

Список литературы

- [Adamidis and Petridis(2002)] Panagiotis Adamidis and Vassilios Petridis. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 321–330, Granada, Spain. Springer-Verlag.
- [Aguirre and Tanaka(2002)] Hernán E. Aguirre and Kiyoshi Tanaka. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 111–121, Granada, Spain. Springer-Verlag.
- [Alba et al.(2002)Alba, Giacobini, Tomassini, and Romero] Enrique Alba, Mario Giacobini, Marco Tomassini, and Sergio Romero. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 601–610, Granada, Spain. Springer-Verlag.
- [Anderson(2002)] Eike Falk Anderson. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 689–699, Granada, Spain. Springer-Verlag.
- [Araujo(2002)] Lourdes Araujo. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 700–709, Granada, Spain. Springer-Verlag.
- [Arenas et al.(2002)Arenas, Collet, Eiben, Jelasity, Guervós, Paechter, Preuß, and Schoenauer] Maribel García Arenas, Pierre Collet, A. E. Eiben, Márk Jelasity, Juan J. Merelo Guervós, Ben Paechter, Mike Preuß, and Marc Schoenauer. 2002. [A framework for distributed evolutionary algorithms](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 665–675, Granada, Spain. Springer-Verlag.
- [Arnold and Beyer(2002)] Dirk V. Arnold and Hans-Georg Beyer. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 3–12, Granada, Spain. Springer-Verlag.
- [Barbulescu et al.(2002)Barbulescu, Howe, Watson, and Whitley] Laura Barbulescu, Adele E. Howe, Jean-Paul Watson, and L. Darrell Whitley. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 611–620, Granada, Spain. Springer-Verlag.
- [Bianchi et al.(2002)Bianchi, Gambardella, and Dorigo] Leonora Bianchi, Luca Maria Gambardella, and Marco Dorigo. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 883–892, Granada, Spain. Springer-Verlag.
- [Blum and Sampels(2002)] Christian Blum and Michael Sampels. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 893–902, Granada, Spain. Springer-Verlag.
- [Bosman and Thierens(2002)] Peter A. N. Bosman and Dirk Thierens. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 331–340, Granada, Spain. Springer-Verlag.
- [Büche et al.(2002)Büche, Guidati, Stoll, and Koumoutsakos] Dirk Büche, Gianfranco Guidati, Peter Stoll, and Petros Koumoutsakos. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 122–131, Granada, Spain. Springer-Verlag.
- [Bull(2002)] Larry Bull. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 558–567, Granada, Spain. Springer-Verlag.
- [Bull and Studley(2002)] Larry Bull and Matt Studley. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 549–557, Granada, Spain. Springer-Verlag.
- [Bull et al.(2002)Bull, Wyatt, and Parmee] Larry Bull, David Wyatt, and Ian C. Parmee. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 568–577, Granada, Spain. Springer-Verlag.
- [Burke et al.(2002)Burke, Gustafson, Kendall, and Krasnogor] Edmund K. Burke, Steven M. Gustafson, Graham Kendall, and Natalio Krasnogor. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 341–350, Granada, Spain. Springer-Verlag.
- [Capcarrère(2002)] Mathieu S. Capcarrère. 2002. [Evolution of asynchronous cellular automata](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 903–912, Granada, Spain. Springer-Verlag.
- [Chen and Goldberg(2002)] Ying-Ping Chen and David E. Goldberg. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 351–360, Granada, Spain. Springer-Verlag.
- [Cordón et al.(2002)Cordón, Herrera-Viedma, and Luque] Oscar Cordon, Enrique Herrera-Viedma, and María Luque. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 710–719, Granada, Spain. Springer-Verlag.
- [Corne et al.(2002)Corne, Oates, and Kell] David Corne, Martin J. Oates, and Douglas B. Kell. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 132–141, Granada, Spain. Springer-Verlag.
- [Cotta and Moscato(2002)] Carlos Cotta and Pablo Moscato. 2002. [Inferring phylogenetic trees using evolutionary algorithms](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 720–729, Granada, Spain. Springer-Verlag.

- [Cotta and Muruzábal(2002)] Carlos Cotta and Jorge Muruzábal. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 730–739, Granada, Spain. Springer-Verlag.
- [Cowling et al.(2002)Cowling, Kendall, and Soubeiga] Peter I. Cowling, Graham Kendall, and Eric Soubeiga. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 851–860, Granada, Spain. Springer-Verlag.
- [Dolin et al.(2002)Dolin, Arenas, and Guervós] Brad Dolin, Maribel García Arenas, and Juan J. Merelo Guervós. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 142–152, Granada, Spain. Springer-Verlag.
- [Dorado et al.(2002)Dorado, Rabuñal, Santos, Pazos, and Rivero] Julian Dorado, Juan R. Rabuñal, Antonino Santos, Alejandro Pazos, and Daniel Rivero. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 485–494, Granada, Spain. Springer-Verlag.
- [Eckert and Gottlieb(2002)] Christoph Eckert and Jens Gottlieb. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 77–87, Granada, Spain. Springer-Verlag.
- [Emmerich et al.(2002)Emmerich, Giotis, Özdemir, Bäck, and Giannakoglou] Michael Emmerich, Alexios Giotis, Mutlu Özdemir, Thomas Bäck, and Kyriakos Giannakoglou. 2002. [Metamodel-assisted evolution strategies](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 361–370, Granada, Spain. Springer-Verlag.
- [Eriksson and Olsson(2002)] Roger Eriksson and Björn Olsson. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 13–22, Granada, Spain. Springer-Verlag.
- [Folino and Spezzano(2002)] Gianluigi Folino and Giandomenico Spezzano. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 924–933, Granada, Spain. Springer-Verlag.
- [García et al.(2002)García, Vega, Aguirre, Marroquín, and Coello] Héctor Fernando Gómez García, Arturo González Vega, Arturo Hernández Aguirre, José L. Marroquín, and Carlos A. Coello Coello. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 740–748, Granada, Spain. Springer-Verlag.
- [Garionis(2002)] Ralf Garionis. 2002. [Synthesizing graphical models employing explaining away](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 749–758, Granada, Spain. Springer-Verlag.

- [Giacobini et al.(2002)Giacobini, Tomassini, and Vanneschi] Mario Giacobini, Marco Tomassini, and Leonardo Vanneschi. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 371–380, Granada, Spain. Springer-Verlag.
- [González et al.(2002)González, Rojas, and Pomares] Jesús González, Ignacio Rojas, and Héctor Pomares. 2002. [Evolutive identification of fuzzy systems for time-series prediction](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 517–526, Granada, Spain. Springer-Verlag.
- [Handl and Meyer(2002)] Julia Handl and Bernd Meyer. 2002. [Improved ant-based clustering and sorting](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 913–923, Granada, Spain. Springer-Verlag.
- [van Hemert and Bäck(2002)] Jano I. van Hemert and Thomas Bäck. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 23–32, Granada, Spain. Springer-Verlag.
- [Hervás-Martínez et al.(2002)Hervás-Martínez, Ortiz-Boyer, and García-Pedrajas] César Hervás-Martínez, Domingo Ortiz-Boyer, and Nicolás García-Pedrajas. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 153–161, Granada, Spain. Springer-Verlag.
- [Horn(2002)] Jeffrey Horn. 2002. [Resource-based fitness sharing](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 381–390, Granada, Spain. Springer-Verlag.
- [Huhse et al.(2002)Huhse, Villmann, Merz, and Zell] Jutta Huhse, Thomas Villmann, Peter Merz, and Andreas Zell. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 391–400, Granada, Spain. Springer-Verlag.
- [Hurst et al.(2002)Hurst, Bull, and Melhuish] Jacob Hurst, Larry Bull, and Chris Melhuish. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 588–600, Granada, Spain. Springer-Verlag.
- [Ikeda and Kobayashi(2002)] Kokoro Ikeda and Shigenobu Kobayashi. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 162–171, Granada, Spain. Springer-Verlag.
- [Iorio and Li(2002)] Antony Iorio and Xiaodong Li. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 247–256, Granada, Spain. Springer-Verlag.
- [Jakob(2002)] Wilfried Jakob. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 527–536, Granada, Spain. Springer-Verlag.
- [Jansen(2002)] Thomas Jansen. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 33–43, Granada, Spain. Springer-Verlag.
- [Jelasity et al.(2002)Jelasity, Preuß, and Eiben] Márk Jelasity, Mike Preuß, and A. E. Eiben. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 172–183, Granada, Spain. Springer-Verlag.
- [Joan-Arinyo et al.(2002)Joan-Arinyo, Luzón, and Soto-Riera] Robert Joan-Arinyo, M. V. Luzón, and Antoni Soto-Riera. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 759–768, Granada, Spain. Springer-Verlag.
- [Jozefowicz et al.(2002)Jozefowicz, Semet, and Talbi] Nicolas Jozefowicz, Frédéric Semet, and El-Ghazali Talbi. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 271–280, Granada, Spain. Springer-Verlag.
- [Kanazaki et al.(2002)Kanazaki, Morikawa, Obayashi, and Nakahashi] Masahiro Kanazaki, Masashi Morikawa, Shigeru Obayashi, and Kazuhiro Nakahashi. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 281–287, Granada, Spain. Springer-Verlag.
- [Keerativuttitumrong et al.(2002)Keerativuttitumrong, Chaiyaratana, and Varavithya] Nattavut Keerativuttitumrong, Nachol Chaiyaratana, and Vara Varavithya. 2002. [Multi-objective cooperative co-evolutionary genetic algorithm](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 288–297, Granada, Spain. Springer-Verlag.
- [Knowles and Watson(2002)] Joshua D. Knowles and Richard A. Watson. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 88–98, Granada, Spain. Springer-Verlag.
- [Krasnogor et al.(2002)Krasnogor, Blackburne, Burke, and Hirst] Natalio Krasnogor, B. P. Blackburne, Edmund K. Burke, and Jonathan D. Hirst. 2002. [Multimeme algorithms for protein structure prediction](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 769–778, Granada, Spain. Springer-Verlag.
- [Krink and Løvbjerg(2002)] Thiemo Krink and Morten Løvbjerg. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 621–630, Granada, Spain. Springer-Verlag.
- [Laumanns and Ocenasek(2002)] Marco Laumanns and Jiri Ocenasek. 2002. [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*, volume

- 2439 of *Lecture Notes in Computer Science, LNCS*, pages 298–307, Granada, Spain. Springer-Verlag.
- [Laumanns et al.(2002)Laumanns, Thiele, Zitzler, Welzl, and Deb] Marco Laumanns, Lothar Thiele, Eckart Zitzler, Emo Welzl, and Kalyanmoy Deb. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 44–53, Granada, Spain. Springer-Verlag.
- [Liu et al.(2002)Liu, Lau, Lewis, and Wang] Pu Liu, Francis C. M. Lau, Michael J. Lewis, and Cho-Li Wang. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 401–410, Granada, Spain. Springer-Verlag.
- [Liu and Yao(2002)] Yong Liu and Xin Yao. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 495–504, Granada, Spain. Springer-Verlag.
- [Luke and Panait(2002)] Sean Luke and Liviu Panait. 2002. [Fighting bloat with nonparametric parsimony pressure](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 411–421, Granada, Spain. Springer-Verlag.
- [Mabed et al.(2002)Mabed, Caminada, Hao, and Renaud] Hakim Mabed, Alexandre Caminada, Jin-Kao Hao, and Denis Renaud. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 779–788, Granada, Spain. Springer-Verlag.
- [Matsui et al.(2002a)Matsui, Watanabe, and ichi Tokoro] Shouichi Matsui, Isamu Watanabe, and Ken ichi Tokoro. 2002a. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 789–799, Granada, Spain. Springer-Verlag.
- [Matsui et al.(2002b)Matsui, Watanabe, and ichi Tokoro] Shouichi Matsui, Isamu Watanabe, and Ken ichi Tokoro. 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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 800–810, Granada, Spain. Springer-Verlag.
- [Merelo-Guervós et al.(2002)Merelo-Guervós, Adamidis, Beyer, nas, and Schwefel] Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas, and Hans-Paul Schwefel, editors. 2002. volume 2439 of *Lecture Notes in Computer Science, LNCS*. Springer-Verlag, Granada, Spain. [\[link\]](#).
- [Merz and Zell(2002)] Peter Merz and Andreas Zell. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 811–820, Granada, Spain. Springer-Verlag.
- [Moore and Hahn(2002)] Jason H. Moore and Lance W. Hahn. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 821–830, Granada, Spain. Springer-Verlag.

- [Motegi et al.(2002)Motegi, Homma, Aoki, and Higuchi] Makoto Motegi, Naofumi Homma, Takafumi Aoki, and Tatsuo Higuchi. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 831–840, Granada, Spain. Springer-Verlag.
- [Müller et al.(2002)Müller, Hansen, and Koumoutsakos] Sibylle D. Müller, Nikolaus Hansen, and Petros Koumoutsakos. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 422–431, Granada, Spain. Springer-Verlag.
- [Muñoz(2002)] Lluís A. Belanche Muñoz. 2002. [Evolutionary optimization of heterogeneous problems](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 475–484, Granada, Spain. Springer-Verlag.
- [Munteanu and Rosa(2002)] Cristian Munteanu and Agostinho C. Rosa. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 432–441, Granada, Spain. Springer-Verlag.
- [Naujoks et al.(2002)Naujoks, Willmes, Bäck, and Haase] Boris Naujoks, Lars Willmes, Thomas Bäck, and Werner Haase. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 841–850, Granada, Spain. Springer-Verlag.
- [Ortiz-Boyer et al.(2002)Ortiz-Boyer, Hervás-Martínez, and García-Pedrajas] Domingo Ortiz-Boyer, César Hervás-Martínez, and Nicolás García-Pedrajas. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 184–193, Granada, Spain. Springer-Verlag.
- [Pipe and Carse(2002)] Anthony G. Pipe and Brian Carse. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 578–587, Granada, Spain. Springer-Verlag.
- [Raidl et al.(2002)Raidl, Kodydek, and Julstrom] Günther R. Raidl, Gabriele Kodydek, and Bryant A. Julstrom. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 204–213, Granada, Spain. Springer-Verlag.
- [Richter(2002)] Hendrik Richter. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 308–320, Granada, Spain. Springer-Verlag.
- [Romero et al.(2002)Romero, Guervós, Valdivieso, Castellano, and Arenas] Gustavo Romero, Juan J. Merelo Guervós, Pedro A. Castillo Valdivieso, J. G. Castellano, and Maribel García Arenas. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 442–451, Granada, Spain. Springer-Verlag.

- [Rothlauf(2002)] Franz Rothlauf. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 99–110, Granada, Spain. Springer-Verlag.
- [Roy and Tiwari(2002)] Rajkumar Roy and Ashutosh Tiwari. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 452–463, Granada, Spain. Springer-Verlag.
- [Runarsson(2002)] Thomas Philip Runarsson. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 194–203, Granada, Spain. Springer-Verlag.
- [Sampels et al.(2002)] Sampels, Blum, Mastrolilli, and Rossi-Doria] Michael Sampels, Christian Blum, Monaldo Mastrolilli, and Olivia Rossi-Doria. 2002. [Metaheuristics for group shop scheduling](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 631–640, Granada, Spain. Springer-Verlag.
- [Santos et al.(2002)] Santos, Valdivieso, and Guervós] Víctor Manuel Rivas Santos, Pedro A. Castillo Valdivieso, and Juan J. Merelo Guervós. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 505–516, Granada, Spain. Springer-Verlag.
- [Scharnow et al.(2002)] Scharnow, Tinnefeld, and Wegener] Jens Scharnow, Karsten Tinnefeld, and Ingo Wegener. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 54–63, Granada, Spain. Springer-Verlag.
- [Smith(2002)] Jim Smith. 2002. [Co-evolving memetic algorithms: Initial investigations](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 537–548, Granada, Spain. Springer-Verlag.
- [Thomsen(2002)] René Thomsen. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 861–870, Granada, Spain. Springer-Verlag.
- [Thomsen and Krink(2002)] René Thomsen and Thiemo Krink. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 214–223, Granada, Spain. Springer-Verlag.
- [Tomassini et al.(2002)] Tomassini, Vanneschi, de Vega, and Gil] Marco Tomassini, Leonardo Vanneschi, Francisco Fernández de Vega, and Germán Galeano Gil. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 641–650, Granada, Spain. Springer-Verlag.
- [Tomassini and Venzi(2002)] Marco Tomassini and Mattias Venzi. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 934–944, Granada, Spain. Springer-Verlag.

- [Tsutsui(2002)] Shigeyoshi Tsutsui. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 224–233, Granada, Spain. Springer-Verlag.
- [Urquhart et al.(2002)Urquhart, Ross, Paechter, and Chisholm] Neil Urquhart, Peter Ross, Ben Paechter, and Kenneth Chisholm. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 871–882, Granada, Spain. Springer-Verlag.
- [Ursem(2002)] Rasmus K. Ursem. 2002. [Diversity-guided evolutionary algorithms](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 462–474, Granada, Spain. Springer-Verlag.
- [Valdivieso et al.(2002)Valdivieso, Arenas, Castellano, Guervós, Santos, and Romero] Pedro A. Castillo Valdivieso, Maribel García Arenas, J. G. Castellano, Juan J. Merelo Guervós, Víctor Manuel Rivas Santos, and Gustavo Romero. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 676–688, Granada, Spain. Springer-Verlag.
- [Weicker(2002)] Karsten Weicker. 2002. [Performance measures for dynamic environments](#). In *Parallel Problem Solving from Nature - PPSN VII, 7th International Conference, Granada, Spain, September 7-11, 2002. Proceedings*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 64–76, Granada, Spain. Springer-Verlag.
- [Wiegand et al.(2002)Wiegand, Liles, and Jong] R. Paul Wiegand, William C. Liles, and Kenneth A. De Jong. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 257–270, Granada, Spain. Springer-Verlag.
- [Wiesmann(2002)] Dirk Wiesmann. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 234–246, Granada, Spain. Springer-Verlag.
- [Zlochin and Dorigo(2002)] Mark Zlochin and Marco Dorigo. 2002. [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*, volume 2439 of *Lecture Notes in Computer Science, LNCS*, pages 651–664, Granada, Spain. Springer-Verlag.