

Список литературы

- [1] A. Agogino and K. Tumer, "Efficient evaluation functions for multi-rover systems," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1–11. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020001.htm>
- [2] A. Brabazon, A. Silva, T. F. de Sousa, M. O'Neill, R. Matthews, and E. Costa, "A particle swarm model of organizational adaptation," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 12–23. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020012.htm>
- [3] T. N. Bui and J. R. Rizzo, "Finding maximum cliques with distributed ants," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 24–35. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020024.htm>
- [4] T. N. Bui and G. Sundarraj, "Ant system for the k-cardinality tree problem," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 36–47. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020036.htm>
- [5] D. M. Chitty and M. L. Hernandez, "A hybrid ant colony optimisation technique for dynamic vehicle routing," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 48–59. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020048.htm>
- [6] D. Cornforth and M. Kirley, "Cooperative problem solving using an agent-based market," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 60–71. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020060.htm>
- [7] D. Curran and C. O'Riordan, "Cultural evolution for sequential decision tasks: Evolving tic-tac-toe players in multi-agent systems," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 72–80. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020072.htm>
- [8] K. L. Downing, "Artificial life and natural intelligence," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell,

Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 81–92. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020081.htm>

- [9] T. Kowaliw, P. Grogono, and N. Kharm, “Bluenome: A novel developmental model of artificial morphogenesis,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 93–104. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020093.htm>
- [10] X. Li, “Adaptively choosing neighbourhood bests using species in a particle swarm optimizer for multimodal function optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 105–116. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020105.htm>
- [11] —, “Better spread and convergence: Particle swarm multiobjective optimization using the maximin fitness function,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 117–128. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020117.htm>
- [12] J. F. Miller, “Evolving a self-repairing, self-regulating, french flag organism,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 129–139. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020129.htm>
- [13] C. K. Monson and K. D. Seppi, “The kalman swarm: A new approach to particle motion in swarm optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 140–150. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020140.htm>
- [14] T. Nakano and T. Suda, “Adaptive and evolvable network services,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 151–162. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020151.htm>
- [15] M. O’Neill and A. Brabazon, “Grammatical swarm,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 163–174. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020163.htm>
- [16] E. Sapin, O. Bailleux, J.-J. Chabrier, and P. Collet, “A new universal cellular automaton discovered by evolutionary algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf,

- H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 175–187. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020175.htm>
- [17] Y. Semet, U.-M. O'Reilly, and F. Durand, “An interactive artificial ant approach to non-photorealistic rendering,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 188–200. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020188.htm>
- [18] W. A. Talbott, “Automatic creation of team-control plans using an assignment branch in genetic programming,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 201–212. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020201.htm>
- [19] I. Tanev and K. Yuta, “Implications of epigenetic learning via modification of histones on performance of genetic programming,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 213–224. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020213.htm>
- [20] G. T. Pulido and C. A. C. Coello, “Using clustering techniques to improve the performance of a multi-objective particle swarm optimizer,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 225–237. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020225.htm>
- [21] X.-F. Xie and W.-J. Zhang, “Swaf: Swarm algorithm framework for numerical optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 238–250. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020238.htm>
- [22] A. Berro and S. Sanchez, “Autonomous agent for multi-objective optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 251–252. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020251.htm>
- [23] D. M. Chitty, “An evolved autonomous controller for satellite task scheduling,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 253–254. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020253.htm>

- [24] S. Dignum and R. Poli, “Multi-agent foreign exchange market modelling via gp,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 255–256. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020255.htm>
- [25] R. Drewes, J. Maciokas, S. J. Louis, and P. Goodman, “An evolutionary autonomous agent with visual cortex and recurrent spiking columnar neural network,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 257–258. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020257.htm>
- [26] O. Gómez and B. Barán, “Arguments for aco’s success,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 259–260. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020259.htm>
- [27] X.-F. Xie and W.-J. Zhang, “Solving engineering design problems by social cognitive optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 261–262. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020261.htm>
- [28] G. Dozier, D. Brown, J. Hurley, and K. Cain, “Vulnerability analysis of immunity-based intrusion detection systems using evolutionary hackers,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 263–274. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020263.htm>
- [29] X. Hang and H. Dai, “Constructing detectors in schema complementary space for anomaly detection,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 275–286. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020275.htm>
- [30] Z. Ji and D. Dasgupta, “Real-valued negative selection algorithm with variable-sized detectors,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 287–298. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020287.htm>
- [31] T. Stibor, K. M. Bayarou, and C. Eckert, “An investigation of r-chunk detector generation on higher alphabets,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102.

- Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 299–307. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020299.htm>
- [32] J. Timmis and C. Edmonds, “A comment on opt-ainet: An immune network algorithm for optimisation,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 308–317. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020308.htm>
- [33] Z. qiang Qi, S. min Song, Z. hua Yang, G. da Hu, and F. en Zhang, “A novel immune feedback control algorithm and its applications,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 318–320. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020318.htm>
- [34] I. Belda, X. Llorà, M. Martinell, T. Tarragó, and E. Giralt, “Computer-aided peptide evolution for virtual drug design,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 321–332. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020321.htm>
- [35] J. C. Bongard and H. Lipson, “Automating genetic network inference with minimal physical experimentation using coevolution,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 333–345. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020333.htm>
- [36] Y.-H. Kim, S.-Y. Lee, and B.-R. Moon, “A genetic approach for gene selection on microarray expression data,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 346–355. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020346.htm>
- [37] P. Koduru, S. Das, S. Welch, and J. L. Roe, “Fuzzy dominance based multi-objective ga-simplex hybrid algorithms applied to gene network models,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 356–367. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020356.htm>
- [38] C. S. de Magalhães, H. J. Barbosa, and L. E. Dardenne, “Selection-insertion schemes in genetic algorithms for the flexible ligand docking problem,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 368–379. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020368.htm>

- [39] G. Mauri, R. Mosca, and G. Pavesi, “A ga approach to the definition of regulatory signals in genomic sequences,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 380–391. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020380.htm>
- [40] J. H. Moore and L. W. Hahn, “Systems biology modeling in human genetics using petri nets and grammatical evolution,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 392–401. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020392.htm>
- [41] K. Parsopoulos, E. Papageorgiou, P. Groumpos, and M. Vrahatis, “Evolutionary computation techniques for optimizing fuzzy cognitive maps in radiation therapy systems,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 402–413. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020402.htm>
- [42] T. K. Paul and H. Iba, “Identification of informative genes for molecular classification using probabilistic model building genetic algorithm,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 414–425. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020414.htm>
- [43] M. R. Peterson, T. E. Doom, and M. L. Raymer, “Ga-facilitated knowledge discovery and pattern recognition optimization applied to the biochemistry of protein solvation,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 426–437. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020426.htm>
- [44] M. D. Ritchie, C. S. Coffey, and J. H. Moore, “Genetic programming neural networks as a bioinformatics tool for human genetics,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 438–448. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020438.htm>
- [45] L. Sheneman and J. A. Foster, “Evolving better multiple sequence alignments,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 449–460. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020449.htm>
- [46] C. Spieth, F. Streichert, N. Speer, and A. Zell, “Optimizing topology and parameters of gene regulatory network models from time-series experiments,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster,

- M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 461–470. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020461.htm>
- [47] F. Streichert, H. Planatscher, C. Spieth, H. Ulmer, and A. Zell, “Comparing genetic programming and evolution strategies on inferring gene regulatory networks,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 471–480. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020471.htm>
- [48] J.-M. Yang, T.-W. Shen, Y.-F. Chen, and Y.-Y. Chiu, “An evolutionary approach with pharmacophore-based scoring functions for virtual database screening,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 481–492. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020481.htm>
- [49] J. S. Aguilar-Ruiz, D. Mateos, R. Giraldez, and J. C. Riquelme, “Statistical test-based evolutionary segmentation of yeast genome,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 493–494. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020493.htm>
- [50] E. C. Buehler, S. Das, and J. F. Cully, “Equilibrium and extinction in a trisexual diploid mating system: An investigation,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 495–496. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020495.htm>
- [51] D. J. Burns and K. T. May, “On parameterizing models of antigen-antibody binding dynamics on surfaces: A genetic algorithm approach and the need for speed,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 497–498. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020497.htm>
- [52] W. Just and X. Sun, “Is the predicted ess in the sequential assessment game evolvable?” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 499–500. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020499.htm>
- [53] A. Bucci, J. B. Pollack, and E. de Jong, “Automated extraction of problem structure,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 501–512. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020501.htm>
- [54] M. Chang, K. Ohkura, K. Ueda, and M. Sugiyama, “Modeling coevolutionary genetic algorithms on two-bit landscapes: Random partnering,” in *Genetic and Evolutionary Computation –*

- GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 513–524. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020513.htm>
- [55] E. D. de Jong, “The incremental pareto-coevolution archive,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 525–536. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020525.htm>
- [56] A. W. Iorio and X. Li, “A cooperative coevolutionary multiobjective algorithm using non-dominated sorting,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 537–548. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020537.htm>
- [57] A. M. Liekens, H. M. ten Eikelder, and P. A. Hilbers, “Predicting genetic drift in 2x2 games,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 549–560. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020549.htm>
- [58] R. A. Palacios-Durazo and M. Valenzuela-Rendón, “Similarities between co-evolution and learning classifier systems and their applications,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 561–572. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020561.htm>
- [59] L. Panait, R. P. Wiegand, and S. Luke, “A sensitivity analysis of a cooperative coevolutionary algorithm biased for optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 573–584. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020573.htm>
- [60] A. Bader-Natal and J. B. Pollack, “A population-differential method of monitoring success and failure in coevolution,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 585–586. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020585.htm>
- [61] S. Nadimi and B. Bhanu, “Cooperative coevolution fusion for moving object detection,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 587–589. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020587.htm>

- [62] Y. Inoue, T. Tohge, and H. Iba, "Learning to acquire autonomous behavior: Cooperation by humanoid robots," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 590–602. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020590.htm>
- [63] R. W. Paine and J. Tani, "Evolved motor primitives and sequences in a hierarchical recurrent neural network," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 603–614. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020603.htm>
- [64] E. S. Pires, J. T. Machado, and P. de Moura Oliveira, "Robot trajectory planning using multi-objective genetic algorithm optimization," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 615–626. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020615.htm>
- [65] I. Tanev, T. Ray, and A. Buller, "Evolution, robustness, and adaptation of sidewinding locomotion of simulated snake-like robot," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 627–639. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020627.htm>
- [66] M. Maniadakis and P. Trahanias, "Evolution tunes coevolution: Modelling robot cognition mechanisms," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 640–641. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020640.htm>
- [67] A. A. Albrecht, "On the complexity to approach optimum solutions by inhomogeneous markov chains," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 642–653. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020642.htm>
- [68] H.-G. Beyer, "Actuator noise in recombinant evolution strategies on general quadratic fitness models," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 654–665. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020654.htm>
- [69] L. M. Cleverger and W. E. Hart, "Convergence examples of a filter-based evolutionary algorithm," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer,

- E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 666–677. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020666.htm>
- [70] A. Delbem, A. de Carvalho, C. A. Policastro, A. K. Pinto, K. Honda, and A. C. Garcia, “Node-depth encoding for evolutionary algorithms applied to network design,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 678–687. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020678.htm>
- [71] Y. Jin and B. Sendhoff, “Reducing fitness evaluations using clustering techniques and neural network ensembles,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 688–699. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020688.htm>
- [72] E. Mezura-Montes and C. A. C. Coello, “An improved diversity mechanism for solving constrained optimization problems using a multimembered evolution strategy,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 700–712. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020700.htm>
- [73] F. Neumann and I. Wegener, “Randomized local search, evolutionary algorithms, and the minimum spanning tree problem,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 713–724. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020713.htm>
- [74] J. E. Rowe and D. zena Hidović, “An evolution strategy using a continuous version of the gray-code neighbourhood distribution,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 725–736. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020725.htm>
- [75] L.-S. Shu, S.-J. Ho, S.-Y. Ho, J.-H. Chen, and M.-H. Hung, “A novel multi-objective orthogonal simulated annealing algorithm for solving multi-objective optimization problems with a large number of parameters,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 737–747. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020737.htm>
- [76] T. Storch, “On the choice of the population size,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 748–760. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020748.htm>

- [77] C. Witt, “An analysis of the (1+1) ea on simple pseudo-boolean functions,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 761–773. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020761.htm>
- [78] K. Yanai and H. Iba, “Program evolution by integrating edp and gp,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 774–785. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020774.htm>
- [79] S. Berlik, “A step size preserving directed mutation operator,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 786–787. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020786.htm>
- [80] C. Grosan, “A comparison of several algorithms and representations for single objective optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 788–789. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020788.htm>
- [81] W. Jakob, C. Blume, and G. Bretthauer, “Towards a generally applicable self-adapting hybridization of evolutionary algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 790–791. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020790.htm>
- [82] D. Keymeulen, R. Zebulum, V. Duong, X. Guo, I. Ferguson, and A. Stoica, “High temperature experiments for circuit self-recovery,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 792–803. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020792.htm>
- [83] J. Rieffel and J. Pollack, “The emergence of ontogenic scaffolding in a stochastic development environment,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 804–815. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020804.htm>
- [84] Y. Thoma and E. Sanchez, “A reconfigurable chip for evolvable hardware,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 816–827. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020816.htm>

- [85] J. Aguilar-Ruiz, J. Bacardit, and F. Divina, “Experimental evaluation of discretization schemes for rule induction,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 828–839. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020828.htm>
- [86] C. W. Ahn, R. Ramakrishna, and D. E. Goldberg, “Real-coded bayesian optimization algorithm: Bringing the strength of boa into the continuous world,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 840–851. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020840.htm>
- [87] E. Alba and J. F. Chicano, “Training neural networks with ga hybrid algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 852–863. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020852.htm>
- [88] E. Alba and G. Luque, “Growth curves and takeover time in distributed evolutionary algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 864–876. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020864.htm>
- [89] C. Apornthewan and P. Chongstitvatana, “Simultaneity matrix for solving hierarchically decomposable functions,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 877–888. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020877.htm>
- [90] L. Araujo, G. Luque, and E. Alba, “Metaheuristics for natural language tagging,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 889–900. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020889.htm>
- [91] P. J. Ballester and J. N. Carter, “An effective real-parameter genetic algorithm with parent centric normal crossover for multimodal optimisation,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 901–913. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020901.htm>
- [92] J. K. Bassett, M. A. Potter, and K. A. D. Jong, “Looking under the ea hood with price’s equation,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102.

- Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 914–922. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020914.htm>
- [93] J. Branke, A. Kamper, and H. Schneck, “Distribution of evolutionary algorithms in heterogeneous networks,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 923–934. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020923.htm>
- [94] B. Buyukbozkirli and E. D. Goodman, “A statistical model of ga dynamics for the onemax problem,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 935–946. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020935.htm>
- [95] E. Cantú-Paz, “Adaptive sampling for noisy problems,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 947–958. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020947.htm>
- [96] —, “Feature subset selection, class separability, and genetic algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 959–970. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020959.htm>
- [97] Y. ping Chen and D. E. Goldberg, “Introducing subchromosome representations to the linkage learning genetic algorithm,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 971–982. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020971.htm>
- [98] C. D. Cheng and A. Kosorukoff, “Interactive one-max problem allows to compare the performance of interactive and human-based genetic algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 983–993. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020983.htm>
- [99] S.-S. Choi and B.-R. Moon, “Polynomial approximation of survival probabilities under multi-point crossover,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 994–1005. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31020994.htm>
- [100] R. Chow, “Genotype to phenotype mappings with a multiple-chromosome genetic algorithm,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer

- Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1006–1017. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021006.htm>
- [101] C. Chrysomalakos and C. R. Stephens, “What basis for genetic dynamics?” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1018–1029. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021018.htm>
- [102] E. D. de Jong and D. Thierens, “Exploiting modularity, hierarchy, and repetition in variable-length problems,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1030–1041. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021030.htm>
- [103] K. Deb and N. K. Gupta, “Optimal operating conditions for overhead crane maneuvering using multi-objective evolutionary algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1042–1053. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021042.htm>
- [104] K. Deb and K. Pal, “Efficiently solving: A large-scale integer linear program using a customized genetic algorithm,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1054–1065. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021054.htm>
- [105] E. Dicke, A. Bye, P. Layzell, and D. Cliff, “Using a genetic algorithm to design and improve storage area network architectures,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1066–1077. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021066.htm>
- [106] G. Dozier, H. Cunningham, W. Britt, and F. Zhang, “Distributed constraint satisfaction, restricted recombination, and hybrid genetic search,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1078–1087. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021078.htm>
- [107] S. Droste, “Analysis of the $(1 + 1)$ ea for a noisy onemax,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1088–1099. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021088.htm>

- [108] S. Fischer, “A polynomial upper bound for a mutation-based algorithm on the two-dimensional ising model,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1100–1112. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021100.htm>
- [109] S. Fischer and I. Wegener, “The ising model on the ring: Mutation versus recombination,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1113–1124. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021113.htm>
- [110] I. I. Garibay, O. O. Garibay, and A. S. Wu, “Effects of module encapsulation in repetitively modular genotypes on the search space,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1125–1137. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021125.htm>
- [111] M. Giacobini, E. Alba, A. Tettamanzi, and M. Tomassini, “Modeling selection intensity for toroidal cellular evolutionary algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1138–1149. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021138.htm>
- [112] J. Gomez, “Evolution of fuzzy rule based classifiers,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1150–1161. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021150.htm>
- [113] —, “Self adaptation of operator rates in evolutionary algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1162–1173. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021162.htm>
- [114] J. Grahl and F. Rothlauf, “Polyeda: Combining estimation of distribution algorithms and linear inequality constraints,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1174–1185. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021174.htm>
- [115] A. Grajdeanu and K. D. Jong, “Improving the locality properties of binary representations,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June

- 2004, pp. 1186–1196. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021186.htm>
- [116] W. A. Greene, “Schema disruption in chromosomes that are structured as binary trees,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1197–1207. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021197.htm>
 - [117] B. Howard and J. Sheppard, “The royal road not taken: A re-examination of the reasons for ga failure on r1,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1208–1219. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021208.htm>
 - [118] J. Hu and E. Goodman, “Robust and efficient genetic algorithms with hierarchical niching and a sustainable evolutionary computation model,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1220–1232. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021220.htm>
 - [119] C.-F. Huang and L. M. Rocha, “A systematic study of genetic algorithms with genotype editing,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1233–1245. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021233.htm>
 - [120] H. Ishibuchi and K. Narukawa, “Some issues on the implementation of local search in evolutionary multiobjective optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1246–1258. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021246.htm>
 - [121] H. Ishibuchi and Y. Shibata, “Mating scheme for controlling the diversity-convergence balance for multiobjective optimization,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1259–1271. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021259.htm>
 - [122] B. A. Julstrom, “Encoding bounded-diameter spanning trees with permutations and with random keys,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1272–1281. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021272.htm>
 - [123] B. A. Julstrom and A. Antoniadis, “Three evolutionary codings of rectilinear steiner arborescences,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser.

- Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1282–1291. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021282.htm>
- [124] S. Jung and B.-R. Moon, “Central point crossover for neuro-genetic hybrids,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1292–1303. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021292.htm>
- [125] G. W. Klau, I. Ljubic, A. Moser, P. Mutzel, P. Neuner, U. Pfersch, G. Raidl, and R. Weiskircher, “Combining a memetic algorithm with integer programming to solve the prize-collecting steiner tree problem,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1304–1315. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021304.htm>
- [126] J. Langeheine, M. Trefzer, D. Brüderle, K. Meier, and J. Schemmel, “On the evolution of analog electronic circuits using building blocks on a cmos fpga,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1316–1327. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021316.htm>
- [127] C. F. Lima and F. G. Lobo, “Parameter-less optimization with the extended compact genetic algorithm and iterated local search,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1328–1339. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021328.htm>
- [128] M. Lunacek, D. Whitley, P. Gabriel, and G. Stephens, “Comparing search algorithms for the temperature inversion problem,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1340–1351. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021340.htm>
- [129] A. Menon, “Inequality’s arrow: The role of greed and order in genetic algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1352–1364. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021352.htm>
- [130] C. Miles, S. J. Louis, and R. Drewes, “Trap avoidance in strategic computer game playing with case injected genetic algorithms,” in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1365–1376. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021365.htm>

- [131] A. Moraglio and R. Poli, "Topological interpretation of crossover," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1377–1388. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021377.htm>
- [132] C. L. Mumford, "Simple population replacement strategies for a steady-state multi-objective evolutionary algorithm," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1389–1400. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021389.htm>
- [133] O. Nasraoui, C. Rojas, and C. Cardona, "Dynamic and scalable evolutionary data mining: An approach based on a self-adaptive multiple expression mechanism," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1401–1413. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021401.htm>
- [134] M. Nicolau and C. Ryan, "Crossover, population dynamics, and convergence in the gauge system," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1414–1425. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021414.htm>
- [135] K. Ohnishi, K. Sastry, Y.-P. Chen, and D. E. Goldberg, "Inducing sequentiality using grammatical genetic codes," in *Genetic and Evolutionary Computation – GECCO-2004, Part I*, ser. Lecture Notes in Computer Science, K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, and A. Tyrrell, Eds., vol. 3102. Seattle, WA, USA: Springer-Verlag, 26-30 June 2004, pp. 1426–1437. [Online]. Available: <http://link.springer.de/link/service/series/0558/bibs/3102/31021426.htm>