

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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&page=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=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&spage=934>.