
- [110] S. Y. CHEN and Y. F. LI, Optimum Viewpoint Planning for Model-Based Robot Vision, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 634–639, IEEE Press, 2002.
- [111] K. MORI, S. NISHI, T. FUCHIDA, and S. MURASHIMA, Two Dimensional Resolution Improvement of Frame Images by Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 640–645, IEEE Press, 2002.
- [112] A. ACAN, Reciprocal Translocation with Adaptive Segment Length, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 646–651, IEEE Press, 2002.
- [113] Y. LIU and X. YAO, How to Control Search Step Size in Fast Evolutionary Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 652–656, IEEE Press, 2002.
- [114] A. DUKKIPATI and M. N. MURTY, Selection by Parts: ‘Selection in Two Episodes’ in Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 657–662, IEEE Press, 2002.
- [115] T. MURATA, H. NOZAWA, Y. TSUJIMURA, M. GEN, and H. ISHIBUCHI, Effect of Local Search on the Performance of Cellular Multi-Objective Genetic Algorithms for Designing Fuzzy Rule-based Classification Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 663–668, IEEE Press, 2002.
- [116] V. HAFNER and R. SALOMON, Evolving Neural Controllers for Visual Navigation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 669–674, IEEE Press, 2002.
- [117] D. H. KIM, Tuning of 2-DOF PID Controller By Immune Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 675–680, IEEE Press, 2002.
- [118] J.-W. KIM, S. W. KIM, P. PARK, and T. J. PARK, On the Similarities between Binary-Coded GA and Real-Coded GA in Wide Search Space, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 681–686, IEEE Press, 2002.
- [119] M. A. JANSSEN and D. W. STOW, An Application of Immunocomputing to the Evolution of Rules for Ecosystem Management, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 687–692, IEEE Press, 2002.
- [120] F. NINO and O. BELTRAN, A change detection software agent based on immune mixed selection, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 693–698, IEEE Press, 2002.

- [121] L. N. DE CASTRO and J. TIMMIS, An Artificial Immune Network for Multimodal Function Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 699–704, IEEE Press, 2002.
- [122] F. GONZALEZ, D. DASGUPTA, and R. KOZMA, Combining Negative Selection and Classification Techniques for Anomaly Detection, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 705–710, IEEE Press, 2002.
- [123] J. KNOWLES and D. CORNE, On Metrics for Comparing Non-Dominated Sets, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 711–716, IEEE Press, 2002.
- [124] C. VALENZUELA, A Simple Evolutionary Algorithm for Multi-Objective Optimization (SEAMO), in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 717–722, IEEE Press, 2002.
- [125] A. FARHANG-MEHR and S. AZARM, Diversity Assessment of Pareto-Optimal Solution Sets: An Entropy Approach, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 723–728, IEEE Press, 2002.
- [126] T. TASSIER, M. P. EVERSON, and D. OSTROWSKI, Agent-Based Models as a Complement to Economic Theory: A Durable Goods Example, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 729–734, IEEE Press, 2002.
- [127] M. P. EVERSON, C. G. E. MANGIN, C. STUMPO, J. M. SCHWARTZ, and D. A. OSTROWSKI, Evaluating Strategies for Foreign Exchange Risk Reduction, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 735–740, IEEE Press, 2002.
- [128] D. OSTROWSKI, T. TASSIER, M. P. EVERSON, and R. G. REYNOLDS, Using Cultural Algorithms to Evolve Strategies in Agent-Based Models, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 741–746, IEEE Press, 2002.
- [129] G. SCHLEIS and M. RIZKI, Learning from a Random Player using the Reference Neuron Model, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 747–752, IEEE Press, 2002.
- [130] D. CRUTCHLEY and M. ZWOLINSKI, Using Evolutionary and Hybrid Algorithms for DC Operating Point Analysis of Nonlinear Circuits, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 753–758, IEEE Press, 2002.
- [131] C. L. KARR, T. A. ZEILER, and R. MEHROTRA, Determining Critical Gust Loads on Aircraft Structures Using an Evolutionary Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 759–764, IEEE Press, 2002.
- [132] R. GOTO and Y. SATO, Applicability of Genetic Algorithms to Motion Analysis of a Moving Object, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 765–770, IEEE Press, 2002.

- [133] Z. STEJIC, E. M. IYODA, Y. TAKAMA, and K. HIROTA, Image Similarity Computation Using Local Similarity Patterns Generated by Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 771–776, IEEE Press, 2002.
- [134] T. BEIELSTEIN and S. MARKON, Threshold Selection, Hypothesis Tests, and DOE Methods, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 777–782, IEEE Press, 2002.
- [135] M. HUTTER, Fitness Uniform Selection to Preserve Genetic Diversity, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 783–788, IEEE Press, 2002.
- [136] Y. LIANG and K.-S. LEUNG, Two-way Mutation Evolution Strategies, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 789–794, IEEE Press, 2002.
- [137] H. AGUIRRE and K. TANAKA, Parallel Varying Mutation Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 795–800, IEEE Press, 2002.
- [138] L. WENJIAN, C. XIANBIN, and W. XUFA, An Immune Genetic Algorithm Based on Immune Regulation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 801–806, IEEE Press, 2002.
- [139] S. CAYZER and U. AICKELIN, A Recommender System based on the Immune Network, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 807–812, IEEE Press, 2002.
- [140] D. BRADLEY and A. TYRRELL, A Hardware Immune System for Benchmark State Machine Error Detection, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 813–818, IEEE Press, 2002.
- [141] C. A. C. COELLO and N. C. CORTES, A Parallel Implementation of the Artificial Immune System to Handle Constraints in Genetic Algorithms: Preliminary Results, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 819–824, IEEE Press, 2002.
- [142] K. DEB, L. THIELE, M. LAUMANN, and E. ZITZLER, Scalable Multi-Objective Optimization Test Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 825–830, IEEE Press, 2002.
- [143] H. A. ABBASS, The Self-Adaptive Pareto Differential Evolution Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 831–836, IEEE Press, 2002.
- [144] Z.-Y. ZHU and K.-S. LEUNG, Asynchronous Self-Adjustable Island Genetic Algorithm for Multi-Objective Optimization Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 837–842, IEEE Press, 2002.

- [145] S. MOSTAGHIM, J. TEICH, and A. TYAGI, Comparison of Data Structures for Storing Pareto-sets in MOEAs, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 843–848, IEEE Press, 2002.
- [146] J. BREWSTER, R. G. REYNOLDS, and M. A. BROCKMEYER, Not in My Backyard: A Simulation of the Effects of Agent Mobility on Environmental Poisoning, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 849–854, IEEE Press, 2002.
- [147] N. RYCHTYCKYJ and R. G. REYNOLDS, Knowledge Base Maintenance Using Cultural Algorithms: Application to the DLMS Manufacturing Process System at Ford Motor Company, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 855–860, IEEE Press, 2002.
- [148] R. G. REYNOLDS and A. LAZAR, Simulating the Evolution of the Archaic States, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 861–866, IEEE Press, 2002.
- [149] S. GOODHALL, R. G. REYNOLDS, and R. WHALLON, Altruism, Selfishness, and Survival: An Agent-Based Model Of Sharing Behavior, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 867–871, IEEE Press, 2002.
- [150] Y.-C. LIN, K.-S. HWANG, and F.-S. WANG, Hybrid Differential Evolution with Multiplier Updating Method for Nonlinear Constrained Optimization Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 872–877, IEEE Press, 2002.
- [151] B. G. W. CRAENEN and A. E. EIBEN, An Experimental Comparison of SAWing EAs for a new Class of Random Binary CSPs, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 878–883, IEEE Press, 2002.
- [152] S. B. HAMIDA and M. SCHOENAUER, ASCHEA: New Results Using Adaptive Segregational Constraint Handling, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 884–889, IEEE Press, 2002.
- [153] X. ZOU, L. KANG, and Y. LI, A Dynamical Evolutionary Algorithm For Constrained Optimization Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 890–895, IEEE Press, 2002.
- [154] A. KORDON, G. SMITS, E. JORDAAN, and E. RIGHTOR, Robust Soft Sensors Based On Integration of Genetic Programming, Analytical Neural Networks, and Support Vector Machines, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 896–901, IEEE Press, 2002.
- [155] A. B. J. G.-H. J. M. M. J. B. J. PORTILLO, OCR Parameters Tuning by Means of Evolution Strategies for Aircraft’s Tail Number Recognition, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 902–907, IEEE Press, 2002.
- [156] K. C. TAN, T. H. LEE, J. CAI, and Y. H. CHEW, Automating the drug scheduling of cancer chemotherapy via evolutionary computation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 908–913, IEEE Press, 2002.

- [157] T. HATANAKA, K. UOSAKI, and M. KOGA, Evolutionary Computation Approach to Wiener Model Identification, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 914–919, IEEE Press, 2002.
- [158] A. M. COSTA, P. A. VARGAS, F. J. VON ZUBEN, and P. M. FRANCA, Makespan Minimization on Parallel Processors: An Immune-Based Approach, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 920–925, IEEE Press, 2002.
- [159] A. B. WATKINS and L. C. BOGGESE, A Resource Limited Artificial Immune Classifier, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 926–931, IEEE Press, 2002.
- [160] J. J. CHEH, A Heuristic Approach to Efficient Production of Detector Sets for An Artificial Immune Algorithm-Based Bankruptcy Prediction System, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 932–937, IEEE Press, 2002.
- [161] A. TARAKANOV and V. SKORMIN, Pattern Recognition by Immunocomputing, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 938–943, IEEE Press, 2002.
- [162] H. LU and G. YEN, Rank-Density Based Multiobjective Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 944–949, IEEE Press, 2002.
- [163] H. ISHIBUSHI, T. YOSHIDA, and T. MURATA, Selection of Initial Solutions for Local Search in Multiobjective Genetic Local Search, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 950–955, IEEE Press, 2002.
- [164] M. FARINA, A Neural Network Based Generalized Response Surface Multiobjective Evolutionary Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 956–961, IEEE Press, 2002.
- [165] B. A. KADROVACH, J. B. ZYDALLIS, and G. B. LAMONT, Use of Mendelian Pressure in a Multi-Objective Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 962–967, IEEE Press, 2002.
- [166] M. SHINKAI, H. AGUIRRE, and K. TANAKA, Mutation Strategy Improves GA’s Performance on Epistatic Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 968–973, IEEE Press, 2002.
- [167] S. TSUTSUI and D. E. GOLDBERG, Simplex Crossover and Linkage Identification: Single-Stage Evolution VS. Multi-Stage Evolution, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 974–979, IEEE Press, 2002.
- [168] D. THIERENS, Adaptive mutation rate control schemes in genetic algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 980–985, IEEE Press, 2002.

- [169] M. LONES and A. TYRRELL, Crossover and Bloat in the Functionality Model of Enzyme Genetic Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 986–991, IEEE Press, 2002.
- [170] C. N. BENDTSEN and T. KRINK, Phone Routing using the Dynamic Memory Model, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 992–997, IEEE Press, 2002.
- [171] J. XU, T. ARSLAN, and D. W. QING-WANG, GPS Attitude Determination Using a Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 998–1002, IEEE Press, 2002.
- [172] Y. ZHANG, L. O. HALL, D. B. GOLDBOF, and S. SARKAR, A Constrained Genetic Approach for Reconstructing Young’s Modulus of Elastic Objects from Boundary Displacement Measurements, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1003–1008, IEEE Press, 2002.
- [173] N. S. MAJUMDAR and D. DASGUPTA, Determining Optimal Configuration for Turbine Generator Cooler, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1009–1014, IEEE Press, 2002.
- [174] J. KIM and P. J. BENTLEY, Toward an Artificial Immune System for Network Intrusion Detection: An Investigation of Dynamic Clonal Selection, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1015–1020, IEEE Press, 2002.
- [175] R. MICHELAN and F. J. VON ZUBEN, Decentralized Control System for Autonomous Navigation Based on an Evolved Artificial Immune Network, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1021–1026, IEEE Press, 2002.
- [176] K. P. ANCHOR, P. D. WILLIAMS, G. H. GUNSCH, and G. B. LAMONT, The Computer Defense Immune System: Current and Future Research in Intrusion Detection, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1027–1032, IEEE Press, 2002.
- [177] S. P. N. SINGH, S. M. THAYER, and W. P. THAYER, A Foundation for Kilorobotic Exploration, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1033–1038, IEEE Press, 2002.
- [178] D. DASGUPTA and N. S. MAJUMDAR, Anomaly Detection in Multidimensional Data using Negative Selection Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1039–1044, IEEE Press, 2002.
- [179] J. BALTHROP, S. FORREST, and M. R. GLICKMAN, Revisting LISYS: Parameters and Normal Behavior, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1045–1050, IEEE Press, 2002.

- [180] C. A. C. COELLO and M. S. LECHUGA, MOPSO: A Proposal for Multiple Objective Particle Swarm Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1051–1056, IEEE Press, 2002.
- [181] A. P. ALVES DA SILVA and P. J. ABRAO, Applications of Evolutionary Computation in Electric Power Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1057–1062, IEEE Press, 2002.
- [182] D. M. FALCAO, Genetic Algorithms Applications in Electrical Distribution Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1063–1068, IEEE Press, 2002.
- [183] K. Y. LEE and P. S. MOHAMED, A Real-Coded Genetic Algorithm Involving a Hybrid Crossover Method for Power Plant Control System Design, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1069–1074, IEEE Press, 2002.
- [184] I. N. KASSABALIDIS, M. A. EL-SHARKAWI, and R. J. M. II, Border Identification for Power System Security Assessment Using Neural Network Inversion: An Overview, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1075–1079, IEEE Press, 2002.
- [185] V. MIRANDA and N. FONSECA, EPSO - Best-of-Two Worlds Meta-Heuristic Applied to Power System Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1080–1085, IEEE Press, 2002.
- [186] T. E. REVELLO and R. MCCARTNEY, Generating War Game Strategies Using A Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1086–1091, IEEE Press, 2002.
- [187] S.-Y. HO, S.-J. HO, and Z.-B. HUANG, An Evolutionary Approach for Pose Determination and Interpretation of Occluded Articulated Objects, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1092–1097, IEEE Press, 2002.
- [188] F. ROJAS, C. G. PUNTONET, I. ROJAS, J. ORTEGA, and A. PRIETO, Genetic Algorithm Approach to Nonlinear Blind Source Separation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1098–1102, IEEE Press, 2002.
- [189] P. COLLET, J. LOUCHET, and E. LUTTON, Issues on the Optimisation of Evolutionary Algorithms Code, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1103–1108, IEEE Press, 2002.
- [190] P. HINGSTON, L. BARONE, and L. WHILE, Evolving Crushers, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1109–1114, IEEE Press, 2002.



- [191] D. H. MILONE, J. J. MERELO, and H. L. RUFINER, Evolutionary Algorithm for Speech Segmentation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1115–1120, IEEE Press, 2002.
- [192] Y. QIAO and X. WEIXIN, A Network IDS with Low False Positive Rate, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1121–1126, IEEE Press, 2002.
- [193] E. J. HUGHES, Multi-Objective Evolutionary Guidance for Swarms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1127–1132, IEEE Press, 2002.
- [194] F. JIMENEZ, A. F. GOMEZ-SKARMETA, G. SANCHEZ, and K. DEB, An Evolutionary Algorithm for Constrained Multi-objective Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1133–1138, IEEE Press, 2002.
- [195] K. H. ANG, G. CHONG, and Y. LI, Preliminary Statement on the Current Progress of Multi-Objective Evolutionary Algorithm Performance Measurement, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1139–1144, IEEE Press, 2002.
- [196] N. MADAVAN, Multiobjective Optimization Using a Pareto Differential Evolution Approach, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1145–1150, IEEE Press, 2002.
- [197] M. BASSEUR, F. SEYNHAEVE, and E. GHAZALI TALBI, Design of Multi-Objective Evolutionary Algorithms: Application to the Flow-Shop Scheduling Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1151–1156, IEEE Press, 2002.
- [198] J. LOHN, W. F. KRAUS, and G. L. HAITH, Comparing a Coevolutionary Genetic Algorithm for Multiobjective Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1157–1162, IEEE Press, 2002.
- [199] A. K. SETH, Distinguishing Adaptive From Non-Adaptive Evolution Using Ashby’s Law of Resusite Variety, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1163–1168, IEEE Press, 2002.
- [200] B. A. JULSTROM, A Scalable Genetic Algorithm for the Rectilinear Steiner Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1169–1173, IEEE Press, 2002.
- [201] N. SADATI and S. KUCHAKKHANI, Genetic Approach to Pole Placement by Static Output Feedback, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1174–1179, IEEE Press, 2002.
- [202] M. IWAMATSU, Co-Evolutionary Global Optimization Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1180–1184, IEEE Press, 2002.

- [203] P. COWLING, G. KENDALL, and L. HAN, An Investigation of a Hyperheuristic Genetic Algorithm Applied to a Trainer Scheduling Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1185–1190, IEEE Press, 2002.
- [204] P. J. DARWEN, Search Landscape of a Realistic Single-Machine Scheduling Task: Peaks with Big Differences, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1191–1196, IEEE Press, 2002.
- [205] E. K. BURKE, P. DE CAUSMAECKER, S. PETROVIC, and G. V. BERGHE, A Multi Criteria Meta-heuristic Approach to Nurse Rostering, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1197–1202, IEEE Press, 2002.
- [206] J. LI and R. KWAN, A Fuzzy Evolutionary Approach with Taguchi Parameter Setting for the Set Covering Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1203–1208, IEEE Press, 2002.
- [207] N. NIKOLAEV, L. M. DE MENEZES, and H. IBA, Overfitting Avoidance in Genetic Programming of Polynomials, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1209–1214, IEEE Press, 2002.
- [208] M. M. FISCHER, A Novel Modular Product Unit Neural Network for Modelling Constrained Spatial Interaction Flows, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1215–1220, IEEE Press, 2002.
- [209] T. ENDOU and Q. ZHAO, Generation of Comprehensible Decision Trees Through Evolution of Training Data, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1221–1225, IEEE Press, 2002.
- [210] C. Y. ISHIDA and A. T. R. POZO, GPSQL Miner: SQL-Grammar Genetic Programming in Data Mining, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1226–1231, IEEE Press, 2002.
- [211] M. MINAMI, A. TAMAMURA, and T. ASAKURA, Machine Intelligence of a Mobile Manipulator to Utilize Dynamically Interfered Motion and Nonlinear Friction, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1232–1237, IEEE Press, 2002.
- [212] I. SARAFIS, A. M. S. ZALZALA, and P. TRINDER, A Genetic Rule-Based Data Clustering Toolkit, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1238–1243, IEEE Press, 2002.
- [213] E. AVGERINOS, A. M. S. ZALZALA, and G. ZOGRAFOS, Towards Evolutionary Optimisation for High Resolution Bathymetry from SideScan Sonars, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1244–1249, IEEE Press, 2002.

- [214] T. BURCZYNSKI, W. KUS, E. MAJCHRZAK, P. ORANTEK, and M. DZIEWONSKI, Evolutionary Computation in Identification of a Tumor, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1250–1254, IEEE Press, 2002.
- [215] F. CUPERTINO, D. NASO, L. SALVATORE, and B. TURCHIANO, Design of Cascaded Controllers for DC Drives using Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1255–1260, IEEE Press, 2002.
- [216] M. CHRZANOWSKA-JESKE, G. GREENWOOD, and B. WANG, Combining Evolution Strategies with Lagrangian Relaxation for Constructing Nonslicing VLSI Floorplans With Soft Modules, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1261–1266, IEEE Press, 2002.
- [217] R. O. CANHAM and A. M. TYRRELL, Evolved Fault Tolerance in Evolvable Hardware, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1267–1271, IEEE Press, 2002.
- [218] K. C. TAN, C. M. CHEW, K. K. TAN, L. F. WANG, and Y. J. CHEN, Autonomous robot navigation via intrinsic evolution, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1272–1277, IEEE Press, 2002.
- [219] C. WEI, Z. HE, Y. ZHANG, and W. PEI, Swarm Directions Embedded in Fast Evolutionary Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1278–1283, IEEE Press, 2002.
- [220] K. C. TSUI and J. LIU, Evolutionary Diffusion Optimization, Part II: Performance Assessment, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1284–1289, IEEE Press, 2002.
- [221] H.-K. TSAI, J.-M. YANG, and C.-Y. KAO, Solving Traveling Salesman Problems by Combining Global and Local Search Mechanisms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1290–1295, IEEE Press, 2002.
- [222] D. ASHLOCK, L. GUO, and F. QIU, Greedy Closure Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1296–1301, IEEE Press, 2002.
- [223] K. C. TAN, A. TAY, T. H. LEE, and C. M. HENG, Mining multiple comprehensible classification rules using genetic programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1302–1307, IEEE Press, 2002.
- [224] H. GHEZELAYAGH and K. Y. LEE, Intelligent Predictive Control of A Power Plant with Evolutionary Programming Optimizer and Neuro-Fuzzy Identifier, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1308–1313, IEEE Press, 2002.

- [225] M. L. WONG, S. Y. LEE, and K. S. LEUNG, A Hybrid Approach to Learn Bayesian Networks Using Evolutionary Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1314–1319, IEEE Press, 2002.
- [226] X. XU, H. GEN HE, and D. HU, Evolutionary Adaptive-Critic Methods for Reinforcement Learning, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1320–1325, IEEE Press, 2002.
- [227] N. X. HOAI, R. I. MCKAY, D. ESSAM, and R. CHAU, Solving the Symbolic Regression Problem with Tree-Adjunct Grammar Guided Genetic Programming: The Comparative Results, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1326–1331, IEEE Press, 2002.
- [228] M. MUNETOMO, Linkage Identification Based on Epistasis Measures to Realize Efficient Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1332–1337, IEEE Press, 2002.
- [229] S. DAS, Gene Spill: An Evolutionary Algorithm Based on Bacterial Gene Exchange, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1338–1342, IEEE Press, 2002.
- [230] K. YAMAMOTO, T. YOSHIKAWA, T. FURUHASHI, T. SHINOBI, and S. TSURUOKA, Evaluation of Search Performance of Bacterial Evolutionary Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1343–1347, IEEE Press, 2002.
- [231] T. SMITH, A. PHILIPIDES, P. HUSBANDS, and M. O’SHEA, Neutrality and ruggedness in robot landscapes, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1348–1353, IEEE Press, 2002.
- [232] M. TOUSSAINT and C. IGEL, Neutrality: A necessity for self-adaptation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1354–1359, IEEE Press, 2002.
- [233] R. SHIPMAN, M. SHACKLETON, and M. EBNER, Issues in Designing a Neutral Genotype-Phenotype Mapping, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1360–1365, IEEE Press, 2002.
- [234] W. CYRE, Learning Grammars with a Modified Classifier System, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1366–1371, IEEE Press, 2002.
- [235] R. K. URSEM and T. KRINK, Genetic Programming with Smooth Operators for Arithmetic Expressions: Diviplication and Subditiion, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1372–1377, IEEE Press, 2002.

- [236] S.-Y. H. S.-J. HO. and T.-K. CHEN, Design of High Performance Fuzzy Controllers Using Flexible Parameterized Membership Functions and Intelligent Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1378–1383, IEEE Press, 2002.
- [237] M. R. DELGADO, F. VON ZUBEN, and F. GOMIDE, Coevolutionary Design of Takagi-Sugeno Fuzzy Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1384–1389, IEEE Press, 2002.
- [238] R. SANTANA and H. MUEHLENBEIN, Blocked Stochastic Sampling versus Estimation of Distribution Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1390–1395, IEEE Press, 2002.
- [239] D.-Y. CHO and B.-T. ZHANG, Evolutionary Optimization by Distribution Estimation with Mixtures of Factor Analyzers, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1396–1401, IEEE Press, 2002.
- [240] Y. KATSUMATA, S. KURAHASHI, and T. TERANO, We Need Multiple Solutions for Electric Equipments Configuration in a Power Plant - Applying Bayesian Optimization Algorithm with Tabu Search, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1402–1407, IEEE Press, 2002.
- [241] J. E. DAVIS and G. KENDALL, An Investigation, using Co-Evolution, to Evolve an Awari Player, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1408–1413, IEEE Press, 2002.
- [242] R. SUBBU and A. C. SANDERSON, Network Performance of Distributed Coevolutionary Agents, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1414–1419, IEEE Press, 2002.
- [243] J. CARTLIDGE and S. BULLOCK, Learning lessons from the common cold: How reducing parasite virulence improves coevolutionary optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1420–1425, IEEE Press, 2002.
- [244] D. D. B. VAN BRAGT and J. A. LA POUTRE, Co-evolving Automata Negotiate with a Variety of Opponents, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1426–1431, IEEE Press, 2002.
- [245] T. SATOH, H. KUWABARA, MASAKAZU, KANEZASHI, and K. NARA, Artificial Life System and its Application to Multiple-Fuel Economic Load Dispatch Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1432–1437, IEEE Press, 2002.
- [246] S. LIANG, A. N. ZINCIR-HEYWOOD, and M. I. HEYWOOD, The Effect of Routing under Local Information using a Social Insect Metaphor, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1438–1443, IEEE Press, 2002.

- [247] L. SCHOOFS and B. NAUDTS, Swarm Intelligence on the Binary Constraint Satisfaction problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1444–1449, IEEE Press, 2002.
- [248] J. ISAACS, R. WATKINS, and S. FOO, Evolving Ant Colony Systems in Hardware for Random Number Generation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1450–1455, IEEE Press, 2002.
- [249] X. XIE, W. ZHANG, and Z. YANG, A Dissipative Particle Swarm Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1456–1461, IEEE Press, 2002.
- [250] T. BLACKWELL and P. J. BENTLEY, Improvised Music with Swarms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1462–1467, IEEE Press, 2002.
- [251] J. LAMPINEN, A Constraint Handling Approach for the Differential Evolution Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1468–1473, IEEE Press, 2002.
- [252] T. KRINK, J. S. VESTERSTRØM, and J. RIGET, Particle Swarm Optimisation with Spatial Particle Extension, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1474–1479, IEEE Press, 2002.
- [253] J. H. KOO, T. S. KIM, S. S. DONG, and C. H. LEE, Development of FPGA Based Adaptive Image Enhancement Filter System Using Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1480–1485, IEEE Press, 2002.
- [254] F. CORNO, G. CUMANI, M. S. REORDA, and G. SQUILLERO, Efficient Machine-Code Test-Program Induction, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1486–1491, IEEE Press, 2002.
- [255] N. HOMMA, T. AOKI, and T. HIGUCHI, Graph-Based Individual Representation for Evolutionary Synthesis of Arithmetic Circuits, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1492–1497, IEEE Press, 2002.
- [256] R. SALOMON, The Force Model: Reducing the Complexity by Reformulating the Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1498–1503, IEEE Press, 2002.
- [257] K. BOONLONG, N. CHAIYARATANA, and S. KUNTANAPREEDA, Using A Co-Operative Co-Evolutionary Genetic Algorithm to Solve Optimal Control Problems in a Hysteresis System, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1504–1509, IEEE Press, 2002.
- [258] H. BERSINI, And the winner is not the fittest, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1510–1515, IEEE Press, 2002.

- [259] B. YUAN, Deterministic Crowding, Recombination And Self-Similarity, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1516–1521, IEEE Press, 2002.
- [260] Y. MURAKAMI, H. SATO, and A. NAMATAME, Realizing Unstable Social Efficiency with Mutual Learning of Meta-Rules, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1522–1527, IEEE Press, 2002.
- [261] O. WITTNER and B. E. HELVIK, Cross Entropy Guided Ant-like Agents Finding Dependable Primary/Backup Path Patterns in Networks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1528–1533, IEEE Press, 2002.
- [262] R. BJARNASON and T. PETERSON, Multi-agent Learning via Implicit Opponent Modeling, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1534–1539, IEEE Press, 2002.
- [263] M. JELASITY, M. PREUSS, and B. PAECHTER, A Scalable and Robust Framework for Distributed Applications, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1540–1545, IEEE Press, 2002.
- [264] A. WATKINS and L. BOGGESE, A New Classifier Based on Resource Limited Artificial Immune Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1546–1551, IEEE Press, 2002.
- [265] S. ANDO and H. IBA, Ant Algorithm for Construction of Evolutionary Tree, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1552–1557, IEEE Press, 2002.
- [266] C. BLUM and M. SAMPELS, Ant Colony Optimization for FOP Shop Scheduling: A case study on different pheromone representations, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1558–1563, IEEE Press, 2002.
- [267] M. SCHREYER and G. R. RAIDL, Letting Ants Labeling Point Features, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1564–1569, IEEE Press, 2002.
- [268] J. S. VESTERSTRØM, J. RIGET, and T. KRINK, Division of Labor in Particle Swarm Optimisation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1570–1575, IEEE Press, 2002.
- [269] E. C. LASKARI, K. E. PARSOPOULOS, and M. N. VRAHATIS, Particle Swarm Optimization for Minimax Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1576–1581, IEEE Press, 2002.
- [270] E. C. LASKARI, K. E. PARSOPOULOS, and M. N. VRAHATIS, Particle Swarm Optimization for Integer Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1582–1587, IEEE Press, 2002.

- [271] M. LØVBJERG and T. KRINK, Extending Particle Swarm Optimisers with Self-Organized Criticality, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1588–1593, IEEE Press, 2002.
- [272] D. HARRIS and S. BULLOCK, Enhancing game theory with coevolutionary simulation models of honest signaling, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1594–1599, IEEE Press, 2002.
- [273] R. P. WIEGAND, W. LILES, and K. DE JONG, Analyzing Cooperative Coevolution with Evolutionary Game Theory, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1600–1605, IEEE Press, 2002.
- [274] T. ORD and A. BLAIR, Exploitation and peacekeeping: introducing more sophisticated interactions to the iterated prisoner’s dilemma, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1606–1611, IEEE Press, 2002.
- [275] H. MURAO, H. TAMAKI, and S. KITAMURA, A Coevolutionary Approach To Adapt The Genotype-Phenotype Map In Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1612–1617, IEEE Press, 2002.
- [276] K. ANCHOR, G. LAMONT, and G. GUNSCH, An Evolutionary Programming Approach for Detecting Novel Computer Network Attacks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1618–1623, IEEE Press, 2002.
- [277] C.-H. CHU, J. GU, X. D. HOU, and Q. GU, A Heuristic Ant Algorithm for Solving QoS Multicast Routing Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1630–1635, IEEE Press, 2002.
- [278] C.-F. TSAI, C.-W. TSAI, and C.-C. TSENG, A New Approach for Solving Large Traveling Salesman Problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1636–1641, IEEE Press, 2002.
- [279] J. A. KHAN, S. M. SAIT, and M. R. MINHAS, Fuzzy Biasless Simulated Evolution for Multiobjective VLSI Placement, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1642–1647, IEEE Press, 2002.
- [280] H. LU and G. G. YEN, Dynamic Population Size in Multiobjective Evolutionary Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1648–1653, IEEE Press, 2002.
- [281] H. A. ABBASS, N. X. HOAI, and R. I. MCKAY, AntTAG: A New Method to Compose Computer Programs Using Colonies of Ants, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1654–1659, IEEE Press, 2002.



- [282] J. T. YANG, H.-D. HUANG, and J.-T. HORNG, Devising A Cost Effective Baseball Scheduling by Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1660–1665, IEEE Press, 2002.
- [283] X. HU and R. EBERHART, Adaptive Particle Swarm Optimization: Detection and Response to Dynamic Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1666–1670, IEEE Press, 2002.
- [284] J. KENNEDY and R. MENDES, Population Structure and Particle Swarm Performance, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1671–1676, IEEE Press, 2002.
- [285] X. HU and R. EBERHART, Multiobjective Optimization Using Dynamic Neighborhood Particle Swarm Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1677–1681, IEEE Press, 2002.
- [286] Y. SHI and R. A. KROHLING, Co-evolutionary Particle Swarm Optimization to Solve min-max Problems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1682–1687, IEEE Press, 2002.
- [287] R. A. KROHLING, H. KNIDEL, and Y. SHI, Solving Numerical Equations of Hydraulic Problems Using Particle Swarm Optimization, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1688–1690, IEEE Press, 2002.
- [288] T. BLACKWELL and P. J. BENTLEY, Don’t Push Me! Collision-Avoiding Swarms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1691–1696, IEEE Press, 2002.
- [289] J. VINCENT, A Comparison of Reproductive Success and the Effect of Mating Restrictions in Coarse-Grained Parallel Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1697–1702, IEEE Press, 2002.
- [290] K. S. LEUNG, K. H. LEE, and S. M. CHEANG, Evolving Parallel Machine Programs for a Multi-ALU Processor, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1703–1708, IEEE Press, 2002.
- [291] X. LI and M. KIRLEY, The Effects of Varying Population Density in a Fine-grained Parallel Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1709–1714, IEEE Press, 2002.
- [292] K. KOJIMA, H. MATSUO, and M. ISHIGAME, Reduction of Communication Quantity for Network Based Parallel GA, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1715–1720, IEEE Press, 2002.
- [293] A. HAMILTON-WRIGHT and D. STACEY, Fault-Tolerant Network Computation of Individuals in Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1721–1726, IEEE Press, 2002.

- [294] G. GALEANO, F. FERNANDEZ, M. TOMASSINI, and L. VANNESCHI, Studying the influence of Synchronous and Asynchronous parallel GP on Programs' Length Evolution, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1727–1732, IEEE Press, 2002.
- [295] J. A. JOINES and M. G. KAY, Hybrid Genetic Algorithms and Random Linkage, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1733–1738, IEEE Press, 2002.
- [296] R. ZHANG, W. K. KING, and Q. WANG, Applying Evolutionary Programming to Improve Branch Classification In the Hybrid Branch Prediction Method Using Switch-Counter, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1739–1744, IEEE Press, 2002.
- [297] M. CHANG, K. OHKURA, K. UEDA, and M. SUGIYAMA, A symbiotic evolutionay algorithm for dynamic facility layout problem, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1745–1750, IEEE Press, 2002.
- [298] D. SRINIVASAN, T. H. SEOW, and J. X. XU, Automated Time Table Generation Using Multiple Context Reasoning for University Modules, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1751–1756, IEEE Press, 2002.
- [299] K. O. STANLEY and R. MIIKKULAINEN, Efficient Evolution of Neural Network Topologies, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1757–1762, IEEE Press, 2002.
- [300] Y. WANG and Y. LU, The Fast Neural Network Solution for Problems Based on Slow Genetic Algorithm Solutions, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1763–1768, IEEE Press, 2002.
- [301] D. C. EDWARDS, K. E. BROWN, and N. K. TAYLOR, An Evolutionary Method for the Design of Generic Neural Networks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1769–1774, IEEE Press, 2002.
- [302] D. WEINGAERTNER, V. K. TATAI, R. R. GUDWIN, and F. J. V. ZUBEN, Hierarchical Evolution of Heterogeneous Neural Networks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1775–1780, IEEE Press, 2002.
- [303] T. KOVACS, Performance and Population State Metrics for Rule-based Learning Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1781–1786, IEEE Press, 2002.
- [304] A. AIZAWA, A Co-evolutionary Framework for Clustering in Information Retrieval Systems, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1787–1792, IEEE Press, 2002.

- [305] C.-Y. LEE and E. K. ANTONSSON, Reinforcement Learning in Steady-State Cellular Genetic Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1793–1797, IEEE Press, 2002.
- [306] L. M. HERCOG and T. C. FOGARTY, Co-evolutionary Classifier Systems for Multi-Agent Simulation, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1798–1803, IEEE Press, 2002.
- [307] Y. Y. WAI, C. K. CHOW, and T. LEE, Resolving Ambiguity in Depth Extraction for Motion Capture using Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1804–1809, IEEE Press, 2002.
- [308] M. J. KAISER, K. C. TSUI, and J. LIU, Adaptive Distributed Caching, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1810–1815, IEEE Press, 2002.
- [309] S. CHAVALI, A. PAHWA, and S. DAS, A Genetic Algorithm Approach for Optimal Distribution Feeder Restoration During Cold Load Pickup, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1816–1819, IEEE Press, 2002.
- [310] I. E. GOLOVKIN, S. J. LOUIS, and R. C. MANCINI, Parallel Implementation of Niche Pareto Genetic Algorithm Code for X-ray Plasma Spectroscopy, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1820–1824, IEEE Press, 2002.
- [311] B. AKTAN, G. GREENWOOD, and M. SHOR, Improving Evolutionary Algorithm Performance on Maximizing Functional Test Coverage of ASICs Using Adaptation of the Fitness Criteria, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1825–1829, IEEE Press, 2002.
- [312] A. STOICA, R. ZEBULUM, D. KEYMEULEN, M. I. FERGUSON, and V. DUONG, Fuzzy controller implementations with fewer than ten transistors?, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1830–1835, IEEE Press, 2002.
- [313] J. BIRD and P. LAYZELL, The Evolved Radio and its Implications for Modelling the Evolution of Novel Sensors, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1836–1841, IEEE Press, 2002.
- [314] R. H. MAZZA, III and C. B. CONGDON, Towards a Genetic Algorithms Approach to Designing 3D Polygonal Tree Models, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1842–1847, IEEE Press, 2002.
- [315] Y. MATSUMURA, K. OHKURA, and K. UEDA, Advantages of Global Discrete Recombination in ( $\mu$ ,  $\mu$ ,  $\lambda$ ) Evolution Strategies, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1848–1853, IEEE Press, 2002.

- [316] O. MONAKHOV and E. MONAKHOVA, Using Evolutionary Algorithm for Generation of Dense Families of Circulant Networks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1854–1859, IEEE Press, 2002.
- [317] J.-X. XU, S. K. PANDA, and Q. ZHENG, Multiobjective Optimization of Current Waveforms for Switched Reluctance Motors by Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1860–1865, IEEE Press, 2002.
- [318] X. WU, C.-H. CHU, Y. WANG, and W. YAN, A Genetic Algorithm for Integrated Cell Formation and Layout Decision, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1866–1871, IEEE Press, 2002.
- [319] J. C. BONGARD, Evolving Modular Genetic Regulatory Networks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1872–1877, IEEE Press, 2002.
- [320] P. R. W. HARVEY, D. M. BOOTH, and J. F. BOYCE, Evolving The Mapping between input Neurons and Multi-Source Imagery, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1878–1883, IEEE Press, 2002.
- [321] B. VERMA and R. GHOSH, A Novel Evolutionary Neural Learning Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1884–1889, IEEE Press, 2002.
- [322] X. FU and L. WANG, A GA-Based Novel RBF Classifier with Class-Dependent Features, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1890–1894, IEEE Press, 2002.
- [323] G. G. YEN and N. NITHIANANDAN, Facial Feature Extraction Using Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1895–1900, IEEE Press, 2002.
- [324] B. BLAHA and D. WUNSCH, Evolutionary Programming to Optimize an Assembly Program, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1901–1903, IEEE Press, 2002.
- [325] T. BEIELSTEIN, J. DIENSTUHL, C. FEIST, and M. POMPL, Circuit Design Using Evolutionary Algorithms, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1904–1909, IEEE Press, 2002.
- [326] R. HOAR, J. PENNER, and C. JACOB, Evolutionary Swarm Traffic: If Ant Roads Had Traffic Lights, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1910–1915, IEEE Press, 2002.
- [327] X. FU and L. WANG, Rule Extraction from an RBF Classifier Based on Class-Dependent Features, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1916–1921, IEEE Press, 2002.

- [328] P. MORDAUNT and A. ZALZALA, Towards an Evolutionary Neural Network For Gait Analysis, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1922–1927, IEEE Press, 2002.
- [329] S. H. LING, H. K. LAM, F. H. F. LEUNG, and P. K. S. TAM, Learning of Neural Network Parameters using a Fuzzy Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1928–1933, IEEE Press, 2002.
- [330] O. CIFTCIOGLU, GA with Orthogonal Transformation for RBFN Configuration, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1934–1939, IEEE Press, 2002.
- [331] K.-H. LEE, C.-H. LEE, J.-H. KIM, H.-L. CHOI, and M.-J. TAHK, Evolutionary Optimized Pitching Motion Control for F-16 Aircraft, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1940–1945, IEEE Press, 2002.
- [332] C. K. CHAN, H. B. GOOI, and M. H. LIM, A Co-evolutionary Algorithm approach to a University Timetable System, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1946–1951, IEEE Press, 2002.
- [333] S. LUCAS, Evolving spring-mass models: a test-bed for graph encoding schemes, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1952–1957, IEEE Press, 2002.
- [334] R. TORRES-VELAZQUEZ and V. ESTIVILL-CASTRO, A Memetic Algorithm Instantiated with Selection Sort Consistently Finds Global Optima for the Error-Correcting Graph Isomorphism, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1958–1963, IEEE Press, 2002.
- [335] S.-J. KIM, J.-S. KIM, J.-Y. SEO, H.-C. CHO, and H.-T. JEON, Optimal Initial Structure of the RBF Networks Using Time-Frequency Localization and Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1964–1969, IEEE Press, 2002.
- [336] E. TUCI, M. QUINN, and I. HARVEY, Evolving fixed-weight networks for learning robots, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1970–1975, IEEE Press, 2002.
- [337] S. OEDA, T. ICHIMURA, and T. YAMASHITA, Biological immune system by evolutionary adaptive learning of neural networks, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1976–1981, IEEE Press, 2002.
- [338] Y. DING and L. REN, A New DNA-Based Evolutionary Algorithm with Application to the Design of Fuzzy Controllers, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1982–1987, IEEE Press, 2002.

- [339] D. TAYLOR, D. CORNE, D. TAYLOR, and J. HARKNESS, Predicting Alarms in Supermarket Refrigeration Systems Using Evolved Neural Networks and Evolved Rulesets, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1988–1993, IEEE Press, 2002.
- [340] L. XIN, P. VADAKKEPAT, T. H. LEE, X. PENG, and P. K. KIM, Comparison of Robot Navigation by Evolutionary Neural Networks and Pain-based Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 1994–1999, IEEE Press, 2002.
- [341] R. K. H. GALVAO, V. M. BECERRA, and M. ABOU-SEADA, Variable Selection for Financial Distress Classification Using a Genetic Algorithm, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 2000–2005, IEEE Press, 2002.
- [342] N. SVANGARD, S. LLOYD, P. NORDIN, and C. WIHLBORG, Evolving Short-Term Trading Strategies Using Genetic Programming, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 2006–2010, IEEE Press, 2002.
- [343] T. HAMADA, H. KAWAMURA, M. YAMAMOTO, and A. OHUCHI, A Study on Behavioral Structure of Artificial Market Based on Adaptive Game, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 2011–2016, IEEE Press, 2002.
- [344] K. YAMASAKI, K. KITAKAZE, and M. SEKIGUCHI, Dynamic Optimization by Evolutionary Algorithms Applied to Financial Time Series, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 2017–2022, IEEE Press, 2002.
- [345] T. MINERVA and S. PATERLINI, Evolutionary Approaches for Statistical Modelling, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 2023–2028, IEEE Press, 2002.
- [346] D. CLIFF, Evolution of Market Mechanism through a Continuous Space of Auction-Types, in *Proceedings of the 2002 Congress on Evolutionary Computation CEC2002*, edited by D. B. FOGEL, M. A. EL-SHARKAWI, X. YAO, G. GREENWOOD, H. IBA, P. MARROW, and M. SHACKLETON, pp. 2029–2034, IEEE Press, 2002.