## Список литературы

[Aickelin 02]

Uwe Aickelin & Larry Bull. Partnering Strategies For Fitness Evaluation In A Pyramidal Evolutionary Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 263–270, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Albert 02]

Laura A. Albert & David E. Goldberg. Efficient Discretization Scheduling In Multiple Dimensions. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 271–278, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Alden 02]

Matthew Alden, Aard-Jan van Kesteren & Risto Miikkulainen. Eugenic Evolution Utilizing A Domain Model. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 279–286, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ando 02]

Shin Ando & Hitoshi Iba. Ant Algorithm For Construction Of Evolutionary Tree. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 131, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Arenas 02]

Maribel García Arenas, Brad Dolin, Juan Julián Merelo, Pedro Angel Castillo, Ignacio Fernández De Viana & Marc Schoenauer. *JEO: Java Evolving Objects*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 991, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Augustsson 02]

Peter Augustsson, Krister Wolff & Peter Nordin. Creation Of A Learning, Flying Robot By Means Of Evolution. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1279–1285, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Azad 02]

R. Muhammad Atif Azad, Conor Ryan, Mark E. Burke & Ali R. Ansari. A Re-examination Of The Cart Centering Problem Using The Chorus System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 707–715, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bacardit 02]

Jaume Bacardit & Josep M. Garrell. Evolution Of Adaptive Discretization Intervals For A Rule-based Genetic Learning System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 677, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Balthrop 02]

Justin Balthrop, Fernando Esponda, Stephanie Forrest & Matthew Glickman. Coverage And Generalization In An Artificial Immune System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 3–10, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Barbosa 02]

Helio J. C. Barbosa & Afonso C. C. Lemonge. An Adaptive Penalty Scheme In Genetic Algorithms For Constrained Optimization Problems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 287–294, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Baresel 02]

André Baresel, Harmen Sthamer & Michael Schmidt. Fitness Function Design To Improve Evolutionary Structural Testing. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1329–1336, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Barone 02]

L. Barone, L. While & P. Hingston. Designing Crushers With A Multi-objective Evolutionary Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 995–1002, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Beachkofski 02]

Brian K. Beachkofski & Gary B. Lamont. Evolutionary Programming Based Stratified Design Space Sampling. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 193–200, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Beaulieu 02]

Julie Beaulieu, Christian Gagné & Marc Parizeau. Lens System Design And Reengineering With Evolutionary Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 155–162, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bhanu 02]

Bir Bhanu & Yingqiang Lin. Learning Composite Operators For Object Detection. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1003–1010, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Birattari 02]

Mauro Birattari, Thomas Stützle, Luis Paquete & Klaus Varrentrapp. A Racing Algorithm For Configuring Metaheuristics. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 11–18, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Blackwell 02]

T. M. Blackwell & P. J. Bentley. *Dynamic Search With Charged Swarms*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 19–26, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Blum 02a]

Christian Blum. Ant Colony Optimization For The Edge-weighted k-cardinality Tree Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 27–34, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Blum 02b]

Christian Blum, Michael Sampels & Mark Zlochin. On A Particularity In Model-based Search. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 35–42, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bongard 02]

Josh C. Bongard & Rolf Pfeifer. Behavioural Selection Pressure Generates Hierarchical Genetic Regulatory Networks. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 132, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Boryczka 02]

Mariusz Boryczka & Zbigniew J. Czech. Solving Approximation Problems By Ant Colony Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 133, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bottaci 02]

Leonardo Bottaci. Instrumenting Programs With Flag Variables For Test Data Search By Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1337–1342, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Brabazon 02]

Anthony Brabazon, Michael O'Neill, Robin Matthews & Conor Ryan. Grammatical Evolution And Corporate Failure Prediction. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1011–1018, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bui 02]

Thang N. Bui & Lisa C. Strite. An Ant System Algorithm For Graph Bisection. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 43–51, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bull 02a]

Larry Bull. Lookahead And Latent Learning In ZCS. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 897–904, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bull 02b]

Larry Bull & Toby O'Hara. Accuracy-based Neuro And Neuro-fuzzy Classifier Systems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 905–911, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bull 02c]

Larry Bull, Dave Wyatt & Ian Parmee. Towards The Use Of XCS In Interactive Evolutionary Design. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 951, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Bullinaria 02]

John A. Bullinaria. The Evolution Of Variable Learning Rates. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 52–59, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Burke 02]

Raymond Burke, Steven Gustafson & Graham Kendall. A Survey And Analysis Of Diversity Measures In Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 716–723, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Byassee 02]

Jason S. Byassee & Keith E. Mathias. Expediting Genetic Search With Dynamic Memory. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 295–302, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Cantú-Paz 02a]

Erick Cantú-Paz. Feature Subset Selection By Estimation Of Distribution Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 303–310, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Cantú-Paz 02b]

Erick Cantú-Paz. On Random Numbers And The Performance Of Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis,

R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 311–318, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Cantú-Paz 02c]

Erick Cantú-Paz & Chandrika Kamath. Evolving Neural Networks For The Classification Of Galaxies. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1019–1026, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Capcarrere 02]

Mathieu S. Capcarrere. Evolution Of Asynchronous Cellular Automata: Finding The Good Compromise. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 134, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Carr 02]

Robert Carr, William Hart, Natalio Krasnogor, Jonathan Hirst, Edmund Burke & James Smith. Alignment Of Protein Structures With A Memetic Evolutionary Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1027–1034, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Carvalho 02]

Deborah R. Carvalho & Alex A. Freitas. A Genetic Algorithm With Sequential Niching For Discovering Small-disjunct Rules. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1035–1042, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Castillo 02]

Flor A. Castillo, Ken A. Marshall, James L. Green & Arthur K. Kordon. Symbolic Regression In Design Of Experiments: A Case Study With Linearizing Transformations. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1043–1047, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Chen 02a]

Jian-Hung Chen, David E. Goldberg, Shinn-Ying Ho & Kumara Sastry. Fitness Inheritance In Multi-objective Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 319–326, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Chen 02b]

Ping Chen, Zhaohui Fu, Ping Chen & Andrew Lim. *Using Genetic Algorithms To Solve The Yard Allocation Problem*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1049–1056, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Choi 02a]

Sung-Soon Choi & Byung-Ro Moon. *Isomorphism, Normalization, And A Genetic Algorithm For Sorting Network Optimization*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 327–334, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Choi 02b]

Sung-Soon Choi & Byung-Ro Moon. More Effective Genetic Search For The Sorting Network Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 335–342, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Choi 02c]

Sung-Soon Choi & Byung-Ro Moon. Optimized Interest Metric Of Rules And One-to-one Marketing Using Connection Networks. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1259, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Chong 02]

H. W. Chong & Sam Kwong. A Genetic Algorithm For Joint Optimization Of Spare Capacity And Delay In Self-healing Network. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1260, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Clergue 02]

Manuel Clergue, Philippe Collard, Marco Tomassini & Leonardo Vanneschi. Fitness Distance Correlation And Problem Difficulty For Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 724–732, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Coello 02]

Carlos A. Coello Coello & Ricardo Landa Becerra. Adding Knowledge And Efficient Data Structures To Evolutionary Programming: A Cultural Algorithm For Constrained Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 201–209, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Congdon 02]

Clare Bates Congdon. Gaphyl: An Evolutionary Algorithms Approach For The Study Of Natural Evolution. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1057–1064, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Conradie 02]

Alex Conradie, Risto Miikkulainen & Christiaan Aldrich. *Adaptive Control Utilising Neural Swarming.* In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy,

D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 60-67, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Cooper 02]

Jason Cooper & Chris Hinde. Comparison Of Evolving Against Peers And Fixed Opponents Using Corewars. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 887, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Crawford-Marks 02] Raphael Crawford-Marks & Lee Spector. Size Control Via Size Fair Genetic Operators In The PushGP Genetic Programming System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 733–739, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Danek 02]

XCS Applied To Mapping FPGA Martin Danek & Robert E. Smith. Architectures. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 912-919, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Das 02]

Sanjoy Das, Shekhar V. Gosavi, William H. Hsu & Shilpa A. Vaze. An Ant Colony Approach For The Steiner Tree Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 135, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[DeLaurentis 02]

John DeLaurentis, Lauren Ferguson & William E. Hart. On The Convergence Properties Of A Simple Self-adaptive Evolutionary Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 229–237, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Devogelaere 02]

Dirk Devogelaere & Marcel Rijckaert. Influences Of Clustering Modifications On The Performance Of The Genetic Algorithm Driven Clustering Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 678, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Divina 02]

Federico Divina & Elena Marchiori. Evolutionary Concept Learning. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 343–350, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ebner 02]

Marc Ebner, Hans-Georg Breunig & Jürgen Albert. On The Use Of Negative Selection In An Artificial Immune System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 957–964, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Elliott 02]

L. Elliott, D. B. Ingham, A. G. Kyne, N. S. Mera, M. Pourkashanian & C. W. Wilson. A Real Coded Genetic Algorithm For The Optimisation Of Reaction Rate Parameters For Chemical Kinetic Modelling In A Perfectly Stirred Reactor. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1261, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Emer 02]

Maria Cláudia Figueiredo Pereira Emer & Silva Regina Vergilio. *GPTesT: A Testing Tool Based On Genetic Programming*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1343–1350, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Etaner-Uyar 02]

A. Sima Etaner-Uyar & A. Emre Harmanci. Preserving Diversity In Changing Environments Through Diploidy With Adaptive Dominance. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 679, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Fan 02]

Zhun Fan, Kisung Seo, Ronald C. Rosenberg, Jianjun Hu & Erik D. Goodman. Exploring Multiple Design Topologies Using Genetic Programming And Bond Graphs. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1073–1080, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Forman 02]

Sean L. Forman. Congressional Redistricting Using A TSP-based Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1262, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Fu 02]

Chunsheng Fu & Lawrence Davis. A Modified Classifier System Compaction Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 920–925, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Gagné 02]

Christian Gagné & Marc Parizeau. Open BEAGLE: A New C++ Evolutionary Computation Framework. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs,

GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 888, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Galindo-Legaria 02] César Galindo-Legaria & Florian Waas. The Effect Of Cost Distributions On Evolutionary Optimization Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 351–358, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Gallagher 02] John C. Gallagher & Saranyan Vigraham. A Modified Compact Genetic Algorithm For The Intrinsic Evolution Of Continuous Time Recurrent Neural Networks. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 163–170, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[García 02] Héctor Fernando Gómez García, Arturo González Vega, Arturo Hernández Aguirre & Carlos Coello Coello. Efficient Affine 2D-image Registration Using Evolutionary Strategies. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1263, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Garrett 02] Simon M. Garrett & Joanne H. Walker. Combining Evolutionary And Non-evolutionary Methods In Tracking Dynamic Global Optima. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 359–366, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Giacobini 02] Mario Giacobini, Marco Tomassini & Leonardo Vanneschi. How Statistics Can Help In Limiting The Number Of Fitness Cases In Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 889, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

Marco César Goldbarg, Elizabeth Ferreira Gouvêa & Francisco Dantas de Medeiros Neto. Piston Pump Mobile Unity Tour Problem: An Evolutionary View. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1264, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Gómez 02] Alberto Gómez, David de la Fuente, Jose Parreño & Javier Puente. Using Genetic Algorithms To Optimize Guillotine Cutting Operations. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1265, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[González 02]

Fabio A. González & Dipankar Dasgupta. An Imunogenetic Technique To Detect Anomalies In Network Traffic. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1081–1088, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Greene 02]

William A. Greene. A Genetic Algorithm With Self-distancing Bits But No Overt Linkage. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 367–374, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Groß 02a]

Hans-Gerhard Groß & Nikolas Mayer. Evolutionary Testing In Component-based Real-time System Construction. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1393, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Groß 02b]

R. Groß, K. Albrecht, W. Kantschik & W. Banzhaf. Evolving Chess Playing Programs. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 740–747, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hamel 02]

Lutz Hamel. Breeding Algebraic Structures—An Evolutionary Approach To Inductive Equational Logic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 748–755, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hamza 02]

Karim Hamza, Haitham Mahmoud & Kazuhiro Saitou. Design Optimization Of N-shaped Roof Trusses. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1089–1096, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Harman 02a]

Mark Harman, Robert Hierons & Mark Proctor. A New Representation And Crossover Operator For Search-based Optimization Of Software Modularization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1351–1358, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Harman 02b]

Mark Harman, Lin Hu, Robert Hierons, André Baresel & Harmen Sthamer. Improving Evolutionary Testing By Flag Removal. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1359–1366, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hartmann 02]

Morten Hartmann, Frode Eskelund, Pauline C. Haddow & Julian F. Miller. Evolving Fault Tolerance On An Unreliable Technology Platform. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 171–177, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hedman 02]

Karl Hedman, David Persson, Per Skoglund, Dan Wiklund, Krister Wolff & Peter Nordin. Sensing And Direction In Locomotion Learning With A Random Morphology Robot. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1297, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ho 02]

Alex C. H. Ho & Sam Kwong. Optimization Of CDMA Based Wireless System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1266, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hodgson 02]

R. J. W. Hodgson. Partical Swarm Optimization Applied To The Atomic Cluster Optimization Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 68–73, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hohmann 02]

Steffen G. Hohmann, Johannes Schemmel, Felix Schürmann & Karlheinz Meier. Exploring The Parameter Space Of A Genetic Algorithm For Training An Analog Neural Network. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 375–382, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Howard 02a]

Daniel Howard & Simon C. Roberts. Application Of Genetic Programming To Motorway Traffic Modelling. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1097–1104, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Howard 02b]

Daniel Howard, Simon C. Roberts & Conor Ryan. *Machine Vision: Exploring Context With Genetic Programming*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 756–763, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hsu 02a]

William H. Hsu, Haipeng Guo, Benjamin B. Perry & Julie A. Stilson. *A Permutation Genetic Algorithm For Variable Ordering In Learning Bayesian Networks From Data*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull,

M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 383–390, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hsu 02b]

William H. Hsu & Steven M. Gustafson. Genetic Programming And Multiagent Layered Learning By Reinforcements. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 764–771, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hsu 02c]

William H. Hsu, Cecil P. Schmidt & James A. Louis. Genetic Algorithm Wrappers For Feature Subset Selection In Supervised Inductive Learning. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 680, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hu 02a]

Jianjun Hu, Erik D. Goodman, Kisung Seo & Min Pei. Adaptive Hierarchical Fair Competition (AHFC) Model For Parallel Evolutionary Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 772–779, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hu 02b]

Jianjun Hu, Kisung Seo, Shaobo Li, Zhun Fan, Ronald C. Rosenberg & Erik D. Goodman. Structure Fitness Sharing (SFS) For Evolutionary Design By Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 780–787, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Huang 02a]

Chien-Feng Huang. A Markov Chain Analysis Of Fitness Proportional Mate Selection Schemes In Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 682, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Huang 02b]

Chien-Geng Huang. A Study Of Fitness Proportional Mate Selection Schemes In Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 681, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Hüsken 02]

Michael Hüsken & Christian Igel. Balancing Learning And Evolution. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 391–398, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Iba 02]

Hitoshi Iba & Erina Sakamoto. Inference Of Differential Equation Moels By Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 788–795, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Imamura 02]

Kosuke Imamura, Robert B. Heckendorn, Terence Soule & James A. Foster. Abstention Reduces Errors-decision Abstaining N-version Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 796–803, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ishibuchi 02a]

Hisao Ishibuchi & Takashi Yamamoto. Fuzzy Rule Selection By Data Mining Criteria And Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 399–406, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ishibuchi 02b]

Hisao Ishibuchi, Tadashi Yoshida & Tadahiko Murata. Balance Between Genetic Search And Local Search In Hybrid Evolutionary Multi-criterion Optimization Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1301–1308, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Jansen 02]

Thomas Jansen & Kenneth De Jong. An Analysis Of The Role Of Offspring Population Size In EAs. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 238–246, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ji 02]

Zhou Ji & Dipankar Dasgupta. *Modeling Convection Coefficients With Genetic Algorithms*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1267, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Jin 02a]

Yaochu Jin & Bernhard Sendhoff. Fitness Approximation In Evolutionary Computation—a Survey. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1105—1112, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Jin 02b]

Yaochu Jin & Bernhard Sendhoff. Incorporation Of Fuzzy Preferences Into Evolutionary Multiobjective Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller,

E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 683, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[John 02]

David J. John. Co-evolution With The Bierwirth-Mattfeld Hybrid Scheduler. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 259, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Jung 02]

Soonchul Jung & Byung-Ro Moon. A Hybrid Genetic Algorithm For The Vehicle Routing Problem With Time Windows. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1309–1316, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kang 02]

Li-Shan Kang, Zhou Kang, Yan Li & Hugo De Garis. A Two Level Evolutionary Modeling System For Financial Data. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1113–1118, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Katagiri 02]

Hironobu Katagiri, Kotaro Hirasawa, Jinglu Hu & Junichi Murata. *A New Model To Realize Variable Size Genetic Network Programming*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 890, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Keber 02]

Christian Keber & Matthias G. Schuster. Option Valuation With Generalized Ant Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 74–81, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Khan 02]

Nazan Khan, David E. Goldberg & Martin Pelikan. *Multiple-objective Bayesian Optimization Algorithm*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 684, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kim 02a]

Jong-Pil Kim & Byung-Ro Moon. A Hybrid Genetic Search For Circuit Bipartitioning. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 685, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kim 02b]

Jung-Hwan Kim & Byung-Ro Moon. Neuron Reordering For Better Neurogenetic Hybrids. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A.

Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 407–414, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kim 02c]

Yong-Hyuk Kim & Byung-Ro Moon. Visualization Of The Fitness Landscape, A Steady-state Genetic Search, And Schema Traces. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 686, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kimbrough 02]

Steven O. Kimbrough, Ming Lu, David Harlan Wood & D. J. Wu. Exploring A Two-market Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 415–422, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kirsopp 02]

Colin Kirsopp, Martin Shepperd & John Hart. Search Heuristics, Case-based Reasoning And Software Project Effort Prediction. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1367–1374, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Knödler 02]

Kosmas Knödler, Jan Poland, Andreas Zell & A. Mitterer. Memetic Algorithms For Combinatorial Optimization Problems In The Calibration Of Modern Combustion Engines. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 687, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Koch 02]

Thomas E. Koch & Andreas Zell. *MOCS: Multi-objective Clustering Selection Evolutionary Algorithm*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 423–430, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kókai 02]

Gabriella Kókai, Zoltán Tóth & Szilvia Zvada. An Experimental Comparison Of Genetic And Classical Concept Learning Methods. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 952, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Korkmaz 02]

Emin Erkan Korkmaz & Göktürk Üçoluk. Controlling The Genetic Programming Search. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 891, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kosorukoff 02a]

Alexander Kosorukoff. Using Incremental Evaluation And Adaptive Choice Of Operators In A Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 688, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kosorukoff 02b]

Alexander Kosorukoff & David E. Goldberg. Evolutionary Computation As A Form Of Organization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 965–972, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kubica 02]

Jeremy Kubica & Eleanor Rieffel. Collaborating With A Genetic Programming System To Generate Modular Robotic Code. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 804–811, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kumar 02]

Sujay V. Kumar & S. Ranji Ranjithan. Evaluation Of The Constraint Method-based Evolutionary Algorithm (CMEA) For A Three-objective Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 431–438, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Kwon 02]

Yung-Keun Kwon, Sung-Deok Hong & Byung-Ro Moon. A Genetic Hybrid For Critical Heat Flux Function Approximation. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1119–1125, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Landau 02]

Samuel Landau, Sébastien Picault, Oliver Sigaud & Pierre Gérard. A Comparison Between ATNoSFERES And XCSM. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 926–933, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Langdon 02a]

W. B. Langdon. Convergence Rates For The Distribution Of Program Outputs. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 812–819, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Langdon 02b]

W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs. Gecco 2002: Proceedings of the genetic and evolutionary computation conference, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Larsen 02]

Otavio Larsen, Alex A. Freitas & Julio C. Nievola. Constructing X-of-n Attributes With A Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1268, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Laumanns 02]

Marco Laumanns, Lothar Thiele, Eckart Zitzler & Kalyanmoy Deb. Archiving With Guaranteed Convergence And Diversity In Multi-objective Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 439–447, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Leahy 02]

Nicole P. Leahy. Effects Of Agent Representation On The Behavior Of A Non-reciprocal Cooperation Game. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 82–87, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Lee 02a]

Sang-Yon Lee, Sung-Soon Choi & Byung-Ro Moon. Search Improvement By Genetic Algorithms With A Semiotic Network. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1126–1132, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Lee 02b]

Seung-Kyu Lee, Dong-Il Seo & Byung-Ro Moon. A Hybrid Genetic Algorithm For Optimal Hexagonal Tortoise Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 689, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Lenaerts 02]

T. Lenaerts, A. Defaweux, P. Van Remortel & B. Manderick. An Individual-based Approach To Multi-level Selection. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 136, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Liang 02]

Suihong Liang, A. Nur Zincir-Heywood & Malcolm I. Heywood. *Intelligent Packets For Dynamic Network Routing Using Distributed Genetic Algorithm*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 88–96, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Linden 02]

Derek S. Linden. Antenna Design Using Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1133–1140, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Liu 02a]

Yong Liu & Xin Yao. Maintaining Population Diversity By Minimizing Mutual Information. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 448–455, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Liu 02b]

Yong Liu & Xin Yao. Search Step Size Control In Fast Evolutionary Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 225, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Llorà 02]

Xavier Llorà & Josep M. Garrell. Coevolving Different Knowledge Representations With Fine-grained Parallel Learning Classifier Systems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 934–941, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Luke 02a]

Sean Luke & Liviu Panait. Is The Perfect The Enemy Of The Good? In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 820–828, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Luke 02b]

Sean Luke & Liviu Panait. Lexicographic Parsimony Pressure. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 829–836, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Machado 02]

Penousal Machado, Jorge Tavares, Francisco B. Pereira & Ernesto Costa. Vehicle Routing Problem: Doing It The Evolutionary Way. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 690, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Mao 02]

Jiangming Mao, Kotaro Hirasawa, Jinglu Hu & Junichi Murata. *Increasing Robustness Of Genetic Algorithm*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 456–462, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Martin 02a]

Peter Martin. An Analysis Of Random Number Generators For A Hardware Implementation Of Genetic Programming Using FPGAs And Handel-C. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 837–844, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Martin 02b]

Peter Martin & Riccardo Poli. Crossover Operators For A Hardware Implementation Of GP Using FPGAs And Handel-C. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 845–852, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Masum 02]

Hassan Masum, Steffen Christensen & Franz Oppacher. *The Turing Ratio: Metrics For Open-ended Tasks.* In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 973–980, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Mathias 02]

Keith E. Mathias & Jason S. Byassee. Agent Support Of Genetic Search In An Immunological Model Of Sparse Distributed Memory. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 97–104, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Matsui 02]

Shouichi Matsui, Isamu Watanabe & Ken ichi Tokoro. An Efficient Genetic Algorithm For Fixed Channel Assignment Problem With Limited Bandwidth Constraint. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1269, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[McPhee 02]

Nicholas Freitag McPhee & Riccardo Poli. *Using Schema Theory To Explore Interactions Of Multiple Operators*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 853–860, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Menon 02]

Anil Menon. The Point Of Point Crossover: Shuffling To Randomness. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 463–471, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Merkle 02]

Daniel Merkle & Martin Middendorf. Studies On The Dynamics Of Ant Colony Optimization Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 105–112, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Merz 02]

Peter Merz. A Comparison Of Memetic Recombination Operators For The Traveling Salesman Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs,

GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 472–479, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Meyesenburg 02a]

Mark M. Meyesenburg, Dan Hoelting, Duane McElvain & James A. Foster. A Genetic Algorithm-specific Test Of Random Generator Quality. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 691, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Meyesenburg 02b]

Mark M. Meyesenburg, Daniel Hoelting, Duane McElvain & James A. Foster. How Random Generator Quality Impacts GA Performance. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 480–487, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Mitchell 02]

Brian S. Mitchell & Spiros Mancoridis. *Using Heuristic Search Techniques To Extract Design Abstractions From Source Code*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1375–1382, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Montana 02]

David Montana, Talib Hussain & Tushar Saxena. Adaptive Reconfiguration Of Data Networks Using Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1141–1149, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Moore 02]

Jason H. Moore, Lance W. Hahn, Marylyn D. Ritchie, Tricia A. Thornton & Bill C. White. Application Of Genetic Algorithms To The Discovery Of Complex Models For Simulation Studies In Human Genetics. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1150–1155, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Naujoks 02]

Boris Naujoks, Werner Haase, Jörg Ziegenhirt & Thomas Bäck. *Multi Objective Airfoil Design Using Single Parent Populations*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1156–1163, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Neri 02]

Filippo Neri. Cooperative Concept Learning By Means Of A Distributed GA. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 953, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Nicolau 02]

Miguel Nicolau & Conor Ryan. LINKGAUGE: Tackling Hard Deceptive Problems With A New Linkage Learning Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 488–494, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Niparnan 02]

Nattee Niparnan & Prabhas Chongstitvatana. An Improved Genetic Algorithm For The Inference Of Finite State Machine. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 189, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ochoa 02]

Gabriela Ochoa. Setting The Mutation Rate: Scope And Limitations Of The 1/L Heuristic. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 495–502, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Oduguwa 02]

V. Oduguwa & R. Roy. Multi-objective Optimisation Of Rolling Rod Product Design Using Meta-modelling Approach. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1164–1171, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Okabe 02]

Tatsuya Okabe, Yaochu Jin & Bernhard Sendhoff. On The Dynamics Of Evolutionary Multi-objective Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 247–256, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Oliver-Morales 02]

Carlos Oliver-Morales & Katya Rodríguez Vázquez. MB GP In Modelling And Prediction. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 892, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Olson 02]

Ronald Olson & Brock Wilcox. Self-improvement For The ADATE Automatic Programming System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 893, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Otero 02]

Fernando E. B. Otero, Monique M. S. Silvia & Alex A. Freitas. Genetic Programming For Attribute Construction In Data Mining. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1270, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Panait 02]

Liviu Panait & Sean Luke. A Comparison Of Two Competitive Fitness Functions. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 503–511, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Parent 02]

Johan Parent & Ann Nowe. Evolving Compression Preprocessors With Genetic Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 861–867, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Park 02]

Eun-Jong Park, Yong-Hyuk Kim & Byung-Ro Moon. Genetic Search For Fixed Channel Assignment Problem With Limited Bandwidth. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1172–1179, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Parker 02]

Gary B. Parker. Learning Area Coverage Using The Co-evolution Of Model Parameters. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1286–1294, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Pelikan 02]

Martin Pelikan, David E. Goldberg & Shigeyoshi Tsutsui. Combining The Strengths Of Bayesian Optimization Algorithm And Adaptive Evolution Strategies. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 512–519, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Pelletier 02]

Olivier Pelletier & André Weimerskirch. Algorithmic Self-assembly Of DNA Tiles And Its Application To Cryptanalysis. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 139–146, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Pettinger 02]

James E. Pettinger & Richard M. Everson. Controlling Genetic Algorithms With Reinforcement Learning. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 692, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Pietro 02]

Anthony Di Pietro, Lyndon While & Luigi Barone. Learning In RoboCup Keepaway Using Evolutionary Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1065–1072, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Poli 02]

Riccardo Poli, Christopher R. Stephens, Alden H. Wright & Jonathan E. Rowe. On The Search Biases Of Homologuous Crossover In Linear Genetic Programming And Variable-length Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 868–876, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Polvichai 02]

Jumpol Polvichai & Pradeep Khosla. Applying Dynamic Networks To Improve Learning Performances Of An Evolutionary Behavior Programming System For Mobile Robots In Dynamic Environments. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1298, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Prado 02]

Oclair Prado & Fernando J. Von Zuben. An Integrated System For Phylogenetic Inference Using Evolutionary Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 693, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Purshouse 02]

Robin C. Purshouse & Peter J. Fleming. Why Use Elitism And Sharing In A Multi-objective Genetic Algorithm? In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 520–527, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Rasheed 02]

Khaled Rasheed, Swaroop Vattam & Xiao Ni. Comparison Of Methods For Using Reduced Models To Speed Up Design Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1180–1187, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Reimann 02]

Marc Reimann, Michael Stummer & Karl Doerner. A Savings Based Ant System For The Vehicle Routing Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1317–1326, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Romão 02]

Wesley Romão, Alex A. Freitas & Roberto C. S. Pacheco. A Genetic Algorithm For Discovering Interesting Fuzzy Prediction Rules: Applications To Science And Technology Data. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1188–1195, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Roos 02]

Robert S. Roos, Tiffany Bennett, Jennifer Hannon & Elizabeth Zehner. A Genetic Algorithm For Improved Shellsort Sequences. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 694, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ross 02a]

Brian J. Ross, Anthony G. Gualtieri, Frank Fueten & Paul Budkewitsch. *Hyperspectral Image Analysis Using Genetic Programming*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1196–1203, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ross 02b]

Peter Ross, Sonia Schulenburg, Javier Marín-Blázquez & Emma Hart. Hyperheuristics: Learning To Combine Simple Heuristics In Bin-packing Problems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 942–948, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Rothlauf 02]

Franz Rothlauf. The Influence Of Binary Representations Of Integers On The Performance Of Selectorecombinative Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 695, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Sastry 02a]

Kumara Sastry & David E. Goldberg. Genetic Algorithms, Efficiency Enhancement, And Deciding Well With Differing Fitness Bias Values. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 536–543, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Sastry 02b]

Kumara Sastry & David E. Goldberg. Genetic Algorithms, Efficiency Enhancement, And Deciding Well With Differing Fitness Variances. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 528–535, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Sato 02]

Yuji Sato. Voice Conversion Using Interactive Evolution Of Prosodic Control. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1204–1211, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Schaffer 02]

J. David Schaffer, Lalitha Agnihotri, Nevenka Dimitrova, Thomas McGee & Sylvie Jeannin. *Improving Digital Video Commercial Detectors With Genetic Algorithms*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A.

Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1212–1218, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Sekaj 02]

Ivan Sekaj, Martin Foltin & Michal Gonos. Genetic Algorithm Based Adaptive Control Of An Electromechanical MIMO System. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 696, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Semenov 02]

Mikhail A. Semenov. Convergence Velocity Of Evolutionary Algorithm With Self-adaptation. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 210–213, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Seo 02]

Dong-Il Seo & Byung-Ro Moon. Voronoi Quantizied Crossover For Traveling Salesman Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 544–552, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Simões 02a]

Anabela Simões & Ernesto Costa. Parametric Study To Enhance The Genetic Algorithm's Performance When Using Transformation. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 697, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Simões 02b]

Anabela Simões & Ernesto Costa. Using GAs To Deal With Dynamic Environments: A Comparative Study Of Several Approaches Based On Promoting Diversity. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 698, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Singh 02]

Abhishek Singh, David E. Goldberg & Ying-Ping Chen. *Modified Linkage Learning Genetic Algorithm For Difficult Non-stationary Problems*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 699, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Someya 02]

Hiroshi Someya & Masayuki Yamamura. Robust Evolutionary Algorithms With Toroidal Search Space Conversion For Function Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 553–560, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Spirov 02]

Alexander V. Spirov & Alexander B. Kazansky. *Jumping Genes-mutators Can Rise Efficacy Of Evolutionary Search*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 561–568, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Stanley 02a]

Kenneth O. Stanley & Risto Miikkulainen. Continual Coevolution Through Complexification. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 113–120, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Stanley 02b]

Kenneth O. Stanley & Risto Miikkulainen. Efficient Reinforcement Learning Through Evolving Neural Network Topologies. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 569–577, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Stephens 02]

Christopher R. Stephens, Riccardo Poli, Alden H. Wright & Jonathan E. Rowe. Exact Results From A Coarse Grained Formulation Of The Dynamics Of Variable-length Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 578–585, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Stone 02]

Christopher Stone & Jim Smith. Strategy Parameter Variety In Self-adaptation Of Mutation Rates. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 586–593, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Streeter 02]

Matthew J. Streeter, Martin A. Keane & John R. Koza. *Iterative Refinement Of Computational Circuits Using Genetic Programming*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 877–884, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Stringer 02]

Hal Stringer & Annie S. Wu. A Simple Method For Detecting Domino Convergence And Identifying Salient Genes Within A Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 594–601, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Takadama 02]

Keiki Takadama, Yutaka L. Suematsu, Norberto E. Nawa & Katsunori Shimohara. *Cross-validation In Multiagent-based Simulation: Analyzing Evolutionary Bargaining Agents*. In W. B. Langdon, E. Cantú-Paz, K. Mathias,

R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 121–128, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Tanev 02]

Ivan T. Tanev, Takashi Uozumi & Yoshiharu Morotome. An Application Service Provider Approach For Hybrid Evolutionary Algorithm-based Real-world Flexible Job Shop Scheduling Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1219–1226, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Tangen 02]

Uwe Tangen. An Evolvable Micro-controller Or What's New About Mutations? In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 178–186, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Tiwari 02]

Ashutosh Tiwari & Rajkumar Roy. Variable Dependence Interaction And Multi-objective Optimisation. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 602–609, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Tsai 02]

Huai-Kuang Tsai, Jinn-Moon Yang & Cheng-Yan Kao. Applying Genetic Algorithms To Finding The Optimal Gene Order In Displaying The Microarray Data. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 610–617, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Tulai 02]

Alexander F. Tulai & Franz Oppacher. Combining Competitive And Cooperative Coevolution For Training Cascade Neural Networks. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 618–625, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Tyni 02]

Tapio Tyni & Jari Ylinen. Bi-directional Circular Linked Lists In Fitness Caching. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 700, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ueda 02]

Takanori Ueda, Nobuto Koga, Isao Ono & Masahiro Okamoto. Application Of Numerical Optimization Technique Based On Real-coded Genetic Algorithm To Inverse Problem In Biochemical Systems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and

Evolutionary Computation Conference, page 701, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Ujjin 02]

Supiya Ujjin & Peter J. Bentley. Evolving Good Recommendations. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1271, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Vallejo 02]

Edgar E. Vallejo & Fernando Ramos. Evolving Finite Automata With Twodimensional Output For DNA Recognition And Visualization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1272, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Van Belle 02]

Terry Van Belle & David H. Ackley. Code Factoring And The Evolution Of Evolvability. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1383–1390, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Van Hoyweghen 02] Clarissa Van Hoyweghen, David E. Goldberg & Bart Naudts. From Twomax To The Ising Model: Easy And Hard Symmetrical Problems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 626–633, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Vogel 02]

Andre Vogel, Marco Fischer & Tobias Teich. Real-world Shop Floor Scheduling By Ant Colony Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1273, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Voss 02]

A New Methodology For Emergent System Mark S. Voss & Xin Feng. Identification Using Particle Swarm Optimization (PSO) And The Group Mehtod Data Handling (GMDH). In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1227–1232, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Vrajitoru 02]

Dana Vrajitoru. Simulating Gender Separation With Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 634-641, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Wang 02]

Xiaotong Wang, Lawrence Davis & Chunsheng Fu. Genetic Algorithms And Fine-grained Topologies For Optimization. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph,

J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 981–988, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Watanabe 02]

Shinya Watanabe, Tomoyuki Hiroyasu & Mitsunori Miki. *LCGA: Local Cultivation Genetic Algorithm For Multi-objective Optimization Problems*. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 702, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Wegener 02]

Joachim Wegener, Kerstin Buhr & Hartmut Pohlheim. Automatic Test Data Generation For Structural Testing Of Embedded Software Systems By Evolutionary Testing. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1233–1240, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Withall 02]

Mark S. Withall, Chris J. Hinde & Roger G. Stone. Evolving Readable Perl. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 894, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Wong 02]

Man Leung Wong, Shing Yan Lee & Kwong Sak Leung. A Hybrid Data Mining Approach To Discover Bayesian Networks Using Evolutionary Programming. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 214–222, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Wright 02]

Alden H. Wright, Jonathan E. Rowe, Riccardo Poli & Christopher R. Stephens. A Fixed Point Analysis Of A Gene Pool GA With Mutation. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 642–649, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Wu 02a]

Annie S. Wu & Ivan Garibay. The Proportional Genetic Algorithm Representation. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 703, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Wu 02b]

L. Wu, W. D. Potter, K. Rasheed, H. Thistle, J. Ghent, D. Twardus & M. Teske. A Comparison Of Genetic Algorithm Methods In Aerial Spray Deposition Management. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1274, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Yang 02]

Shengxiang Yang. Adaptive Non-uniform Crossover Based On Statistics For Genetic Algorithms. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 650–657, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Younes 02]

Abdulnasser Younes, Hamada Ghenniwa & Shawki Areibi. An Adaptive Genetic Algorithm For Multi Objective Flexible Manufacturing Systems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1241–1248, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Yu 02a]

Tina Yu & Julian Miller. Climbing Unimodal Landscapes With Neutrality: A Case Study Of The One-max Problem. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 704, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Yu 02b]

Xiaoming Yu, Alessandro Fin, Franco Fummi & Elizabeth M. Rudnick. Functional Test Generation For Digital Integrated Circuits Using A Genetic Algorithm. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1275, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Yurke 02]

Bernard Yurke & Friedrich C. Simmel. A DNA-based Three-state Device. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 147–152, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Zhang 02]

Jian Zhang, Xiaohui Yuan & Bill P. Buckles. A Fast Evolution Strategies Based Approach To Image Registration. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 1249–1256, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Zhu 02]

Zhong-Yao Zhu & Kwong-Sak Leung. An Enhanced Annealing Genetic Algorithm For Multi-objective Optimization Problems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 658–665, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Zitzler 02]

Eckart Zitzler, Marco Laumanns, Lothar Thiele, Carlos M. Foneseca & Viviane Grunert da Fonseca. Why Quality Assessment Of Multiobjective Optimizers Is Difficult. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull,

M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, pages 666–674, New York, 9-13 July 2002. Morgan Kaufmann Publishers.

[Zydallis 02]

Jesse B. Zydallis, Todd A. Sriver & Gary B. Lamont. Multiobjective Evolutionary Algorithm Approach For Solving Integer Based Optimization Problems. In W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke & N. Jonoska, editeurs, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, page 1276, New York, 9-13 July 2002. Morgan Kaufmann Publishers.