

## Список литературы

- [1] J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://springerlink.metapress.com/openurl.asp?genre=issue&issn=0302-9743&volume=2439>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 3–12. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=3>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 13–22. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=13>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 23–32. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=23>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 33–43. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=33>.
- [6] M. Laumanns, 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 44–53. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=44>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 54–63. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=54>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 64–76. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=64>.

- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 77–87. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=77>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 88–98. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=88>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 99–110. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=99>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 111–121. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=111>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 122–131. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=122>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 132–141. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=132>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 142–152. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=142>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and

- H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 153–161. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=153>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 162–171. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=162>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 172–183. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=172>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 184–193. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=184>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 194–203. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=194>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 204–213. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=204>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 214–223. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=214>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 224–233. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=224>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 234–246. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=234>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 247–256. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=247>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 257–270. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=257>.
- [27] N. Jozefowicz, 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 271–280. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=271>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 281–287. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=281>.
- [29] N. Keeratitittumrong, 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 288–297. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=288>.
- [30] M. Laumanns 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 298–307. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=298>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 308–320. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=308>.



- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 321–330. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=321>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 331–340. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=331>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 341–350. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=341>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 351–360. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=351>.
- [36] M. Emmerich, A. Giotis, M. Özdemir, T. Bäck, and K. Giannakoglou, "Metamodel-Assisted Evolution Strategies," in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 361–370. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=361>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 371–380. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=371>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 381–390. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=381>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of

- Lecture Notes in Computer Science, LNCS*, pp. 391–400. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=391>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 401–410. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=401>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 411–421. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=411>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 422–431. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=422>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 432–441. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=432>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 442–451. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=442>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 452–463. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=452>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 462–474. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=462>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 475–484. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=475>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 485–494. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=485>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 495–504. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=495>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 505–516. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=505>.
- [51] J. González, I. Rojas, and H. Pomares, “Evolutionary 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 517–526. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=517>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 527–536. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=527>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 537–548. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=537>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 549–557. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=549>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 558–567. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=558>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 568–577. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=568>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 578–587. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=578>.
- [58] J. Hurst, L. Bull, and C. Melhuish, “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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 588–600. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=588>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 601–610. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=601>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 611–620. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=611>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 621–630. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=621>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 631–640. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=631>.



- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 641–650. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=641>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 651–664. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=651>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 665–675. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=665>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 676–688. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=676>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 689–699. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=689>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 700–709. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=700>.
- [69] O. Cordon, 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 710–719. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=710>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L.

- F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 720–729. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=720>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 730–739. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=730>.
- [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 Evolution ary Strategies,” in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 740–748. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=740>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 749–758. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=749>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 759–768. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=759>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 769–778. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=769>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 779–788. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=779>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 789–799. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=789>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 800–810. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=800>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 811–820. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=811>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 821–830. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=821>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 831–840. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=831>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 841–850. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=841>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 851–860. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=851>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 861–870. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=861>.
  - [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 871–882. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=871>.

- [86] L. Bianchi, L. M. Gambardella, 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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 883–892. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=883>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 893–902. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=893>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 903–912. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=903>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 913–923. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=913>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 924–933. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=924>.
- [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*, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, eds., vol. 2439 of *Lecture Notes in Computer Science, LNCS*, pp. 934–944. Springer-Verlag, Granada, Spain, 7–11sept., 2002. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=934>.