

## Список литературы

- [Adamidis 02] Panagiotis Adamidis & Vassilios Petridis. *On Modelling Evolutionary Algorithm Implementations through Co-operating Populations*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Aguirre 02] Hernán E. Aguirre & Kiyoshi Tanaka. *Parallel Varying Mutation in Deterministic and Self-adaptive GAs*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Alba 02] Enrique Alba, Mario Giacobini, Marco Tomassini & Sergio Romero. *Comparing Synchronous and Asynchronous Cellular Genetic Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Anderson 02] Eike Falk Anderson. *Off-Line Evolution of Behaviour for Autonomous Agents in Real-Time Computer Games*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Araujo 02] Lourdes Araujo. *A Parallel Evolutionary Algorithm for Stochastic Natural Language Parsing*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Arenas 02] Maribel García Arenas, Pierre Collet, A. E. Eiben, Márk Jelasity, Juan J. Merelo Guervós, Ben Paechter, Mike Preuß & Marc Schoenauer. *A Framework for Distributed Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Arnold 02] Dirk V. Arnold & Hans-Georg Beyer. *Random Dynamics Optimum Tracking with Evolution Strategies*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Barbulescu 02]

Laura Barbulescu, Adele E. Howe, Jean-Paul Watson & L. Darrell Whitley. *Satellite Range Scheduling: A Comparison of Genetic, Heuristic and Local Search*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Bianchi 02]

Leonora Bianchi, Luca Maria Gambardella & Marco Dorigo. *An Ant Colony Optimization Approach to the Probabilistic Traveling Salesman Problem*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Blum 02]

Christian Blum & Michael Sampels. *When Model Bias Is Stronger than Selection Pressure*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Bosman 02]

Peter A. N. Bosman & Dirk Thierens. *Permutation Optimization by Iterated Estimation of Random Keys Marginal Product Factorizations*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Büche 02]

Dirk Büche, Gianfranco Guidati, Peter Stoll & Petros Koumoutsakos. *Self-organizing Maps for Pareto Optimization of Airfoils*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Bull 02a]

Larry Bull. *On Using Constructivism in Neural Classifier Systems*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.

[Bull 02b]

Larry Bull & Matt Studley. *Consideration of Multiple Objectives in Neural Learning Classifier Systems*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Bull 02c] Larry Bull, David Wyatt & Ian C. Parmee. *Initial Modifications to XCS for Use in Interactive Evolutionary Design*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Burke 02] Edmund K. Burke, Steven M. Gustafson, Graham Kendall & Natalio Krasnogor. *Advanced Population Diversity Measures in Genetic Programming*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Capcarrère 02] Mathieu S. Capcarrère. *Evolution of Asynchronous Cellular Automata*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Chen 02] Ying-Ping Chen & David E. Goldberg. *Introducing Start Expression Genes to the Linkage Learning Genetic Algorithm*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Cordón 02] Oscar Cordón, Enrique Herrera-Viedma & María Luque. *Evolutionary Learning of Boolean Queries by Multiobjective Genetic Programming*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Corne 02] David Corne, Martin J. Oates & Douglas B. Kell. *On Fitness Distributions and Expected Fitness Gain of Mutation Rates in Parallel Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Cotta 02a] Carlos Cotta & Pablo Moscato. *Inferring Phylogenetic Trees Using Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.
- [Cotta 02b] Carlos Cotta & Jorge Muruzábal. *Towards a More Efficient Evolutionary Induction of Bayesian Networks*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Cowling 02] Peter I. Cowling, Graham Kendall & Eric Soubeiga. *Hyperheuristics: A Robust Optimisation Method Applied to Nurse Scheduling*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Dolin 02] Brad Dolin, Maribel García Arenas & Juan J. Merelo Guervós. *Opposites Attract: Complementary Phenotype Selection for Crossover in Genetic Programming*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Dorado 02] Julian Dorado, Juan R. Rabuñal, Antonino Santos, Alejandro Pazos & Daniel Rivero. *Automatic Recurrent and Feed-Forward ANN Rule and Expression Extraction with Genetic Programming*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Eckert 02] Christoph Eckert & Jens Gottlieb. *Direct Representation and Variation Operators for the Fixed Charge Transportation Problem*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Emmerich 02] Michael Emmerich, Alexios Giotis, Mutlu Özdemir, Thomas Bäck & Kyriakos Giannakoglou. *Metamodel-Assisted Evolution Strategies*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Eriksson 02] Roger Eriksson & Björn Olsson. *On the Behavior of Evolutionary Global-Local Hybrids with Dynamic Fitness Functions*. In Juan J. Merelo-Guervós,

- Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Folino 02] Gianluigi Folino & Giandomenico Spezzano. *An Adaptive Flocking Algorithm for Spatial Clustering*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [García 02] Héctor Fernando Gómez García, Arturo González Vega, Arturo Hernández Aguirre, José L. Marroquín & Carlos A. Coello Coello. *Robust Multiscale Affine 2D-Image Registration through Evolutionary Strategies*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Garionis 02] Ralf Garionis. *Synthesizing Graphical Models Employing Explaining Away*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Giacobini 02] Mario Giacobini, Marco Tomassini & Leonardo Vanneschi. *Limiting the Number of Fitness Cases in Genetic Programming Using Statistics*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [González 02] Jesús González, Ignacio Rojas & Héctor Pomares. *Evolutionary Identification of Fuzzy Systems for Time-Series Prediction*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Handl 02] Julia Handl & Bernd Meyer. *Improved Ant-Based Clustering and Sorting*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Hervás-Martínez 02] César Hervás-Martínez, Domingo Ortiz-Boyer & Nicolás García-Pedrajas. *Theoretical Analysis of the Confidence Interval Based Crossover for Real-Coded Genetic Algorithms*. In Juan J. Merelo-Guervós, Panagiotis

- Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Horn 02] Jeffrey Horn. *Resource-Based Fitness Sharing*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Huhse 02] Jutta Huhse, Thomas Villmann, Peter Merz & Andreas Zell. *Evolution Strategy with Neighborhood Attraction Using a Neural Gas Approach*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Hurst 02] Jacob Hurst, Larry Bull & Chris Melhuish. *TCS Learning Classifier System Controller on a Real Robot*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Ikeda 02] Kokoro Ikeda & Shigenobu Kobayashi. *Deterministic Multi-step Crossover Fusion: A Handy Crossover Composition for GAs*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Iorio 02] Antony Iorio & Xiaodong Li. *Parameter Control within a Co-operative Co-evolutionary Genetic Algorithm*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Jakob 02] Wilfried Jakob. *HyGLEAM - An Approach to Generally Applicable Hybridization of Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.
- [Jansen 02] Thomas Jansen. *On the Analysis of Dynamic Restart Strategies for Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, *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, 7–11September 2002. Springer-Verlag.

[Jelasity 02]

Márk Jelasity, Mike Preuß & A. E. Eiben. *Operator Learning for a Problem Class in a Distributed Peer-to-Peer Environment*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.

[Joan-Arinyo 02]

Robert Joan-Arinyo, M. V. Luzón & Antoni Soto-Riera. *Constructive Geometric Constraint Solving: A New Application of Genetic Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.

[Jozefowicz 02]

Nicolas Jozefowicz, Frédéric Semet & El-Ghazali Talbi. *Parallel and Hybrid Models for Multi-objective Optimization: Application to the Vehicle Routing Problem*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.

[Kanazaki 02]

Masahiro Kanazaki, Masashi Morikawa, Shigeru Obayashi & Kazuhiro Nakahashi. *Multiobjective Design Optimization of Merging Configuration for an Exhaust Manifold of a Car Engine*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.

[Keerativuttitumrong 02]

Nattavut Keerativuttitumrong, Nachol Chaiyaratana & Vara Varavithya. *Multi-objective Co-operative Co-evolutionary Genetic Algorithm*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.

[Knowles 02]

Joshua D. Knowles & Richard A. Watson. *On the Utility of Redundant Encodings in Mutation-Based Evolutionary Search*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editeurs, 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, 7–11September 2002. Springer-Verlag.

[Krasnogor 02]

Natalio Krasnogor, B. P. Blackburne, Edmund K. Burke & Jonathan D. Hirst. *Multimeme Algorithms for Protein Structure Prediction*. In

Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.

- [Krink 02] Thiemo Krink & Morten Løvbjerg. *The LifeCycle Model: Combining Particle Swarm Optimisation, Genetic Algorithms and HillClimbers*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Laumanns 02a] Marco Laumanns & Jiri Ocenasek. *Bayesian Optimization Algorithms for Multi-objective Optimization*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Laumanns 02b] Marco Laumanns, Lothar Thiele, Eckart Zitzler, Emo Welzl & Kalyanmoy Deb. *Running Time Analysis of Multi-objective Evolutionary Algorithms on a Simple Discrete Optimization Problem*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Liu 02a] Pu Liu, Francis C. M. Lau, Michael J. Lewis & Cho-Li Wang. *A New Asynchronous Parallel Evolutionary Algorithm for Function Optimization*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Liu 02b] Yong Liu & Xin Yao. *Learning and Evolution by Minimization of Mutual Information*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Luke 02] Sean Luke & Liviu Panait. *Fighting Bloat with Nonparametric Parsimony Pressure*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.



- [Mabed 02] Hakim Mabed, Alexandre Caminada, Jin-Kao Hao & Denis Renaud. *A Dynamic Traffic Model for Frequency Assignment*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Matsui 02a] Shouichi Matsui, Isamu Watanabe & Ken ichi Tokoro. *A Parameter-Free Genetic Algorithm for a Fixed Channel Assignment Problem with Limited Bandwidth*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Matsui 02b] Shouichi Matsui, Isamu Watanabe & Ken ichi Tokoro. *Real-Coded Parameter-Free Genetic Algorithm for Job-Shop Scheduling Problems*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Merelo-Guervós 02] Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors. volume 2439 of *Lecture Notes in Computer Science, LNCS*, Granada, Spain, 7–11September 2002. Springer-Verlag.
- [Merz 02] Peter Merz & Andreas Zell. *Clustering Gene Expression Profiles with Memetic Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Moore 02] Jason H. Moore & Lance W. Hahn. *Cellular Automata and Genetic Algorithms for Parallel Problem Solving in Human Genetics*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Motegi 02] Makoto Motegi, Naofumi Homma, Takafumi Aoki & Tatsuo Higuchi. *Evolutionary Graph Generation System and Its Application to Bit-Serial Arithmetic Circuit Synthesis*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Müller 02] Sibylle D. Müller, Nikolaus Hansen & Petros Koumoutsakos. *Increasing the Serial and the Parallel Performance of the CMA-Evolution Strategy*

- with Large Populations.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Muñoz 02] Lluís A. Belanche Muñoz. *Evolutionary Optimization of Heterogeneous Problems.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Munteanu 02] Cristian Munteanu & Agostinho C. Rosa. *Adaptive Reservoir Genetic Algorithm with On-Line Decision Making.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Naujoks 02] Boris Naujoks, Lars Willmes, Thomas Bäck & Werner Haase. *Evaluating Multi-criteria Evolutionary Algorithms for Airfoil Optimisation.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Ortiz-Boyer 02] Domingo Ortiz-Boyer, César Hervás-Martínez & Nicolás García-Pedrajas. *Crossover Operator Effect in Function Optimization with Constraints.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Pipe 02] Anthony G. Pipe & Brian Carse. *First Results from Experiments in Fuzzy Classifier System Architectures for Mobile Robotics.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Raidl 02] Günther R. Raidl, Gabriele Kodydek & Bryant A. Julstrom. *On Weight-Biased Mutation for Graph Problems.* In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Richter 02] Hendrik Richter. *An Evolutionary Algorithm for Controlling Chaos: The Use of Multi-objective Fitness Functions.* In Juan J. Merelo-Guervós, Panagiotis

- Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Romero 02] Gustavo Romero, Juan J. Merelo Guervós, Pedro A. Castillo Valdivieso, J. G. Castellano & Maribel García Arenas. *Genetic Algorithm Visualization Using Self-organizing Maps*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Rothlauf 02] Franz Rothlauf. *Binary Representations of Integers and the Performance of Selectorecombinative Genetic Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Roy 02] Rajkumar Roy & Ashutosh Tiwari. *Generalised Regression GA for Handling Inseparable Function Interaction: Algorithm and Applications*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Runarsson 02] Thomas Philip Runarsson. *Reducing Random Fluctuations in Mutative Self-adaptation*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Sampels 02] Michael Sampels, Christian Blum, Monaldo Mastrolilli & Olivia Rossi-Doria. *Metaheuristics for Group Shop Scheduling*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Santos 02] Víctor Manuel Rivas Santos, Pedro A. Castillo Valdivieso & Juan J. Merelo Guervós. *Evolved RBF Networks for Time-Series Forecasting and Function Approximation*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Scharnow 02] Jens Scharnow, Karsten Tinnefeld & Ingo Wegener. *Fitness Landscapes Based on Sorting and Shortest Paths Problems*. In Juan J. Merelo-Guervós,

- Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Smith 02] Jim Smith. *Co-evolving Memetic Algorithms: Initial Investigations*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Thomsen 02a] René Thomsen. *Evolving the Topology of Hidden Markov Models Using Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Thomsen 02b] René Thomsen & Thiemo Krink. *Self-adaptive Operator Scheduling Using the Religion-Based EA*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Tomassini 02a] Marco Tomassini, Leonardo Vanneschi, Francisco Fernández de Vega & Germán Galeano Gil. *Experimental Investigation of Three Distributed Genetic Programming Models*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Tomassini 02b] Marco Tomassini & Mattias Venzi. *Evolution of Asynchronous Cellular Automata for the Density Task*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Tsutsui 02] Shigeyoshi Tsutsui. *Probabilistic Model-Building Genetic Algorithms in Permutation Representation Domain Using Edge Histogram*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Urquhart 02] Neil Urquhart, Peter Ross, Ben Paechter & Kenneth Chisholm. *Solving a Real World Routing Problem Using Multiple Evolutionary Agents*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis

- Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Ursem 02] Rasmus K. Ursem. *Diversity-Guided Evolutionary Algorithms*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Valdivieso 02] Pedro A. Castillo Valdivieso, Maribel García Arenas, J. G. Castellano, Juan J. Merelo Guervós, Víctor Manuel Rivas Santos & Gustavo Romero. *Optimisation of Multilayer Perceptrons Using a Distributed Evolutionary Algorithm with SOAP*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [van Hemert 02] Jano I. van Hemert & Thomas Bäck. *Measuring the Searched Space to Guide Efficiency: The Principle and Evidence on Constraint Satisfaction*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Weicker 02] Karsten Weicker. *Performance Measures for Dynamic Environments*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Wiegand 02] R. Paul Wiegand, William C. Liles & Kenneth A. De Jong. *The Effects of Representational Bias on Collaboration Methods in Cooperative Coevolution*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Wiesmann 02] Dirk Wiesmann. *From Syntactical to Semantical Mutation Operators for Structure Optimization*. In Juan J. Merelo-Guervós, Panagiotis Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villaca nas & Hans-Paul Schwefel, editors, 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, 7–11September 2002. Springer-Verlag.
- [Zlochin 02] Mark Zlochin & Marco Dorigo. *Model-Based Search for Combinatorial Optimization: A Comparative Study*. In Juan J. Merelo-Guervós, Panagiotis

Adamidis, Hans-Georg Beyer, José-Luis Fernández-Villacanas & Hans-Paul Schwefel, editors, 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, 7–11 September 2002. Springer-Verlag.