

## Список литературы

- [Adamidis & Petridis(2002)] Adamidis, P. & Petridis, V. (2002). On modelling evolutionary algorithm implementations through co-operating populations. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 321–330. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=321>.
- [Aguirre & Tanaka(2002)] Aguirre, H. E. & Tanaka, K. (2002). Parallel varying mutation in deterministic and self-adaptive GAs. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 111–121. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=111>.
- [Alba et al.(2002)Alba, Giacobini, Tomassini, & Romero] Alba, E., Giacobini, M., Tomassini, M., & Romero, S. (2002). Comparing synchronous and asynchronous cellular genetic algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 601–610. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=601>.
- [Anderson(2002)] Anderson, E. F. (2002). Off-line evolution of behaviour for autonomous agents in real-time computer games. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 689–699. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=689>.
- [Araujo(2002)] Araujo, L. (2002). A parallel evolutionary algorithm for stochastic natural language parsing. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 700–709. URL <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, & Schoenauer] Arenas, M. G., Collet, P., Eiben, A. E., Jelasity, M., Guervós, J. J. M., Paechter, B., Preuß, M., & Schoenauer, M. (2002). A framework for distributed evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 665–675. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=665>.
- [Arnold & Beyer(2002)] Arnold, D. V. & Beyer, H.-G. (2002). Random dynamics optimum tracking with evolution strategies. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 3–12. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=3>.
- [Barbulescu et al.(2002)Barbulescu, Howe, Watson, & Whitley] Barbulescu, L., Howe, A. E., Watson, J.-P., & Whitley, L. D. (2002). Satellite range scheduling: A comparison of genetic, heuristic and local search. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P.

- Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 611–620. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=611>.
- [Bianchi *et al.*(2002)Bianchi, Gambardella, & Dorigo] Bianchi, L., Gambardella, L. M., & Dorigo, M. (2002). An ant colony optimization approach to the probabilistic traveling salesman problem. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 883–892. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=883>.
- [Blum & Sampels(2002)] Blum, C. & Sampels, M. (2002). When model bias is stronger than selection pressure. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 893–902. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=893>.
- [Bosman & Thierens(2002)] Bosman, P. A. N. & Thierens, D. (2002). Permutation optimization by iterated estimation of random keys marginal product factorizations. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 331–340. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=331>.
- [Büche *et al.*(2002)Büche, Guidati, Stoll, & Koumoutsakos] Büche, D., Guidati, G., Stoll, P., & Koumoutsakos, P. (2002). Self-organizing maps for pareto optimization of airfoils. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 122–131. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=122>.
- [Bull(2002)] Bull, L. (2002). On using constructivism in neural classifier systems. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 558–567. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=558>.
- [Bull & Studley(2002)] Bull, L. & Studley, M. (2002). Consideration of multiple objectives in neural learning classifier systems. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 549–557. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=549>.
- [Bull *et al.*(2002)Bull, Wyatt, & Parmee] Bull, L., Wyatt, D., & Parmee, I. C. (2002). Initial modifications to XCS for use in interactive evolutionary design. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 568–577. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=568>.
- [Burke *et al.*(2002)Burke, Gustafson, Kendall, & Krasnogor] Burke, E. K., Gustafson, S. M., Kendall, G., & Krasnogor, N. (2002). Advanced population diversity measures in genetic programming.

- In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 341–350. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=341>.
- [Capcarrère(2002)] Capcarrère, M. S. (2002). Evolution of asynchronous cellular automata. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 903–912. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=903>.
- [Chen & Goldberg(2002)] Chen, Y.-P. & Goldberg, D. E. (2002). Introducing start expression genes to the linkage learning genetic algorithm. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 351–360. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=351>.
- [Cordon *et al.*(2002)] Cordon, O., Herrera-Viedma, E., & Luque, M. (2002). Evolutionary learning of boolean queries by multiobjective genetic programming. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 710–719. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=710>.
- [Corne *et al.*(2002)] Corne, D., Oates, M. J., & Kell, D. B. (2002). On fitness distributions and expected fitness gain of mutation rates in parallel evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 132–141. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=132>.
- [Cotta & Moscato(2002)] Cotta, C. & Moscato, P. (2002). Inferring phylogenetic trees using evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 720–729. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=720>.
- [Cotta & Muruzábal(2002)] Cotta, C. & Muruzábal, J. (2002). Towards a more efficient evolutionary induction of bayesian networks. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 730–739. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=730>.
- [Cowling *et al.*(2002)] Cowling, P. I., Kendall, G., & Soubeiga, E. (2002). Hyperheuristics: A robust optimisation method applied to nurse scheduling. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 851–860. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=851>.

- [Dolin *et al.*(2002)] Dolin, Arenas, & Guervós] Dolin, B., Arenas, M. G., & Guervós, J. J. M. (2002). Opposites attract: Complementary phenotype selection for crossover in genetic programming. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 142–152. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=142>.
- [Dorado *et al.*(2002)] Dorado, Rabuñal, Santos, Pazos, & Rivero] Dorado, J., Rabuñal, J. R., Santos, A., Pazos, A., & Rivero, D. (2002). Automatic recurrent and feed-forward ANN rule and expression extraction with genetic programming. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 485–494. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=485>.
- [Eckert & Gottlieb(2002)] Eckert, C. & Gottlieb, J. (2002). Direct representation and variation operators for the fixed charge transportation problem. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 77–87. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=77>.
- [Emmerich *et al.*(2002)] Emmerich, Giotis, Özdemir, Bäck, & Giannakoglou] Emmerich, M., Giotis, A., Özdemir, M., Bäck, T., & Giannakoglou, K. (2002). Metamodel-assisted evolution strategies. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 361–370. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=361>.
- [Eriksson & Olsson(2002)] Eriksson, R. & Olsson, B. (2002). On the behavior of evolutionary global-local hybrids with dynamic fitness functions. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 13–22. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=13>.
- [Folino & Spezzano(2002)] Folino, G. & Spezzano, G. (2002). An adaptive flocking algorithm for spatial clustering. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 924–933. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=924>.
- [García *et al.*(2002)] García, Vega, Aguirre, Marroquín, & Coello] García, H. F. G., Vega, A. G., Aguirre, A. H., Marroquín, J. L., & Coello, C. A. C. (2002). Robust multiscale affine 2D-image registration through evolution ary strategies. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 740–748. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=740>.
- [Garionis(2002)] Garionis, R. (2002). Synthesizing graphical models employing explaining away. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain,*



- September 7-11, 2002. *Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 749–758. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=749>.
- [Giacobini *et al.*(2002)Giacobini, Tomassini, & Vanneschi] Giacobini, M., Tomassini, M., & Vanneschi, L. (2002). Limiting the number of fitness cases in genetic programming using statistics. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 371–380. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=371>.
- [González *et al.*(2002)González, Rojas, & Pomares] González, J., Rojas, I., & Pomares, H. (2002). Evolutionary identification of fuzzy systems for time-series prediction. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 517–526. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=517>.
- [Handl & Meyer(2002)] Handl, J. & Meyer, B. (2002). Improved ant-based clustering and sorting. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 913–923. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=913>.
- [Hervás-Martínez *et al.*(2002)Hervás-Martínez, Ortiz-Boyer, & García-Pedrajas] Hervás-Martínez, C., Ortiz-Boyer, D., & García-Pedrajas, N. (2002). Theoretical analysis of the confidence interval based crossover for real-coded genetic algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 153–161. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=153>.
- [Horn(2002)] Horn, J. (2002). Resource-based fitness sharing. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 381–390. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=381>.
- [Huhse *et al.*(2002)Huhse, Villmann, Merz, & Zell] Huhse, J., Villmann, T., Merz, P., & Zell, A. (2002). Evolution strategy with neighborhood attraction using a neural gas approach. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 391–400. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=391>.
- [Hurst *et al.*(2002)Hurst, Bull, & Melhuish] Hurst, J., Bull, L., & Melhuish, C. (2002). TCS learning classifier system controller on a real robot. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 588–600. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=588>.

- [Ikeda & Kobayashi(2002)] Ikeda, K. & Kobayashi, S. (2002). Deterministic multi-step crossover fusion: A handy crossover composition for GAs. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 162–171. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=162>.
- [Iorio & Li(2002)] Iorio, A. & Li, X. (2002). Parameter control within a co-operative co-evolutionary genetic algorithm. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 247–256. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=247>.
- [Jakob(2002)] Jakob, W. (2002). HyGLEAM - an approach to generally applicable hybridization of evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 527–536. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=527>.
- [Jansen(2002)] Jansen, T. (2002). On the analysis of dynamic restart strategies for evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 33–43. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=33>.
- [Jelasity *et al.*(2002)] Jelasity, M., Preuß, M., & Eiben, A. E. (2002). Operator learning for a problem class in a distributed peer-to-peer environment. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 172–183. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=172>.
- [Joan-Arinyo *et al.*(2002)] Joan-Arinyo, R., Luzón, M. V., & Soto-Riera, A. (2002). Constructive geometric constraint solving: A new application of genetic algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 759–768. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=759>.
- [Jozefowiez *et al.*(2002)] Jozefowiez, N., Semet, F., & Talbi, E.-G. (2002). Parallel and hybrid models for multi-objective optimization: Application to the vehicle routing problem. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 271–280. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=271>.
- [Kanazaki *et al.*(2002)] Kanazaki, M., Morikawa, M., Obayashi, S., & Nakahashi, K. (2002). Multiobjective design optimization of merging configuration for an exhaust manifold of a car engine. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 281–287.

URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=281>.

- [Keerativuttitumrong *et al.*(2002)Keerativuttitumrong, Chaiyaratana, & Varavithya] Keerativuttitumrong, N., Chaiyaratana, N., & Varavithya, V. (2002). Multi-objective co-operative co-evolutionary genetic algorithm. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 288–297. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=288>.
- [Knowles & Watson(2002)] Knowles, J. D. & Watson, R. A. (2002). On the utility of redundant encodings in mutation-based evolutionary search. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 88–98. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=88>.
- [Krasnogor *et al.*(2002)Krasnogor, Blackburne, Burke, & Hirst] Krasnogor, N., Blackburne, B. P., Burke, E. K., & Hirst, J. D. (2002). Multimeme algorithms for protein structure prediction. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 769–778. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=769>.
- [Krink & Løvbjerg(2002)] Krink, T. & Løvbjerg, M. (2002). The lifecycle model: Combining particle swarm optimisation, genetic algorithms and hillclimbers. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 621–630. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=621>.
- [Laumanns & Ocenasek(2002)] Laumanns, M. & Ocenasek, J. (2002). Bayesian optimization algorithms for multi-objective optimization. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 298–307. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=298>.
- [Laumanns *et al.*(2002)Laumanns, Thiele, Zitzler, Welzl, & Deb] Laumanns, M., Thiele, L., Zitzler, E., Welzl, E., & Deb, K. (2002). Running time analysis of multi-objective evolutionary algorithms on a simple discrete optimization problem. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 44–53. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=44>.
- [Liu *et al.*(2002)Liu, Lau, Lewis, & Wang] Liu, P., Lau, F. C. M., Lewis, M. J., & Wang, C.-L. (2002). A new asynchronous parallel evolutionary algorithm for function optimization. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 401–410. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=401>.

- [Liu & Yao(2002)] Liu, Y. & Yao, X. (2002). Learning and evolution by minimization of mutual information. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 495–504. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=495>.
- [Luke & Panait(2002)] Luke, S. & Panait, L. (2002). Fighting bloat with nonparametric parsimony pressure. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 411–421. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=411>.
- [Mabed *et al.*(2002)] Mabed, Caminada, Hao, & Renaud] Mabed, H., Caminada, A., Hao, J.-K., & Renaud, D. (2002). A dynamic traffic model for frequency assignment. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 779–788. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=779>.
- [Matsui *et al.*(2002a)] Matsui, Watanabe, & ichi Tokoro] Matsui, S., Watanabe, I., & ichi Tokoro, K. (2002a). A parameter-free genetic algorithm for a fixed channel assignment problem with limited bandwidth. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 789–799. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=789>.
- [Matsui *et al.*(2002b)] Matsui, Watanabe, & ichi Tokoro] Matsui, S., Watanabe, I., & ichi Tokoro, K. (2002b). Real-coded parameter-free genetic algorithm for job-shop scheduling problems. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 800–810. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=800>.
- [Merelo-Guervós *et al.*(2002)] Merelo-Guervós, Adamidis, Beyer, nas, & Schwefel] Merelo-Guervós, J. J., Adamidis, P., Beyer, H.-G., nas, J.-L. F.-V., & Schwefel, H.-P. (Eds.) (2002). vol. 2439 of *Lecture Notes in Computer Science, LNCS*. Granada, Spain: Springer-Verlag. URL <http://springerlink.metapress.com/openurl.asp?genre=issue&issn=0302-9743&volume=2439>.
- [Merz & Zell(2002)] Merz, P. & Zell, A. (2002). Clustering gene expression profiles with memetic algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 811–820. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=811>.
- [Moore & Hahn(2002)] Moore, J. H. & Hahn, L. W. (2002). Cellular automata and genetic algorithms for parallel problem solving in human genetics. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 821–830. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=821>.
- [Motegi *et al.*(2002)] Motegi, Homma, Aoki, & Higuchi] Motegi, M., Homma, N., Aoki, T., & Higuchi, T. (2002). Evolutionary graph generation system and its application to bit-serial arithmetic circuit



- synthesis. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 831–840. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=831>.
- [Müller *et al.*(2002)] Müller, Hansen, & Koumoutsakos] Müller, S. D., Hansen, N., & Koumoutsakos, P. (2002). Increasing the serial and the parallel performance of the CMA-evolution strategy with large populations. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 422–431. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=422>.
- [Muñoz(2002)] Muñoz, L. A. B. (2002). Evolutionary optimization of heterogeneous problems. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 475–484. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=475>.
- [Munteanu & Rosa(2002)] Munteanu, C. & Rosa, A. C. (2002). Adaptive reservoir genetic algorithm with on-line decision making. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 432–441. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=432>.
- [Naujoks *et al.*(2002)] Naujoks, Willmes, Bäck, & Haase] Naujoks, B., Willmes, L., Bäck, T., & Haase, W. (2002). Evaluating multi-criteria evolutionary algorithms for airfoil optimisation. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 841–850. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=841>.
- [Ortiz-Boyer *et al.*(2002)] Ortiz-Boyer, Hervás-Martínez, & García-Pedrajas] Ortiz-Boyer, D., Hervás-Martínez, C., & García-Pedrajas, N. (2002). Crossover operator effect in function optimization with constraints. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 184–193. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=184>.
- [Pipe & Carse(2002)] Pipe, A. G. & Carse, B. (2002). First results from experiments in fuzzy classifier system architectures for mobile robotics. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 578–587. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=578>.
- [Raidl *et al.*(2002)] Raidl, Kodydek, & Julstrom] Raidl, G. R., Kodydek, G., & Julstrom, B. A. (2002). On weight-biased mutation for graph problems. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 204–213. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=204>.

- [Richter(2002)] Richter, H. (2002). An evolutionary algorithm for controlling chaos: The use of multi-objective fitness functions. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 308–320. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=308>.
- [Romero et al.(2002)] Romero, Guervós, Valdivieso, Castellano, & Arenas] Romero, G., Guervós, J. J. M., Valdivieso, P. A. C., Castellano, J. G., & Arenas, M. G. (2002). Genetic algorithm visualization using self-organizing maps. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 442–451. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=442>.
- [Rothlauf(2002)] Rothlauf, F. (2002). Binary representations of integers and the performance of selectorecombinative genetic algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 99–110. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=99>.
- [Roy & Tiwari(2002)] Roy, R. & Tiwari, A. (2002). Generalised regression GA for handling inseparable function interaction: Algorithm and applications. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 452–463. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=452>.
- [Runarsson(2002)] Runarsson, T. P. (2002). Reducing random fluctuations in mutative self-adaptation. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 194–203. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=194>.
- [Sampels et al.(2002)] Sampels, Blum, Mastrolilli, & Rossi-Doria] Sampels, M., Blum, C., Mastrolilli, M., & Rossi-Doria, O. (2002). Metaheuristics for group shop scheduling. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 631–640. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=631>.
- [Santos et al.(2002)] Santos, Valdivieso, & Guervós] Santos, V. M. R., Valdivieso, P. A. C., & Guervós, J. J. M. (2002). Evolved RBF networks for time-series forecasting and function approximation. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*. Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 505–516. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&spage=505>.
- [Scharnow et al.(2002)] Scharnow, Tinnefeld, & Wegener] Scharnow, J., Tinnefeld, K., & Wegener, I. (2002). Fitness landscapes based on sorting and shortest paths problems. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem*

- Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 54–63. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=54>.
- [Smith(2002)] Smith, J. (2002). Co-evolving memetic algorithms: Initial investigations. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 537–548. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=537>.
- [Thomsen(2002)] Thomsen, R. (2002). Evolving the topology of hidden markov models using evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 861–870. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=861>.
- [Thomsen & Krink(2002)] Thomsen, R. & Krink, T. (2002). Self-adaptive operator scheduling using the religion-based EA. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 214–223. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=214>.
- [Tomassini et al.(2002)] Tomassini, Vanneschi, de Vega, & Gil] Tomassini, M., Vanneschi, L., de Vega, F. F., & Gil, G. G. (2002). Experimental investigation of three distributed genetic programming models. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 641–650. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=641>.
- [Tomassini & Venzi(2002)] Tomassini, M. & Venzi, M. (2002). Evolution of asynchronous cellular automata for the density task. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 934–944. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=934>.
- [Tsutsui(2002)] Tsutsui, S. (2002). Probabilistic model-building genetic algorithms in permutation representation domain using edge histogram. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 224–233. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=224>.
- [Urquhart et al.(2002)] Urquhart, Ross, Paechter, & Chisholm] Urquhart, N., Ross, P., Paechter, B., & Chisholm, K. (2002). Solving a real world routing problem using multiple evolutionary agents. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 871–882. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=871>.
- [Ursem(2002)] Ursem, R. K. (2002). Diversity-guided evolutionary algorithms. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem*

- Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 462–474. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=462>.
- [Valdivieso *et al.*(2002)Valdivieso, Arenas, Castellano, Guervós, Santos, & Romero] Valdivieso, P. A. C., Arenas, M. G., Castellano, J. G., Guervós, J. J. M., Santos, V. M. R., & Romero, G. (2002). Optimisation of multilayer perceptrons using a distributed evolutionary algorithm with SOAP. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 676–688. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=676>.
- [van Hemert & Bäck(2002)] van Hemert, J. I. & Bäck, T. (2002). Measuring the searched space to guide efficiency: The principle and evidence on constraint satisfaction. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 23–32. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=23>.
- [Weicker(2002)] Weicker, K. (2002). Performance measures for dynamic environments. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 64–76. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=64>.
- [Wiegand *et al.*(2002)Wiegand, Liles, & Jong] Wiegand, R. P., Liles, W. C., & Jong, K. A. D. (2002). The effects of representational bias on collaboration methods in cooperative coevolution. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 257–270. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=257>.
- [Wiesmann(2002)] Wiesmann, D. (2002). From syntactical to semantical mutation operators for structure optimization. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 234–246. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=234>.
- [Zlochin & Dorigo(2002)] Zlochin, M. & Dorigo, M. (2002). Model-based search for combinatorial optimization: A comparative study. In J. J. Merelo-Guervós, P. Adamidis, H.-G. Beyer, J.-L. F.-V. nas, & H.-P. Schwefel (Eds.), *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings.* Granada, Spain: Springer-Verlag, vol. 2439 of *Lecture Notes in Computer Science, LNCS*, 651–664. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=2439&page=651>.