

Список литературы

- [1] J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, editors, volume 2439 of *Lecture Notes in Computer Science, LNCS*, Granada, Spain, 2002, Springer-Verlag.
- [2] D. V. ARNOLD and H.-G. BEYER, Random Dynamics Optimum Tracking with Evolution Strategies, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 3–12, Granada, Spain, 2002, Springer-Verlag.
- [3] R. ERIKSSON and B. OLSSON, On the Behavior of Evolutionary Global-Local Hybrids with Dynamic Fitness Functions, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 13–22, Granada, Spain, 2002, Springer-Verlag.
- [4] J. I. VAN HEMERT and T. BÄCK, Measuring the Searched Space to Guide Efficiency: The Principle and Evidence on Constraint Satisfaction, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 23–32, Granada, Spain, 2002, Springer-Verlag.
- [5] T. JANSEN, On the Analysis of Dynamic Restart Strategies for Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 33–43, Granada, Spain, 2002, Springer-Verlag.
- [6] M. LAUMANN, L. THIELE, E. ZITZLER, E. WELZL, and K. DEB, Running Time Analysis of Multi-objective Evolutionary Algorithms on a Simple Discrete Optimization Problem, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 44–53, Granada, Spain, 2002, Springer-Verlag.
- [7] J. SCHARNOW, K. TINNEFELD, and I. WEGENER, Fitness Landscapes Based on Sorting and Shortest Paths Problems, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 54–63, Granada, Spain, 2002, Springer-Verlag.
- [8] K. WEICKER, Performance Measures for Dynamic Environments, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 64–76, Granada, Spain, 2002, Springer-Verlag.
- [9] C. ECKERT and J. GOTTLIEB, Direct Representation and Variation Operators for the Fixed Charge Transportation Problem, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 77–87, Granada, Spain, 2002, Springer-Verlag.
- [10] J. D. KNOWLES and R. A. WATSON, On the Utility of Redundant Encodings in Mutation-Based Evolutionary Search, in *Parallel Problem Solving from Nature - PPSN VII, 7th International*

- Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 88–98, Granada, Spain, 2002, Springer-Verlag.
- [11] F. ROTHLAUF, Binary Representations of Integers and the Performance of Selectorecombinative Genetic Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 99–110, Granada, Spain, 2002, Springer-Verlag.
 - [12] H. E. AGUIRRE and K. TANAKA, Parallel Varying Mutation in Deterministic and Self-adaptive GAs, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 111–121, Granada, Spain, 2002, Springer-Verlag.
 - [13] D. BÜCHE, G. GUIDATI, P. STOLL, and P. KOUMOUTSAKOS, Self-organizing Maps for Pareto Optimization of Airfoils, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 122–131, Granada, Spain, 2002, Springer-Verlag.
 - [14] D. CORNE, M. J. OATES, and D. B. KELL, On Fitness Distributions and Expected Fitness Gain of Mutation Rates in Parallel Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 132–141, Granada, Spain, 2002, Springer-Verlag.
 - [15] B. DOLIN, M. G. ARENAS, and J. J. M. GUERVÓS, Opposites Attract: Complementary Phenotype Selection for Crossover in Genetic Programming, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 142–152, Granada, Spain, 2002, Springer-Verlag.
 - [16] C. HERVÁS-MARTÍNEZ, D. ORTIZ-BOYER, and N. GARCÍA-PEDRAJAS, Theoretical Analysis of the Confidence Interval Based Crossover for Real-Coded Genetic Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 153–161, Granada, Spain, 2002, Springer-Verlag.
 - [17] K. IKEDA and S. KOBAYASHI, Deterministic Multi-step Crossover Fusion: A Handy Crossover Composition for GAs, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 162–171, Granada, Spain, 2002, Springer-Verlag.
 - [18] M. JELASITY, M. PREUSS, and A. E. EIBEN, Operator Learning for a Problem Class in a Distributed Peer-to-Peer Environment, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 172–183, Granada, Spain, 2002, Springer-Verlag.
 - [19] D. ORTIZ-BOYER, C. HERVÁS-MARTÍNEZ, and N. GARCÍA-PEDRAJAS, Crossover Operator Effect in Function Optimization with Constraints, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL,

- volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 184–193, Granada, Spain, 2002, Springer-Verlag.
- [20] T. P. RUNARSSON, Reducing Random Fluctuations in Mutative Self-adaptation, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 194–203, Granada, Spain, 2002, Springer-Verlag.
 - [21] G. R. RAIDL, G. KODYDEK, and B. A. JULSTROM, On Weight-Biased Mutation for Graph Problems, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 204–213, Granada, Spain, 2002, Springer-Verlag.
 - [22] R. THOMSEN and T. KRINK, Self-adaptive Operator Scheduling Using the Religion-Based EA, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 214–223, Granada, Spain, 2002, Springer-Verlag.
 - [23] S. TSUTSUI, Probabilistic Model-Building Genetic Algorithms in Permutation Representation Domain Using Edge Histogram, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 224–233, Granada, Spain, 2002, Springer-Verlag.
 - [24] D. WIESMANN, From Syntactical to Semantical Mutation Operators for Structure Optimization, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 234–246, Granada, Spain, 2002, Springer-Verlag.
 - [25] A. IORIO and X. LI, Parameter Control within a Co-operative Co-evolutionary Genetic Algorithm, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 247–256, Granada, Spain, 2002, Springer-Verlag.
 - [26] R. P. WIEGAND, W. C. LILES, and K. A. D. JONG, The Effects of Representational Bias on Collaboration Methods in Cooperative Coevolution, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 257–270, Granada, Spain, 2002, Springer-Verlag.
 - [27] N. JOZEFOWIEZ, F. SEMET, and E.-G. TALBI, Parallel and Hybrid Models for Multi-objective Optimization: Application to the Vehicle Routing Problem, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 271–280, Granada, Spain, 2002, Springer-Verlag.
 - [28] M. KANAZAKI, M. MORIKAWA, S. OBAYASHI, and K. NAKAHASHI, Multiobjective Design Optimization of Merging Configuration for an Exhaust Manifold of a Car Engine, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 281–287, Granada, Spain, 2002, Springer-Verlag.

- [29] N. KEERATIVUTTITUMRONG, N. CHAIYARATANA, and V. VARAVITHYA, Multi-objective Co-operative Co-evolutionary Genetic Algorithm, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 288–297, Granada, Spain, 2002, Springer-Verlag.
- [30] M. LAUMANN and J. OCENASEK, Bayesian Optimization Algorithms for Multi-objective Optimization, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 298–307, Granada, Spain, 2002, Springer-Verlag.
- [31] H. RICHTER, An Evolutionary Algorithm for Controlling Chaos: The Use of Multi-objective Fitness Functions, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 308–320, Granada, Spain, 2002, Springer-Verlag.
- [32] P. ADAMIDIS and V. PETRIDIS, On Modelling Evolutionary Algorithm Implementations through Co-operating Populations, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 321–330, Granada, Spain, 2002, Springer-Verlag.
- [33] P. A. N. BOSMAN and D. THIERENS, Permutation Optimization by Iterated Estimation of Random Keys Marginal Product Factorizations, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 331–340, Granada, Spain, 2002, Springer-Verlag.
- [34] E. K. BURKE, S. M. GUSTAFSON, G. KENDALL, and N. KRASNOGOR, Advanced Population Diversity Measures in Genetic Programming, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 341–350, Granada, Spain, 2002, Springer-Verlag.
- [35] Y.-P. CHEN and D. E. GOLDBERG, Introducing Start Expression Genes to the Linkage Learning Genetic Algorithm, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 351–360, Granada, Spain, 2002, Springer-Verlag.
- [36] M. EMMERICH, A. GIOTIS, M. ÖZDEMİR, T. BÄCK, and K. GIANNAKOGLU, Metamodel-Assisted Evolution Strategies, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 361–370, Granada, Spain, 2002, Springer-Verlag.
- [37] M. GIACOBINI, M. TOMASSINI, and L. VANNESCHI, Limiting the Number of Fitness Cases in Genetic Programming Using Statistics, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 371–380, Granada, Spain, 2002, Springer-Verlag.

- [38] J. HORN, Resource-Based Fitness Sharing, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 381–390, Granada, Spain, 2002, Springer-Verlag.
- [39] J. HUHSE, T. VILLMANN, P. MERZ, and A. ZELL, Evolution Strategy with Neighborhood Attraction Using a Neural Gas Approach, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 391–400, Granada, Spain, 2002, Springer-Verlag.
- [40] P. LIU, F. C. M. LAU, M. J. LEWIS, and C.-L. WANG, A New Asynchronous Parallel Evolutionary Algorithm for Function Optimization, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 401–410, Granada, Spain, 2002, Springer-Verlag.
- [41] S. LUKE and L. PANAIT, Fighting Bloat with Nonparametric Parsimony Pressure, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 411–421, Granada, Spain, 2002, Springer-Verlag.
- [42] S. D. MÜLLER, N. HANSEN, and P. KOUMOUTSAKOS, Increasing the Serial and the Parallel Performance of the CMA-Evolution Strategy with Large Populations, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 422–431, Granada, Spain, 2002, Springer-Verlag.
- [43] C. MUNTEANU and A. C. ROSA, Adaptive Reservoir Genetic Algorithm with On-Line Decision Making, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 432–441, Granada, Spain, 2002, Springer-Verlag.
- [44] G. ROMERO, J. J. M. GUERVÓS, P. A. C. VALDIVIESO, J. G. CASTELLANO, and M. G. ARENAS, Genetic Algorithm Visualization Using Self-organizing Maps, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 442–451, Granada, Spain, 2002, Springer-Verlag.
- [45] R. ROY and A. TIWARI, Generalised Regression GA for Handling Inseparable Function Interaction: Algorithm and Applications, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 452–463, Granada, Spain, 2002, Springer-Verlag.
- [46] R. K. URSEM, Diversity-Guided Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 462–474, Granada, Spain, 2002, Springer-Verlag.

- [47] L. A. B. MUÑOZ, Evolutionary Optimization of Heterogeneous Problems, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 475–484, Granada, Spain, 2002, Springer-Verlag.
- [48] J. DORADO, J. R. RABUÑAL, A. SANTOS, A. PAZOS, and D. RIVERO, Automatic Recurrent and Feed-Forward ANN Rule and Expression Extraction with Genetic Programming, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 485–494, Granada, Spain, 2002, Springer-Verlag.
- [49] Y. LIU and X. YAO, Learning and Evolution by Minimization of Mutual Information, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 495–504, Granada, Spain, 2002, Springer-Verlag.
- [50] V. M. R. SANTOS, P. A. C. VALDIVIESO, and J. J. M. GUERVÓS, Evolved RBF Networks for Time-Series Forecasting and Function Approximation, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 505–516, Granada, Spain, 2002, Springer-Verlag.
- [51] J. GONZÁLEZ, I. ROJAS, and H. POMARES, Evolutive Identification of Fuzzy Systems for Time-Series Prediction, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 517–526, Granada, Spain, 2002, Springer-Verlag.
- [52] W. JAKOB, HyGLEAM - An Approach to Generally Applicable Hybridization of Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 527–536, Granada, Spain, 2002, Springer-Verlag.
- [53] J. SMITH, Co-evolving Memetic Algorithms: Initial Investigations, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 537–548, Granada, Spain, 2002, Springer-Verlag.
- [54] L. BULL and M. STUDLEY, Consideration of Multiple Objectives in Neural Learning Classifier Systems, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 549–557, Granada, Spain, 2002, Springer-Verlag.
- [55] L. BULL, On Using Constructivism in Neural Classifier Systems, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 558–567, Granada, Spain, 2002, Springer-Verlag.
- [56] L. BULL, D. WYATT, and I. C. PARMEE, Initial Modifications to XCS for Use in Interactive Evolutionary Design, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 568–577, Granada, Spain, 2002, Springer-Verlag.

- [57] A. G. PIPE and B. CARSE, First Results from Experiments in Fuzzy Classifier System Architectures for Mobile Robotics, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 578–587, Granada, Spain, 2002, Springer-Verlag.
- [58] J. HURST, L. BULL, and C. MELHUISE, TCS Learning Classifier System Controller on a Real Robot, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 588–600, Granada, Spain, 2002, Springer-Verlag.
- [59] E. ALBA, M. GIACOBINI, M. TOMASSINI, and S. ROMERO, Comparing Synchronous and Asynchronous Cellular Genetic Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 601–610, Granada, Spain, 2002, Springer-Verlag.
- [60] L. BARBULESCU, A. E. HOWE, J.-P. WATSON, and L. D. WHITLEY, Satellite Range Scheduling: A Comparison of Genetic, Heuristic and Local Search, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 611–620, Granada, Spain, 2002, Springer-Verlag.
- [61] T. KRINK and M. LØVBJERG, The LifeCycle Model: Combining Particle Swarm Optimisation, Genetic Algorithms and HillClimbers, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 621–630, Granada, Spain, 2002, Springer-Verlag.
- [62] M. SAMPELS, C. BLUM, M. MASTROLILLI, and O. ROSSI-DORIA, Metaheuristics for Group Shop Scheduling, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 631–640, Granada, Spain, 2002, Springer-Verlag.
- [63] M. TOMASSINI, L. VANNESCHI, F. F. DE VEGA, and G. G. GIL, Experimental Investigation of Three Distributed Genetic Programming Models, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 641–650, Granada, Spain, 2002, Springer-Verlag.
- [64] M. ZLOCHIN and M. DORIGO, Model-Based Search for Combinatorial Optimization: A Comparative Study, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 651–664, Granada, Spain, 2002, Springer-Verlag.
- [65] M. G. ARENAS, P. COLLET, A. E. EIBEN, M. JELASITY, J. J. M. GUERVÓS, B. PAECHTER, M. PREUSS, and M. SCHOENAUER, A Framework for Distributed Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 665–675, Granada, Spain, 2002, Springer-Verlag.

- [66] P. A. C. VALDIVIESO, M. G. ARENAS, J. G. CASTELLANO, J. J. M. GUERVÓS, V. M. R. SANTOS, and G. ROMERO, Optimisation of Multilayer Perceptrons Using a Distributed Evolutionary Algorithm with SOAP, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 676–688, Granada, Spain, 2002, Springer-Verlag.
- [67] E. F. ANDERSON, Off-Line Evolution of Behaviour for Autonomous Agents in Real-Time Computer Games, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 689–699, Granada, Spain, 2002, Springer-Verlag.
- [68] L. ARAUJO, A Parallel Evolutionary Algorithm for Stochastic Natural Language Parsing, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 700–709, Granada, Spain, 2002, Springer-Verlag.
- [69] O. CORDÓN, E. HERRERA-VIEDMA, and M. LUQUE, Evolutionary Learning of Boolean Queries by Multiobjective Genetic Programming, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 710–719, Granada, Spain, 2002, Springer-Verlag.
- [70] C. COTTA and P. MOSCATO, Inferring Phylogenetic Trees Using Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 720–729, Granada, Spain, 2002, Springer-Verlag.
- [71] C. COTTA and J. MURUZÁBAL, Towards a More Efficient Evolutionary Induction of Bayesian Networks, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 730–739, Granada, Spain, 2002, Springer-Verlag.
- [72] H. F. G. GARCÍA, A. G. VEGA, A. H. AGUIRRE, J. L. MARROQUÍN, and C. A. C. COELLO, Robust Multiscale Affine 2D-Image Registration through Evolutionary Strategies, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 740–748, Granada, Spain, 2002, Springer-Verlag.
- [73] R. GARIONIS, Synthesizing Graphical Models Employing Explaining Away, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 749–758, Granada, Spain, 2002, Springer-Verlag.
- [74] R. JOAN-ARINYO, M. V. LUZÓN, and A. SOTO-RIERA, Constructive Geometric Constraint Solving: A New Application of Genetic Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 759–768, Granada, Spain, 2002, Springer-Verlag.

- [75] N. KRASNOGOR, B. P. BLACKBURNE, E. K. BURKE, and J. D. HIRST, Multimeme Algorithms for Protein Structure Prediction, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 769–778, Granada, Spain, 2002, Springer-Verlag.
- [76] H. MABED, A. CAMINADA, J.-K. HAO, and D. RENAUD, A Dynamic Traffic Model for Frequency Assignment, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 779–788, Granada, Spain, 2002, Springer-Verlag.
- [77] S. MATSUI, I. WATANABE, and K. ICHI TOKORO, A Parameter-Free Genetic Algorithm for a Fixed Channel Assignment Problem with Limited Bandwidth, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 789–799, Granada, Spain, 2002, Springer-Verlag.
- [78] S. MATSUI, I. WATANABE, and K. ICHI TOKORO, Real-Coded Parameter-Free Genetic Algorithm for Job-Shop Scheduling Problems, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 800–810, Granada, Spain, 2002, Springer-Verlag.
- [79] P. MERZ and A. ZELL, Clustering Gene Expression Profiles with Memetic Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 811–820, Granada, Spain, 2002, Springer-Verlag.
- [80] J. H. MOORE and L. W. HAHN, Cellular Automata and Genetic Algorithms for Parallel Problem Solving in Human Genetics, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 821–830, Granada, Spain, 2002, Springer-Verlag.
- [81] M. MOTEGI, N. HOMMA, T. AOKI, and T. HIGUCHI, Evolutionary Graph Generation System and Its Application to Bit-Serial Arithmetic Circuit Synthesis, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 831–840, Granada, Spain, 2002, Springer-Verlag.
- [82] B. NAUJOKS, L. WILLMES, T. BÄCK, and W. HAASE, Evaluating Multi-criteria Evolutionary Algorithms for Airfoil Optimisation, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 841–850, Granada, Spain, 2002, Springer-Verlag.
- [83] P. I. COWLING, G. KENDALL, and E. SOUBEIGA, Hyperheuristics: A Robust Optimisation Method Applied to Nurse Scheduling, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 851–860, Granada, Spain, 2002, Springer-Verlag.

- [84] R. THOMSEN, Evolving the Topology of Hidden Markov Models Using Evolutionary Algorithms, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 861–870, Granada, Spain, 2002, Springer-Verlag.
- [85] N. URQUHART, P. ROSS, B. PAECHTER, and K. CHISHOLM, Solving a Real World Routing Problem Using Multiple Evolutionary Agents, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 871–882, Granada, Spain, 2002, Springer-Verlag.
- [86] L. BIANCHI, L. M. GAMBARELLA, and M. DORIGO, An Ant Colony Optimization Approach to the Probabilistic Traveling Salesman Problem, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 883–892, Granada, Spain, 2002, Springer-Verlag.
- [87] C. BLUM and M. SAMPELS, When Model Bias Is Stronger than Selection Pressure, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 893–902, Granada, Spain, 2002, Springer-Verlag.
- [88] M. S. CAPCARRÈRE, Evolution of Asynchronous Cellular Automata, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 903–912, Granada, Spain, 2002, Springer-Verlag.
- [89] J. HANDL and B. MEYER, Improved Ant-Based Clustering and Sorting, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 913–923, Granada, Spain, 2002, Springer-Verlag.
- [90] G. FOLINO and G. SPEZZANO, An Adaptive Flocking Algorithm for Spatial Clustering, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 924–933, Granada, Spain, 2002, Springer-Verlag.
- [91] M. TOMASSINI and M. VENZI, Evolution of Asynchronous Cellular Automata for the Density Task, in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, edited by J. J. MERELO-GUERVÓS, P. ADAMIDIS, H.-G. BEYER, J.-L. F.-V. NAS, and H.-P. SCHWEFEL, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 934–944, Granada, Spain, 2002, Springer-Verlag.