## Список литературы

[Agogino 04]

Adrian Agogino & Kagan Tumer. Efficient Evaluation Functions for Multi-rover Systems. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1–11, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Aguilar-Ruiz 04a]

Jesus Aguilar-Ruiz, Jaume Bacardit & Federico Divina. Experimental Evaluation of Discretization Schemes for Rule Induction. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 828–839, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Aguilar-Ruiz 04b]

Jesus S. Aguilar-Ruiz, Daniel Mateos, Raul Giraldez & Jose C. Riquelme. Statistical Test-Based Evolutionary Segmentation of Yeast Genome. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 493–494, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ahn 04]

Chang Wook Ahn, R.S. Ramakrishna & David E. Goldberg. Real-Coded Bayesian Optimization Algorithm: Bringing the Strength of BOA into the Continuous World. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 840–851, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Alba 04a]

Enrique Alba & J. Francisco Chicano. Training Neural Networks with GA Hybrid Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 852–863, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Alba 04b]

Enrique Alba & Gabriel Luque. Growth Curves and Takeover Time in Distributed Evolutionary Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 864–876, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Albrecht 04]

Andreas A. Albrecht. On the Complexity to Approach Optimum Solutions by Inhomogeneous Markov Chains. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs,

Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 642–653, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Aporntewan 04]

Chatchawit Aporntewan & Prabhas Chongstitvatana. Simultaneity Matrix for Solving Hierarchically Decomposable Functions. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 877–888, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Araujo 04]

Lourdes Araujo, Gabriel Luque & Enrique Alba. *Metaheuristics for Natural Language Tagging*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 889–900, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Bader-Natal 04]

Ari Bader-Natal & Jordan B. Pollack. A Population-Differential Method of Monitoring Success and Failure in Coevolution. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 585–586, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ballester 04]

Pedro J. Ballester & Jonathan N. Carter. An Effective Real-Parameter Genetic Algorithm with Parent Centric Normal Crossover for Multimodal Optimisation. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 901–913, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Bassett 04]

Jeffrey K. Bassett, Mitchell A. Potter & Kenneth A. De Jong. Looking Under the EA Hood with Price's Equation. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 914–922, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Belda 04]

Ignasi Belda, Xavier Llorà, Marc Martinell, Teresa Tarragó & Ernest Giralt. Computer-Aided Peptide Evolution for Virtual Drug Design. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 321–332, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Berlik 04]

Stefan Berlik. A Step Size Preserving Directed Mutation Operator. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul

Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 786–787, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Berro 04]

Alain Berro & Stephane Sanchez. Autonomous Agent for Multi-objective Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 251–252, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Beyer 04]

Hans-Georg Beyer. Actuator Noise in Recombinant Evolution Strategies on General Quadratic Fitness Models. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 654–665, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Bongard 04]

Josh C. Bongard & Hod Lipson. Automating Genetic Network Inference with Minimal Physical Experimentation Using Coevolution. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 333–345, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Brabazon 04]

Anthony Brabazon, Arlindo Silva, Tiago Ferra de Sousa, Michael O'Neill, Robin Matthews & Ernesto Costa. A Particle Swarm Model of Organizational Adaptation. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 12–23, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Branke 04]

Jürgen Branke, Andreas Kamper & Hartmut Schmeck. Distribution of Evolutionary Algorithms in Heterogeneous Networks. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 923–934, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Bucci 04]

Anthony Bucci, Jordan B. Pollack & Edwin de Jong. Automated Extraction of Problem Structure. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 501–512, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Buehler 04]

Erik C. Buehler, Sanjoy Das & Jack F. Cully. Equilibrium and Extinction in a Trisexual Diploid Mating System: An Investigation. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 495–496, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Bui 04a]

Thang N. Bui & Joseph R. Rizzo. Finding Maximum Cliques with Distributed Ants. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 24–35, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Bui 04b]

Thang N. Bui & Gnanasekaran Sundarraj. Ant System for the k-Cardinality Tree Problem. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 36–47, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Burns 04]

Daniel J. Burns & Kevin T. May. On Parameterizing Models of Antigen-Antibody Binding Dynamics on Surfaces: A Genetic Algorithm Approach and the Need for Speed. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 497–498, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Buyukbozkirli 04]

Bulent Buyukbozkirli & Erik D. Goodman. A Statistical Model of GA Dynamics for the OneMax Problem. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 935–946, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Cantú-Paz 04a]

Erick Cantú-Paz. Adaptive Sampling for Noisy Problems. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 947–958, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Cantú-Paz 04b]

Erick Cantú-Paz. Feature Subset Selection, Class Separability, and Genetic Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 959–970, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Chang 04]

Ming Chang, Kazuhiro Ohkura, Kanji Ueda & Masaharu Sugiyama. Modeling Coevolutionary Genetic Algorithms on Two-Bit Landscapes: Random Partnering. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 513–524, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Cheng 04]

Chihyung Derrick Cheng & Alexander Kosorukoff. Interactive One-Max Problem Allows to Compare the Performance of Interactive and Human-Based Genetic Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 983–993, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Chitty 04a]

An Evolved Autonomous Controller for Satellite Task Darren M. Chitty. Scheduling. In Kalyanmov Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 253–254, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Chitty 04b]

Darren M. Chitty & Marcel L. Hernandez. A Hybrid Ant Colony Optimisation Technique for Dynamic Vehicle Routing. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 48–59, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Choi 04]

Sung-Soon Choi & Byung-Ro Moon. Polynomial Approximation of Survival Probabilities Under Multi-point Crossover. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 994–1005, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Chow 04]

Rick Chow. Genotype to Phenotype Mappings with a Multiple-Chromosome Genetic Algorithm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1006–1017, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Chryssomalakos 04] Chryssomalis Chryssomalakos & Christopher R. Stephens. What Basis for Genetic Dynamics? In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation - GECCO-2004, Part I, volume 3102 of Lecture

Notes in Computer Science, pages 1018–1029, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Clevenger 04]

Lauren M. Clevenger & William E. Hart. Convergence Examples of a Filter-Based Evolutionary Algorithm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 666–677, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Cornforth 04]

David Cornforth & Michael Kirley. Cooperative Problem Solving Using an Agent-Based Market. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 60–71, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Curran 04]

Dara Curran & Colm O'Riordan. Cultural Evolution for Sequential Decision Tasks: Evolving Tic-Tac-Toe Players in Multi-agent Systems. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 72–80, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[de Jong 04a]

Edwin D. de Jong. The Incremental Pareto-Coevolution Archive. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 525–536, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[de Jong 04b]

Edwin D. de Jong & Dirk Thierens. Exploiting Modularity, Hierarchy, and Repetition in Variable-Length Problems. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1030–1041, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[de Magalhäes 04]

Camila S. de Magalhäes, Helio J.C. Barbosa & Laurent E. Dardenne. Selection-Insertion Schemes in Genetic Algorithms for the Flexible Ligand Docking Problem. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 368–379, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Deb 04a]

Kalyanmoy Deb & Naveen Kumar Gupta. Optimal Operating Conditions for Overhead Crane Maneuvering Using Multi-objective Evolutionary Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark

Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 1042–1053, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Deb 04b]

Kalyanmoy Deb & Koushik Pal. Efficiently Solving: A Large-Scale Integer Linear Program Using a Customized Genetic Algorithm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1054–1065, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Delbem 04]

A.C.B. Delbem, Andre de Carvalho, Claudio A. Policastro, Adriano K.O. Pinto, Karen Honda & Anderson C. Garcia. *Node-Depth Encoding for Evolutionary Algorithms Applied to Network Design*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 678–687, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Dicke 04]

Elizabeth Dicke, Andrew Byde, Paul Layzell & Dave Cliff. *Using a Genetic Algorithm to Design and Improve Storage Area Network Architectures*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 1066–1077, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Dignum 04]

Stephen Dignum & Riccardo Poli. *Multi-agent Foreign Exchange Market Modelling Via GP*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 255–256, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Downing 04]

Keith L. Downing. Artificial Life and Natural Intelligence. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 81–92, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Dozier 04a]

Gerry Dozier, Douglas Brown, John Hurley & Krystal Cain. Vulnerability Analysis of Immunity-Based Intrusion Detection Systems Using Evolutionary Hackers. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 263–274, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Dozier 04b]

Gerry Dozier, Hurley Cunningham, Winard Britt & Funing Zhang. Distributed Constraint Satisfaction, Restricted Recombination, and Hybrid Genetic Search. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1078–1087, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Drewes 04]

Rich Drewes, James Maciokas, Sushil J. Louis & Philip Goodman. An Evolutionary Autonomous Agent with Visual Cortex and Recurrent Spiking Columnar Neural Network. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 257–258, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Droste 04]

Stefan Droste. Analysis of the (1+1) EA for a Noisy OneMax. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1088–1099, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Fischer 04a]

Simon Fischer. A Polynomial Upper Bound for a Mutation-Based Algorithm on the Two-Dimensional Ising Model. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1100–1112, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Fischer 04b]

Simon Fischer & Ingo Wegener. The Ising Model on the Ring: Mutation Versus Recombination. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1113–1124, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Garibay 04]

Ivan I. Garibay, Ozlem O. Garibay & Annie S. Wu. Effects of Module Encapsulation in Repetitively Modular Genotypes on the Search Space. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1125–1137, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Giacobini 04]

Mario Giacobini, Enrique Alba, Andrea Tettamanzi & Marco Tomassini. *Modeling Selection Intensity for Toroidal Cellular Evolutionary Algorithms*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk

Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 1138–1149, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Gomez 04a]

Jonatan Gomez. Evolution of Fuzzy Rule Based Classifiers. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1150–1161, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Gomez 04b]

Jonatan Gomez. Self Adaptation of Operator Rates in Evolutionary Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1162–1173, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Gómez 04c]

Osvaldo Gómez & Benjamin Barán. Arguments for ACO's Success. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 259–260, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Grahl 04]

Jörn Grahl & Franz Rothlauf. PolyEDA: Combining Estimation of Distribution Algorithms and Linear Inequality Constraints. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1174–1185, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Grajdeanu 04]

Adrian Grajdeanu & Kenneth De Jong. Improving the Locality Properties of Binary Representations. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1186–1196, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Greene 04]

William A. Greene. Schema Disruption in Chromosomes That Are Structured as Binary Trees. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1197–1207, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Grosan 04]

Crina Grosan. A Comparison of Several Algorithms and Representations for Single Objective Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs,

Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 788–789, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Hang 04]

Xiaoshu Hang & Honghua Dai. Constructing Detectors in Schema Complementary Space for Anomaly Detection. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 275–286, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Howard 04]

Brian Howard & John Sheppard. The Royal Road Not Taken: A Re-examination of the Reasons for GA Failure on R1. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1208–1219, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Hu 04]

Jianjun Hu & Erik Goodman. Robust and Efficient Genetic Algorithms with Hierarchical Niching and a Sustainable Evolutionary Computation Model. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1220–1232, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Huang 04]

Chien-Feng Huang & Luis M. Rocha. A Systematic Study of Genetic Algorithms with Genotype Editing. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1233–1245, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Inoue 04]

Yutaka Inoue, Takahiro Tohge & Hitoshi Iba. Learning to Acquire Autonomous Behavior: Cooperation by Humanoid Robots. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 590–602, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Iorio 04]

Antony W. Iorio & Xiaodong Li. A Cooperative Coevolutionary Multiobjective Algorithm Using Non-dominated Sorting. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 537–548, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ishibuchi 04a]

Hisao Ishibuchi & Kaname Narukawa. Some Issues on the Implementation of Local Search in Evolutionary Multiobjective Optimization. In Kalyanmoy

Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 1246–1258, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ishibuchi 04b]

Hisao Ishibuchi & Youhei Shibata. Mating Scheme for Controlling the Diversity-Convergence Balance for Multiobjective Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1259–1271, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Jakob 04]

Wilfried Jakob, Christian Blume & Georg Bretthauer. Towards a Generally Applicable Self-Adapting Hybridization of Evolutionary Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 790–791, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ji 04]

Zhou Ji & Dipankar Dasgupta. Real-Valued Negative Selection Algorithm with Variable-Sized Detectors. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 287–298, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Jin 04]

Yaochu Jin & Bernhard Sendhoff. Reducing Fitness Evaluations Using Clustering Techniques and Neural Network Ensembles. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 688–699, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Julstrom 04a]

Bryant A. Julstrom. Encoding Bounded-Diameter Spanning Trees with Permutations and with Random Keys. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1272–1281, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Julstrom 04b]

Bryant A. Julstrom & Athos Antoniades. Three Evolutionary Codings of Rectilinear Steiner Arborescences. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102

of Lecture Notes in Computer Science, pages 1282–1291, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Jung 04]

Soonchul Jung & Byung-Ro Moon. Central Point Crossover for Neuro-genetic Hybrids. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1292–1303, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Just 04]

Winfried Just & Xiaolu Sun. Is the Predicted ESS in the Sequential Assessment Game Evolvable? In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 499–500, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Keymeulen 04]

Didier Keymeulen, Ricardo Zebulum, Vu Duong, Xin Guo, Ian Ferguson & Adrian Stoica. *High Temperature Experiments for Circuit Self-Recovery*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 792–803, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Kim 04]

Yong-Hyuk Kim, Su-Yeon Lee & Byung-Ro Moon. A Genetic Approach for Gene Selection on Microarray Expression Data. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 346–355, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Klau 04]

Gunnar W. Klau, Ivana Ljubic, Andreas Moser, Petra Mutzel, Philipp Neuner, Ulrich Pferschy, Günther Raidl & René Weiskircher. Combining a Memetic Algorithm with Integer Programming to Solve the Prize-Collecting Steiner Tree Problem. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1304–1315, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Koduru 04]

Praveen Koduru, Sanjoy Das, Stephen Welch & Judith L. Roe. Fuzzy Dominance Based Multi-objective GA-Simplex Hybrid Algorithms Applied to Gene Network Models. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 356–367, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Kowaliw 04]

T. Kowaliw, P. Grogono & N. Kharma. Bluenome: A Novel Developmental Model of Artificial Morphogenesis. In Kalyanmoy Deb, Riccardo Poli, Wolfgang

Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 93–104, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Langeheine 04]

Jörg Langeheine, Martin Trefzer, Daniel Brüderle, Karlheinz Meier & Johannes Schemmel. On the Evolution of Analog Electronic Circuits Using Building Blocks on a CMOS FPTA. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1316–1327, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Li 04a]

Xiaodong Li. Adaptively Choosing Neighbourhood Bests Using Species in a Particle Swarm Optimizer for Multimodal Function Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 105–116, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Li 04b]

Xiaodong Li. Better Spread and Convergence: Particle Swarm Multiobjective Optimization Using the Maximin Fitness Function. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 117–128, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Liekens 04]

Anthony M.L. Liekens, Huub M.M. ten Eikelder & Peter A.J. Hilbers. *Predicting Genetic Drift in 2x2 Games*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 549–560, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Lima 04]

Cláudio F. Lima & Fernando G. Lobo. Parameter-Less Optimization with the Extended Compact Genetic Algorithm and Iterated Local Search. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1328–1339, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Lunacek 04]

Monte Lunacek, Darrell Whitley, Philip Gabriel & Graeme Stephens. Comparing Search Algorithms for the Temperature Inversion Problem. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004,

Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 1340–1351, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Maniadakis 04]

Michail Maniadakis & Panos Trahanias. Evolution Tunes Coevolution: Modelling Robot Cognition Mechanisms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 640–641, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Mauri 04]

Giancarlo Mauri, Roberto Mosca & Giulio Pavesi. A GA Approach to the Definition of Regulatory Signals in Genomic Sequences. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 380–391, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Menon 04]

Anil Menon. Inequality's Arrow: The Role of Greed and Order in Genetic Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1352–1364, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Mezura-Montes 04]

Efrén Mezura-Montes & Carlos A. Coello Coello. An Improved Diversity Mechanism for Solving Constrained Optimization Problems Using a Multimembered Evolution Strategy. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 700–712, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Miles 04]

Chris Miles, Sushil J. Louis & Rich Drewes. Trap Avoidance in Strategic Computer Game Playing with Case Injected Genetic Algorithms. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1365–1376, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Miller 04]

Julian Francis Miller. Evolving a Self-Repairing, Self-Regulating, French Flag Organism. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 129–139, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Monson 04]

Christopher K. Monson & Kevin D. Seppi. *The Kalman Swarm: A New Approach to Particle Motion in Swarm Optimization*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul

Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 140–150, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Moore 04]

Jason H. Moore & Lance W. Hahn. Systems Biology Modeling in Human Genetics Using Petri Nets and Grammatical Evolution. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 392–401, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Moraglio 04]

Alberto Moraglio & Riccardo Poli. Topological Interpretation of Crossover. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1377–1388, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Mumford 04]

Christine L. Mumford. Simple Population Replacement Strategies for a Steady-State Multi-objective Evolutionary Algorithm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1389–1400, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Nadimi 04]

Sohail Nadimi & Bir Bhanu. Cooperative Coevolution Fusion for Moving Object Detection. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 587–589, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Nakano 04]

Tadashi Nakano & Tatsuya Suda. Adaptive and Evolvable Network Services. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 151–162, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Nasraoui 04]

Olfa Nasraoui, Carlos Rojas & Cesar Cardona. Dynamic and Scalable Evolutionary Data Mining: An Approach Based on a Self-Adaptive Multiple Expression Mechanism. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1401–1413, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Neumann 04]

Frank Neumann & Ingo Wegener. Randomized Local Search, Evolutionary Algorithms, and the Minimum Spanning Tree Problem. In Kalyanmoy Deb,

Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 713–724, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Nicolau 04]

Miguel Nicolau & Conor Ryan. Crossover, Population Dynamics, and Convergence in the GAuGE System. In Kalyanmov Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1414–1425, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ohnishi 04]

Kei Ohnishi, Kumara Sastry, Ying-Ping Chen & David E. Goldberg. Inducing Sequentiality Using Grammatical Genetic Codes. In Kalyanmov Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 1426–1437, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[O'Neill 04]

Michael O'Neill & Anthony Brabazon. Grammatical Swarm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 163–174, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Paine 04]

Rainer W. Paine & Jun Tani. Evolved Motor Primitives and Sequences in a Hierarchical Recurrent Neural Network. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 603-614, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Palacios-Durazo 04] Ramón Alfonso Palacios-Durazo & Manuel Valenzuela-Rendón. Between Co-evolution and Learning Classifier Systems and Their Applications. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation -GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 561-572, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Panait 04]

Liviu Panait, R. Paul Wiegand & Sean Luke. A Sensitivity Analysis of a Cooperative Coevolutionary Algorithm Biased for Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 573–584, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Parsopoulos 04]

K.E. Parsopoulos, E.I. Papageorgiou, P.P. Groumpos & M.N. Vrahatis. Evolutionary Computation Techniques for Optimizing Fuzzy Cognitive Maps in Radiation Therapy Systems. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 402–413, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Paul 04]

Topon Kumar Paul & Hitoshi Iba. Identification of Informative Genes for Molecular Classification Using Probabilistic Model Building Genetic Algorithm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 414–425, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Peterson 04]

Michael R. Peterson, Travis E. Doom & Michael L. Raymer. GA-Facilitated Knowledge Discovery and Pattern Recognition Optimization Applied to the Biochemistry of Protein Solvation. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 426–437, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[ping Chen 04]

Ying ping Chen & David E. Goldberg. Introducing Subchromosome Representations to the Linkage Learning Genetic Algorithm. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 971–982, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Pires 04]

E.J. Solteiro Pires, J.A. Tenreiro Machado & P.B. de Moura Oliveira. Robot Trajectory Planning Using Multi-objective Genetic Algorithm Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 615–626, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Pulido 04]

Gregorio Toscano Pulido & Carlos A. Coello Coello. *Using Clustering Techniques to Improve the Performance of a Multi-objective Particle Swarm Optimizer*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 225–237, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[qiang Qi 04]

Zhen qiang Qi, Shen min Song, Zhao hua Yang, Guang da Hu & Fu en Zhang. A Novel Immune Feedback Control Algorithm and Its Applications. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul

Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 318–320, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Rieffel 04]

John Rieffel & Jordan Pollack. The Emergence of Ontogenic Scaffolding in a Stochastic Development Environment. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 804–815, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Ritchie 04]

Marylyn D. Ritchie, Christopher S. Coffey & Jason H. Moore. Genetic Programming Neural Networks as a Bioinformatics Tool for Human Genetics. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 438–448, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Rowe 04]

Jonathan E. Rowe & Džena Hidović. An Evolution Strategy Using a Continuous Version of the Gray-Code Neighbourhood Distribution. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 725–736, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Sapin 04]

Emmanuel Sapin, Olivier Bailleux, Jean-Jacques Chabrier & Pierre Collet. *A New Universal Cellular Automaton Discovered by Evolutionary Algorithms*. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 175–187, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Semet 04]

Yann Semet, Una-May O'Reilly & Frédo Durand. An Interactive Artificial Ant Approach to Non-photorealistic Rendering. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 188–200, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Sheneman 04]

Luke Sheneman & James A. Foster. Evolving Better Multiple Sequence Alignments. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 449–460, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Shu 04]

Li-Sun Shu, Shinn-Jang Ho, Shinn-Ying Ho, Jian-Hung Chen & Ming-Hao Hung. A Novel Multi-objective Orthogonal Simulated Annealing Algorithm for Solving Multi-objective Optimization Problems with a Large Number of Parameters. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 737–747, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Spieth 04]

Christian Spieth, Felix Streichert, Nora Speer & Andreas Zell. Optimizing Topology and Parameters of Gene Regulatory Network Models from Time-Series Experiments. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 461–470, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Stibor 04]

Thomas Stibor, Kpatscha M. Bayarou & Claudia Eckert. An Investigation of R-Chunk Detector Generation on Higher Alphabets. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 299–307, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Storch 04]

Tobias Storch. On the Choice of the Population Size. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 748–760, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Streichert 04]

Felix Streichert, Hannes Planatscher, Christian Spieth, Holger Ulmer & Andreas Zell. Comparing Genetic Programming and Evolution Strategies on Inferring Gene Regulatory Networks. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 471–480, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Talbott 04]

Walter A. Talbott. Automatic Creation of Team-Control Plans Using an Assignment Branch in Genetic Programming. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 201–212, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Tanev 04a]

Ivan Tanev, Thomas Ray & Andrzej Buller. Evolution, Robustness, and Adaptation of Sidewinding Locomotion of Simulated Snake-Like Robot. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark

Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 627–639, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Tanev 04b]

Ivan Tanev & Kikuo Yuta. Implications of Epigenetic Learning Via Modification of Histones on Performance of Genetic Programming. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 213–224, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Thoma 04]

Yann Thoma & Eduardo Sanchez. A Reconfigurable Chip for Evolvable Hardware. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 816–827, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Timmis 04]

Jon Timmis & Camilla Edmonds. A Comment on Opt-AiNET: An Immune Network Algorithm for Optimisation. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 308–317, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Witt 04]

Carsten Witt. An Analysis of the (1+1) EA on Simple Pseudo-Boolean Functions. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 761–773, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Xie 04a]

Xiao-Feng Xie & Wen-Jun Zhang. Solving Engineering Design Problems by Social Cognitive Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 261–262, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Xie 04b]

Xiao-Feng Xie & Wen-Jun Zhang. SWAF: Swarm Algorithm Framework for Numerical Optimization. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 238–250, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Yanai 04]

Kohsuke Yanai & Hitoshi Iba. Program Evolution by Integrating EDP and GP. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund

Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of *Lecture Notes in Computer Science*, pages 774–785, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.

[Yang 04]

Jinn-Moon Yang, Tsai-Wei Shen, Yen-Fu Chen & Yi-Yuan Chiu. An Evolutionary Approach with Pharmacophore-Based Scoring Functions for Virtual Database Screening. In Kalyanmoy Deb, Riccardo Poli, Wolfgang Banzhaf, Hans-Georg Beyer, Edmund Burke, Paul Darwen, Dipankar Dasgupta, Dario Floreano, James Foster, Mark Harman, Owen Holland, Pier Luca Lanzi, Lee Spector, Andrea Tettamanzi, Dirk Thierens & Andy Tyrrell, editeurs, Genetic and Evolutionary Computation – GECCO-2004, Part I, volume 3102 of Lecture Notes in Computer Science, pages 481–492, Seattle, WA, USA, 26-30 June 2004. Springer-Verlag.