

Список литературы

- [1] Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P, eds. (2002) , Lecture Notes in Computer Science, LNCS (Springer-Verlag, Granada, Spain) Vol. 2439.
- [2] Arnold, D. V & Beyer, H.-G. (2002) *Random Dynamics Optimum Tracking with Evolution Strategies*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 3–12.
- [3] Eriksson, R & Olsson, B. (2002) *On the Behavior of Evolutionary Global-Local Hybrids with Dynamic Fitness Functions*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 13–22.
- [4] van Hemert, J. I & Bäck, T. (2002) *Measuring the Searched Space to Guide Efficiency: The Principle and Evidence on Constraint Satisfaction*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 23–32.
- [5] Jansen, T. (2002) *On the Analysis of Dynamic Restart Strategies for Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 33–43.
- [6] Laumanns, M, Thiele, L, Zitzler, E, Welzl, E, & Deb, K. (2002) *Running Time Analysis of Multi-objective Evolutionary Algorithms on a Simple Discrete Optimization Problem*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 44–53.
- [7] Scharnow, J, Tinnefeld, K, & Wegener, I. (2002) *Fitness Landscapes Based on Sorting and Shortest Paths Problems*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 54–63.
- [8] Weicker, K. (2002) *Performance Measures for Dynamic Environments*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 64–76.
- [9] Eckert, C & Gottlieb, J. (2002) *Direct Representation and Variation Operators for the Fixed Charge Transportation Problem*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 77–87.
- [10] Knowles, J. D & Watson, R. A. (2002) *On the Utility of Redundant Encodings in Mutation-Based Evolutionary Search*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 88–98.
- [11] Rothlauf, F. (2002) *Binary Representations of Integers and the Performance of Selectorecombinative Genetic Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 99–110.
- [12] Aguirre, H. E & Tanaka, K. (2002) *Parallel Varying Mutation in Deterministic and Self-adaptive GAs*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 111–121.
- [13] Büche, D, Guidati, G, Stoll, P, & Koumoutsakos, P. (2002) *Self-organizing Maps for Pareto Optimization of Airfoils*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 122–131.

- [14] Corne, D, Oates, M. J, & Kell, D. B. (2002) *On Fitness Distributions and Expected Fitness Gain of Mutation Rates in Parallel Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 132–141.
- [15] Dolin, B, Arenas, M. G, & Guervós, J. J. M. (2002) *Opposites Attract: Complementary Phenotype Selection for Crossover in Genetic Programming*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 142–152.
- [16] Hervás-Martínez, C, Ortiz-Boyer, D, & García-Pedrajas, N. (2002) *Theoretical Analysis of the Confidence Interval Based Crossover for Real-Coded Genetic Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 153–161.
- [17] Ikeda, K & Kobayashi, S. (2002) *Deterministic Multi-step Crossover Fusion: A Handy Crossover Composition for GAs*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 162–171.
- [18] Jelasity, M, Preuß, M, & Eiben, A. E. (2002) *Operator Learning for a Problem Class in a Distributed Peer-to-Peer Environment*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 172–183.
- [19] Ortiz-Boyer, D, Hervás-Martínez, C, & García-Pedrajas, N. (2002) *Crossover Operator Effect in Function Optimization with Constraints*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 184–193.
- [20] Runarsson, T. P. (2002) *Reducing Random Fluctuations in Mutative Self-adaptation*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 194–203.
- [21] Raidl, G. R, Kodydek, G, & Julstrom, B. A. (2002) *On Weight-Biased Mutation for Graph Problems*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 204–213.
- [22] Thomsen, R & Krink, T. (2002) *Self-adaptive Operator Scheduling Using the Religion-Based EA*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 214–223.
- [23] Tsutsui, S. (2002) *Probabilistic Model-Building Genetic Algorithms in Permutation Representation Domain Using Edge Histogram*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 224–233.
- [24] Wiesmann, D. (2002) *From Syntactical to Semantical Mutation Operators for Structure Optimization*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 234–246.
- [25] Iorio, A & Li, X. (2002) *Parameter Control within a Co-operative Co-evolutionary Genetic Algorithm*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 247–256.
- [26] Wiegand, R. P, Liles, W. C, & Jong, K. A. D. (2002) *The Effects of Representational Bias on Collaboration Methods in Cooperative Coevolution*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 257–270.

- [27] Jozefowicz, N, Semet, F, & Talbi, E.-G. (2002) *Parallel and Hybrid Models for Multi-objective Optimization: Application to the Vehicle Routing Problem*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 271–280.
- [28] Kanazaki, M, Morikawa, M, Obayashi, S, & Nakahashi, K. (2002) *Multiobjective Design Optimization of Merging Configuration for an Exhaust Manifold of a Car Engine*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 281–287.
- [29] Keerativuttitumrong, N, Chaiyaratana, N, & Varavithya, V. (2002) *Multi-objective Co-operative Co-evolutionary Genetic Algorithm*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 288–297.
- [30] Laumanns, M & Ocenasek, J. (2002) *Bayesian Optimization Algorithms for Multi-objective Optimization*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 298–307.
- [31] Richter, H. (2002) *An Evolutionary Algorithm for Controlling Chaos: The Use of Multi-objective Fitness Functions*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 308–320.
- [32] Adamidis, P & Petridis, V. (2002) *On Modelling Evolutionary Algorithm Implementations through Co-operating Populations*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 321–330.
- [33] Bosman, P. A. N & Thierens, D. (2002) *Permutation Optimization by Iterated Estimation of Random Keys Marginal Product Factorizations*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 331–340.
- [34] Burke, E. K, Gustafson, S. M, Kendall, G, & Krasnogor, N. (2002) *Advanced Population Diversity Measures in Genetic Programming*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 341–350.
- [35] Chen, Y.-P & Goldberg, D. E. (2002) *Introducing Start Expression Genes to the Linkage Learning Genetic Algorithm*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 351–360.
- [36] Emmerich, M, Giotis, A, Özdemir, M, Bäck, T, & Giannakoglou, K. (2002) *Metamodel-Assisted Evolution Strategies*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 361–370.
- [37] Giacobini, M, Tomassini, M, & Vanneschi, L. (2002) *Limiting the Number of Fitness Cases in Genetic Programming Using Statistics*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 371–380.
- [38] Horn, J. (2002) *Resource-Based Fitness Sharing*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 381–390.

- [39] Huhse, J, Villmann, T, Merz, P, & Zell, A. (2002) *Evolution Strategy with Neighborhood Attraction Using a Neural Gas Approach*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 391–400.
- [40] Liu, P, Lau, F. C. M, Lewis, M. J, & Wang, C.-L. (2002) *A New Asynchronous Parallel Evolutionary Algorithm for Function Optimization*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 401–410.
- [41] Luke, S & Panait, L. (2002) *Fighting Bloat with Nonparametric Parsimony Pressure*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 411–421.
- [42] Müller, S. D, Hansen, N, & Koumoutsakos, P. (2002) *Increasing the Serial and the Parallel Performance of the CMA-Evolution Strategy with Large Populations*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 422–431.
- [43] Munteanu, C & Rosa, A. C. (2002) *Adaptive Reservoir Genetic Algorithm with On-Line Decision Making*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 432–441.
- [44] Romero, G, Guervós, J. J. M, Valdivieso, P. A. C, Castellano, J. G, & Arenas, M. G. (2002) *Genetic Algorithm Visualization Using Self-organizing Maps*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 442–451.
- [45] Roy, R & Tiwari, A. (2002) *Generalised Regression GA for Handling Inseparable Function Interaction: Algorithm and Applications*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 452–463.
- [46] Ursem, R. K. (2002) *Diversity-Guided Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 462–474.
- [47] Muñoz, L. A. B. (2002) *Evolutionary Optimization of Heterogeneous Problems*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 475–484.
- [48] Dorado, J, Rabuñal, J. R, Santos, A, Pazos, A, & Rivero, D. (2002) *Automatic Recurrent and Feed-Forward ANN Rule and Expression Extraction with Genetic Programming*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 485–494.
- [49] Liu, Y & Yao, X. (2002) *Learning and Evolution by Minimization of Mutual Information*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 495–504.
- [50] Santos, V. M. R, Valdivieso, P. A. C, & Guervós, J. J. M. (2002) *Evolved RBF Networks for Time-Series Forecasting and Function Approximation*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 505–516.
- [51] González, J, Rojas, I, & Pomares, H. (2002) *Evolutionary Identification of Fuzzy Systems for Time-Series Prediction*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 517–526.

- [52] Jakob, W. (2002) *HyGLEAM - An Approach to Generally Applicable Hybridization of Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 527–536.
- [53] Smith, J. (2002) *Co-evolving Memetic Algorithms: Initial Investigations*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 537–548.
- [54] Bull, L & Studley, M. (2002) *Consideration of Multiple Objectives in Neural Learning Classifier Systems*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 549–557.
- [55] Bull, L. (2002) *On Using Constructivism in Neural Classifier Systems*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 558–567.
- [56] Bull, L, Wyatt, D, & Parmee, I. C. (2002) *Initial Modifications to XCS for Use in Interactive Evolutionary Design*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 568–577.
- [57] Pipe, A. G & Carse, B. (2002) *First Results from Experiments in Fuzzy Classifier System Architectures for Mobile Robotics*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 578–587.
- [58] Hurst, J, Bull, L, & Melhuish, C. (2002) *TCS Learning Classifier System Controller on a Real Robot*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 588–600.
- [59] Alba, E, Giacobini, M, Tomassini, M, & Romero, S. (2002) *Comparing Synchronous and Asynchronous Cellular Genetic Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 601–610.
- [60] Barbulescu, L, Howe, A. E, Watson, J.-P, & Whitley, L. D. (2002) *Satellite Range Scheduling: A Comparison of Genetic, Heuristic and Local Search*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 611–620.
- [61] Krink, T & Løvbjerg, M. (2002) *The LifeCycle Model: Combining Particle Swarm Optimisation, Genetic Algorithms and HillClimbers*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 621–630.
- [62] Sampels, M, Blum, C, Mastrolilli, M, & Rossi-Doria, O. (2002) *Metaheuristics for Group Shop Scheduling*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 631–640.
- [63] Tomassini, M, Vanneschi, L, de Vega, F. F, & Gil, G. G. (2002) *Experimental Investigation of Three Distributed Genetic Programming Models*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 641–650.
- [64] Zlochin, M & Dorigo, M. (2002) *Model-Based Search for Combinatorial Optimization: A Comparative Study*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 651–664.

- [65] Arenas, M. G, Collet, P, Eiben, A. E, Jelasity, M, Guervós, J. J. M, Paechter, B, Preuß, M, & Schoenauer, M. (2002) *A Framework for Distributed Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 665–675.
- [66] Valdivieso, P. A. C, Arenas, M. G, Castellano, J. G, Guervós, J. J. M, Santos, V. M. R, & Romero, G. (2002) *Optimisation of Multilayer Perceptrons Using a Distributed Evolutionary Algorithm with SOAP*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 676–688.
- [67] Anderson, E. F. (2002) *Off-Line Evolution of Behaviour for Autonomous Agents in Real-Time Computer Games*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 689–699.
- [68] Araujo, L. (2002) *A Parallel Evolutionary Algorithm for Stochastic Natural Language Parsing*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 700–709.
- [69] Cordon, O, Herrera-Viedma, E, & Luque, M. (2002) *Evolutionary Learning of Boolean Queries by Multiobjective Genetic Programming*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 710–719.
- [70] Cotta, C & Moscato, P. (2002) *Inferring Phylogenetic Trees Using Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 720–729.
- [71] Cotta, C & Muruzábal, J. (2002) *Towards a More Efficient Evolutionary Induction of Bayesian Networks*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 730–739.
- [72] García, H. F. G, Vega, A. G, Aguirre, A. H, Marroquín, J. L, & Coello, C. A. C. (2002) *Robust Multiscale Affine 2D-Image Registration through Evolutionary Strategies*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 740–748.
- [73] Garionis, R. (2002) *Synthesizing Graphical Models Employing Explaining Away*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 749–758.
- [74] Joan-Arinyo, R, Luzón, M. V, & Soto-Riera, A. (2002) *Constructive Geometric Constraint Solving: A New Application of Genetic Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 759–768.
- [75] Krasnogor, N, Blackburne, B. P, Burke, E. K, & Hirst, J. D. (2002) *Multimeme Algorithms for Protein Structure Prediction*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 769–778.
- [76] Mabed, H, Caminada, A, Hao, J.-K, & Renaud, D. (2002) *A Dynamic Traffic Model for Frequency Assignment*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 779–788.
- [77] Matsui, S, Watanabe, I, & ichi Tokoro, K. (2002) *A Parameter-Free Genetic Algorithm for a Fixed Channel Assignment Problem with Limited Bandwidth*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 789–799.

- [78] Matsui, S, Watanabe, I, & ichi Tokoro, K. (2002) *Real-Coded Parameter-Free Genetic Algorithm for Job-Shop Scheduling Problems*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 800–810.
- [79] Merz, P & Zell, A. (2002) *Clustering Gene Expression Profiles with Memetic Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 811–820.
- [80] Moore, J. H & Hahn, L. W. (2002) *Cellular Automata and Genetic Algorithms for Parallel Problem Solving in Human Genetics*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 821–830.
- [81] Motegi, M, Homma, N, Aoki, T, & Higuchi, T. (2002) *Evolutionary Graph Generation System and Its Application to Bit-Serial Arithmetic Circuit Synthesis*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 831–840.
- [82] Naujoks, B, Willmes, L, Bäck, T, & Haase, W. (2002) *Evaluating Multi-criteria Evolutionary Algorithms for Airfoil Optimisation*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 841–850.
- [83] Cowling, P. I, Kendall, G, & Soubeiga, E. (2002) *Hyperheuristics: A Robust Optimisation Method Applied to Nurse Scheduling*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 851–860.
- [84] Thomsen, R. (2002) *Evolving the Topology of Hidden Markov Models Using Evolutionary Algorithms*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 861–870.
- [85] Urquhart, N, Ross, P, Paechter, B, & Chisholm, K. (2002) *Solving a Real World Routing Problem Using Multiple Evolutionary Agents*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 871–882.
- [86] Bianchi, L, Gambardella, L. M, & Dorigo, M. (2002) *An Ant Colony Optimization Approach to the Probabilistic Traveling Salesman Problem*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 883–892.
- [87] Blum, C & Sampels, M. (2002) *When Model Bias Is Stronger than Selection Pressure*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 893–902.
- [88] Capcarrère, M. S. (2002) *Evolution of Asynchronous Cellular Automata*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 903–912.
- [89] Handl, J & Meyer, B. (2002) *Improved Ant-Based Clustering and Sorting*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 913–923.
- [90] Folino, G & Spezzano, G. (2002) *An Adaptive Flocking Algorithm for Spatial Clustering*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 924–933.
- [91] Tomassini, M & Venzi, M. (2002) *Evolution of Asynchronous Cellular Automata for the Density Task*, Lecture Notes in Computer Science, LNCS eds. Merelo-Guervós, J. J, Adamidis, P, Beyer, H.-G, nas, J.-L. F.-V, & Schwefel, H.-P. (Springer-Verlag, Granada, Spain), Vol. 2439, pp. 934–944.