

Список литературы

- [Adamidis and Petridis(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 321–330. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=321>
- [Aguirre and Tanaka(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 111–121. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=111>
- [Alba et al.(2002)Alba, Giacobini, Tomassini, and Romero] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 601–610. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=601>
- [Anderson(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 689–699. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=689>
- [Araujo(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 700–709. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=700>
- [Arenas et al.(2002)Arenas, Collet, Eiben, Jelasity, Guervós, Paechter, Preuß, and Schoenauer] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 665–675. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=665>
- [Arnold and Beyer(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 3–12. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=3>
- [Barbulescu et al.(2002)Barbulescu, Howe, Watson, and Whitley] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 611–620. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=611>
- [Bianchi et al.(2002)Bianchi, Gambardella, and Dorigo] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 883–892. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=883>
- [Blum and Sampels(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 893–902. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=893>
- [Bosman and Thierens(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 331–340. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=331>
- [Büche et al.(2002)Büche, Guidati, Stoll, and Koumoutsakos] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 122–131. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=122>
- [Bull(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 558–567. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=558>
- [Bull and Studley(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 549–557. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=549>
- [Bull et al.(2002)Bull, Wyatt, and Parmee] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 568–577. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=568>

- [Burke et al.(2002)Burke, Gustafson, Kendall, and Krasnogor] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 341–350. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=341>
- [Capcarrère(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 903–912. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=903>
- [Chen and Goldberg(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 351–360. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=351>
- [Cordón et al.(2002)Cordón, Herrera-Viedma, and Luque] O. Cordón, E. Herrera-Viedma, and M. Luque, “Evolutionary learning of boolean queries by multiobjective genetic programming,” in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 710–719. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=710>
- [Corne et al.(2002)Corne, Oates, and Kell] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 132–141. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=132>
- [Cotta and Moscato(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 720–729. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=720>
- [Cotta and Muruzábal(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 730–739. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=730>
- [Cowling et al.(2002)Cowling, Kendall, and Soubeiga] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol.

2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 851–860. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=851>
- [Dolin et al.(2002)] Dolin, Arenas, and Guervós] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 142–152. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=142>
- [Dorado et al.(2002)] Dorado, Rabuñal, Santos, Pazos, and Rivero] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 485–494. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=485>
- [Eckert and Gottlieb(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 77–87. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=77>
- [Emmerich et al.(2002)] Emmerich, Giotis, Özdemir, Bäck, and Giannakoglou] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 361–370. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=361>
- [Eriksson and Olsson(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 13–22. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=13>
- [Folino and Spezzano(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 924–933. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=924>
- [García et al.(2002)] García, Vega, Aguirre, Marroquín, and Coello] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 740–748. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=740>

- [Garionis(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 749–758. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=749>
- [Giacobini et al.(2002)Giacobini, Tomassini, and Vanneschi] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 371–380. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=371>
- [González et al.(2002)González, Rojas, and Pomares] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 517–526. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=517>
- [Handl and Meyer(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 913–923. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=913>
- [Hervás-Martínez et al.(2002)Hervás-Martínez, Ortiz-Boyer, and García-Pedrajas] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 153–161. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=153>
- [Horn(2002)] J. Horn, “Resource-based fitness sharing,” in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 381–390. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=381>
- [Huhse et al.(2002)Huhse, Villmann, Merz, and Zell] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 391–400. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=391>
- [Hurst et al.(2002)Hurst, Bull, and Melhuish] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439.

- Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 588–600. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=588>
- [Ikeda and Kobayashi(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 162–171. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=162>
- [Iorio and Li(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 247–256. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=247>
- [Jakob(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 527–536. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=527>
- [Jansen(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 33–43. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=33>
- [Jelasity et al.(2002)] Jelasity, Preuß, and Eiben] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 172–183. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=172>
- [Joan-Arinyo et al.(2002)]Joan-Arinyo, Luzón, and Soto-Riera] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 759–768. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=759>
- [Jozefowicz et al.(2002)]Jozefowicz, Semet, and Talbi] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 271–280. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=271>
- [Kanazaki et al.(2002)]Kanazaki, Morikawa, Obayashi, and Nakahashi] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 281–287. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=281>
- [Keerativuttitumrong et al.(2002)Keerativuttitumrong, Chaiyaratana, and Varavithya] N. Keerativuttitumrong, N. Chaiyaratana, and V. Varavithya, “Multi-objective co-operative co-evolutionary genetic algorithm,” in *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 288–297. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=288>
- [Knowles and Watson(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 88–98. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=88>
- [Krasnogor et al.(2002)Krasnogor, Blackburne, Burke, and Hirst] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 769–778. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=769>
- [Krink and Løvbjerg(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 621–630. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=621>
- [Laumanns and Ocenasek(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 298–307. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=298>
- [Laumanns et al.(2002)Laumanns, Thiele, Zitzler, Welzl, and Deb] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 44–53. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=44>
- [Liu et al.(2002)Liu, Lau, Lewis, and Wang] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 401–410. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=401>
- [Liu and Yao(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 495–504. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=495>
- [Luke and Panait(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 411–421. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=411>
- [Mabed et al.(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 779–788. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=779>
- [Matsui et al.(2002a)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 789–799. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=789>
- [Matsui et al.(2002b)] —, “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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 800–810. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=800>
- [Merelo-Guervós et al.(2002)] J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., ser. Lecture Notes in Computer Science, LNCS, vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002. [Online]. Available: <http://springerlink.metapress.com/openurl.asp?genre=issue&issn=0302-9743&volume=2439>
- [Merz and Zell(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 811–820. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=811>
- [Moore and Hahn(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 821-830. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=821>
- [Motegi et al.(2002)Motegi, Homma, Aoki, and Higuchi] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 831-840. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=831>
- [Müller et al.(2002)Müller, Hansen, and Koumoutsakos] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 422-431. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=422>
- [Muñoz(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 475-484. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=475>
- [Munteanu and Rosa(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 432-441. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=432>
- [Naujoks et al.(2002)Naujoks, Willmes, Bäck, and Haase] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 841-850. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=841>
- [Ortiz-Boyer et al.(2002)Ortiz-Boyer, Hervás-Martínez, and García-Pedrajas] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7-11Sep. 2002, pp. 184-193. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=184>
- [Pipe and Carse(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 578–587. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=578>
- [Raidl et al.(2002)Raidl, Kodydek, and Julstrom] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 204–213. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=204>
- [Richter(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 308–320. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=308>
- [Romero et al.(2002)Romero, Guervós, Valdivieso, Castellano, and Arenas] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 442–451. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=442>
- [Rothlauf(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 99–110. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=99>
- [Roy and Tiwari(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 452–463. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=452>
- [Runarsson(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 194–203. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=194>
- [Sampels et al.(2002)Sampels, Blum, Mastrolilli, and Rossi-Doria] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 631–640. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=631>

- [Santos et al.(2002)Santos, Valdivieso, and Guervós] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 505–516. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=505>
- [Scharnow et al.(2002)Scharnow, Tinnefeld, and Wegener] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 54–63. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=54>
- [Smith(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 537–548. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=537>
- [Thomsen(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 861–870. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=861>
- [Thomsen and Krink(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 214–223. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=214>
- [Tomassini and Venzi(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 934–944. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=934>
- [Tomassini et al.(2002)Tomassini, Vanneschi, de Vega, and Gil] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 641–650. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=641>
- [Tsutsui(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439.

- Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 224–233. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=224>
- [Urquhart et al.(2002)Urquhart, Ross, Paechter, and Chisholm] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 871–882. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=871>
- [Ursem(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 462–474. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=462>
- [Valdivieso et al.(2002)Valdivieso, Arenas, Castellano, Guervós, Santos, and Romero] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 676–688. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=676>
- [van Hemert and Bäck(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 23–32. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=23>
- [Weicker(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 64–76. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=64>
- [Wiegand et al.(2002)Wiegand, Liles, and Jong] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 257–270. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=257>
- [Wiesmann(2002)] 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*, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 234–246. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=234>
- [Zlochin and Dorigo(2002)] 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, ser. Lecture Notes in Computer Science, LNCS, J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, and H.-P. Schwefel, Eds., vol. 2439. Granada, Spain: Springer-Verlag, 7–11Sep. 2002, pp. 651–664. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=651>