

Список литературы

- [1] Fabio Abbattista, Valeria Carofiglio, ja Mario Koppen. Scout algorithms and genetic algorithms: A comparative study. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 769, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [2] Adam V. Adamopoulos, Efstratios F. Georgopoulos, Spiridon D. Likothanassis, ja Photios A. Anninos. Forecasting the magnetoencephalogram (meg) of epileptic patients using genetically optimized neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1457–1462, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [3] Alexandru Agapie. Random systems with complete connections. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 770, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [4] Jesus Aguilar, Jose Riquelme, ja Miguel Toro. Three geometric approaches for representing decision rules in a supervised learning system. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 771, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [5] Jose Aguilar ja Pablo Miranda. Approaches based on genetic algorithms for multiobjective optimization problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 3–10, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [6] Hernan E. Aguirre, Kiyoshi Tanaka, ja Tatsuo Sugimura. Cooperative crossover and mutation operators in genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 772, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [7] Manu Ahluwalia ja Larry Bull. Coevolving functions in genetic programming: Classification using k-nearest-neighbour. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 947–952, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [8] Manu Ahluwalia ja Larry Bull. A genetic programming-based classifier system. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 11–18, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [9] Enrique Alba, Carlos Cotta, ja Jose M. Troya. Entropic and real-time analysis of the search with panmictic, structured, and parallel distributed genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 773, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [10] Joaquim N. Aparicio, Luis Correia, ja Fernando Moura-Pires. Populations are multisets-plato. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1845–1850, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [11] Patrick Van Bael, Dirk Devogelaere, ja M. Rijckaert. The job shop problem solved with simple, basic evolutionary search elements. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 665–669, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [12] A. J. Bagnall ja G. D. Smith. Using an adaptive agent to bid in a simplified model of the uk market in electricity. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 774, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [13] Alwyn Barry. Aliasing in xcs and the consecutive state problem: 1 - effects. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 19–26, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [14] Alwyn Barry. Aliasing in xcs and the consecutive state problem: 2 - solutions. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 27–34, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [15] Daryl Battle, Abdollah Homaifar, Edward Tunstel, ja Gerry Dozier. Genetic programming of full knowledge bases for fuzzy logic controllers. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1463–1468, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [16] M. A. Beck ja I. C. Parmee. Extending the bounds of the search space: A multi-population approach. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1469–1476, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [17] G. N. Beligiannis, E. N. Demiris, ja S. D. Likothanassis. Evolutionary multimodel partitioning filters for nonlinear systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1227, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [18] Peter Bentley ja Sanjeev Kumar. Three ways to grow designs: A comparison of embryogenies for an evolutionary design problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 35–43, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [19] Jean Berger, Mourad Sassi, ja Martin Salois. A hybrid genetic algorithm for the vehicle routing problem with time windows and itinerary constraints. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 44–51, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [20] Michael L. Best. Coevolving mutualists guide simulated evolution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 941, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [21] Hans-Georg Beyer ja Dirk V. Arnold. Fitness noise and localization errors of the optimum in general quadratic fitness models. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the*

Genetic and Evolutionary Computation Conference, osa 1, ss. 817–824, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [22] Stefan Boettcher ja Allon G. Percus. Extremal optimization: Methods derived from co-evolution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 825–832, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [23] Celia C. Bojarczuk, Heitor S. Lopes, ja Alex A. Freitas. Discovering comprehensible classification rules by using genetic programming: a case study in a medical domain. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 953–958, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [24] Andrea Bonarini. Comparing reinforcement learning algorithms applied to crisp and fuzzy learning classifier systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 52–59, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [25] Christopher R. Bonham ja Ian C. Parmee. An investigation of exploration and exploitation within cluster oriented genetic algorithms (cogas). Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1491–1497, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [26] Peter A. N. Bosman ja Dirk Thierens. Linkage information processing in distribution estimation algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 60–67, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [27] Markus Brameier, Frank Hoffmann, Peter Nordin, Wolfgang Banzhaf, ja Frank Francone. Parallel machine code genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1228, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [28] Jurgen Branke, Massimo Cutaia, ja Heinrich Dold. Reducing genetic drift in steady state evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 68–74, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [29] Carlos A. Brizuela ja Nobuo Sannomiya. A diversity study in genetic algorithms for job shop scheduling problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 75–82, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [30] Larry Bull. On using zcs in a simulated continuous double-auction market. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 83–90, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [31] Stephane Calderoni. Behavior-based control system in multiagent domain. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1439, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [32] Angelo Cangelosi. Heterochrony and adaptation in developing neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1241–1248, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [33] Erick Cantu-Paz. Migration policies and takeover times in genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 775, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [34] Erick Cantu-Paz. Topologies, migration rates, and multi-population parallel genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 91–98, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [35] Hongqing Cao, Lishan Kang, ja Yuping Chen. Evolutionary modeling of ordinary differential equations for dynamic systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 959–965, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [36] Lijuan Cao ja Tay Eng Hock (Francis). Neuro-genetic based method to the classification of acupuncture needle: A case study. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 99–105, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [37] Lijuan Cao, Tay Eng Hock (Francis), Ma Lawrence, ja Wai Cheong Yeong. Classification of the market states using neural network. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 776, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [38] P. A. Castillo, V. Rivas, J. J. Merelo, J. Gonzalez, A. Prieto, ja G. Romero. G-prop-iii: Global optimization of multilayer perceptrons using an evolutionary algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 942, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [39] Robert Cattral, Franz Oppacher, ja Dwight Deugo. Rule acquisition with a genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 778, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [40] Zeke S. H. Chan, H. W. Ngan, ja A. B. Rad. Minimum-allele-reserve-keeper (mark): A fast and effective mutation scheme for genetic algorithm (ga). Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 106–113, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [41] Shu-Heng Chen ja Tzu-Wen Kuo. Towards an agent-based foundation of financial econometrics: An approach based on genetic-programming artificial markets. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 966, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [42] Shu-Heng Chen, Wei-Yuan Lin, ja Chueh-Long Tsao. Genetic algorithms, trading strategies and stochastic processes: Some new evidence from monte carlo simulations. Kirjassa Wolfgang

- Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 114–121, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [43] Stephen Chen, Cesar Guerra-Salcedo, ja Stephen F. Smith. Non-standard crossover for a standard representation – commonality-based feature subset selection. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 129–134, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [44] Stephen Chen ja Stephen F. Smith. Improving genetic algorithms by search space reductions (with applications to flow shop scheduling). Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 135–140, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [45] Stephen Chen ja Stephen F. Smith. Introducing a new advantage of crossover: Commonality-based selection. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 122–128, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [46] Maezawa Chikara ja Atsumi Masayasu. Collaborative learning agents with structural classifier systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 777, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [47] Fuey Sian Chong ja W. B. Langdon. Java based distributed genetic programming on the internet. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1229, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [48] Chao-Hsien Chu, G. Premkumar, Carey Chou, ja Jianzhong Sun. Dynamic degree constrained network design: A genetic algorithm approach. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 141–148, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [49] Mark Coletti, Thomas D. Lash, Ryszard Michalski, Craig Mandsager, ja Rida Moustafa. Comparing performance of the learnable evolution model and genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 779, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [50] Pierre Collet, Evelyne Lutton, Frederic Raynal, ja Marc Schoenauer. Individual gp: an alternative viewpoint for the resolution of complex problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 974–981, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [51] J. J. Collins ja Conor Ryan. Non-stationary function optimization using polygenic inheritance. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 781, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [52] J. J. Collins, Lucia Sheehan, ja Conor Casey. Genetic planner for a mobile robot navigation system. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant

- Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 782, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [53] Trevor D. Collins. A comparison of search space visualization techniques. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 780, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [54] David Corney ja Ian Parmee. N-dimensional surface mapping using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1230, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [55] Lino Costa ja Pedro Oliveira. Gas in global optimization of mixed integer non-linear problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1773, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [56] Carlos Cotta, Enrique Alba, ja Jose M. Troya. Improving the scalability of dynastically optimal forma recombination by tuning the granularity of the representation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 783, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [57] Kelly D. Crawford, Michael D. McCormack, ja Donald J. MacAllister. Modified gradient techniques for normalized solution vectors. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1498–1503, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [58] Dragan Cvetkovic ja Ian C. Parmee. Use of preferences for ga-based multi-objective optimisation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1504–1509, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [59] Jason M. Daida, Derrick S. Ampy, Michael Ratanasavetavadhana, Hsiao-wei Li, ja Omar A. Chaudhri. Challenges with verification, repeatability, and meaningful comparison in genetic programming: Gibson’s magic. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1851–1858, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [60] Jason M. Daida, John A. Polito, Steven A. Stanhope, Robert R. Bertram, Jonathan C. Khoo, ja Shahbaz A. Chaudhary. What makes a problem gp-hard? analysis of a tunably difficult problem in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 982–989, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [61] Dipankar Dasgupta, Yuehua Cao, ja Congjun Yang. An immunogenetic approach to spectra recognition. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 149–155, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [62] G. F. Davenport, M. D. Ryan, ja V. J. Rayward-Smith. Rule induction using a reverse polish representation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 990–995, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [63] H. de Garis, A. Buller, M. Korkin, F. Gers, N. E. Nawa, ja M. Hough. Atr’s artificial brain (“cam-brain”) project: A sample of what individual “codi-1bit” model evolved neural net modules can do with digital and analog i/o. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1233, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [64] Russell Deaton. Reaction temperature constraints in dna computing. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1803–1804, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [65] Kalyanmoy Deb. Construction of test problems for multi-objective optimization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 164–171, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [66] Kalyanmoy Deb ja Hans-Georg Beyer. Self-adaptation in real-parameter genetic algorithms with simulated binary crossover. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 172–179, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [67] Myriam Delgado, Fernando Von Zuben, ja Fernando Gomide. Modular and hierarchial evolutionary design of fuzzy systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 180–187, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [68] Lisa M. Desjarlais, Mohammad-R. Akbarzadeh-T., ja Craig W. Wright. Control system optimization using genetic algorithms within the softlab toolkit. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1774, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [69] Antonello Dessi, Antonella Giani, ja Antonia Starita. An analysis of automatic subroutine discovery in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 996–1001, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [70] David Digby ja William Seffens. Evolutionary algorithm analysis of the biological genetic codes. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1440, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [71] Christos Dimopoulos ja Ali MS Zalzal. Evolving scheduling policies through a genetic programming framework. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1231, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [72] Peter Dittrich, Andre Skusa, Wolfgang Kantschik, ja Wolfgang Banzhaf. Dynamical properties of the fitness landscape of a gp controlled random morphology robot. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1002–1008, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [73] Stefan Droste, Thomas Jansen, ja Ingo Wegener. Perhaps not a free lunch but at least a free appetizer. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 833–839, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [74] R. Dumas, G. Cavory, ja G. Goncalves. Real-world applications. optimising the throughput of a manufacturing production line using a genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1775, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [75] E. William East. Infrastructure work order planning using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1510–1516, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [76] Marc Ebner ja Andreas Zell. Evolving a behavior-based control architecture- from simulations to the real world. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1009–1014, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [77] William Edelson ja Michael L. Gargano. Efficient calculation of compute-intensive fitness in genetic computations using a survival indicator for population members. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 784, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [78] A. E. Eiben, D. Elia, ja J. I. van Hemert. Population dynamics and emerging mental features in aegis. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1257–1264, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [79] Mohammed A. El-Beltagy, Prasanth B. Nair, ja Andy J. Keane. Metamodeling techniques for evolutionary optimization of computationally expensive problems: Promises and limitations. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 196–203, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [80] Craig Eldershaw ja Stephen Cameron. Real-world applications: Motion planning using gas. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1776, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [81] Matthew Evett, Taghi Khoshgoftaar, Pei der Chien, ja Edward Allen. Modelling software quality with gp. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1232, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [82] I. De Falco, A. Iazzetta, E. Tarantino, A. Della Cioppa, ja A. Iacueli. Towards a simulation of natural mutation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 156–163, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [83] Francine Federman, Gayle Sparkman, ja Stephanie Watt. Representation of music in a learning classifier system utilizing bach chorales. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 785, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [84] Carlos Fernandes, Joao Paulo Caldeira, Fernando Melicio, ja Agostinho Rosa. Evolutionary algorithm for school timetabling. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1777, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [85] J. Jaime Fernandez Jr. ja Ian D. Walker. A biologically inspired fitness function for robotic grasping. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1517–1522, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [86] Gianluigi Folino, Clara Pizzuti, ja Giandomenico Spezzano. A cellular genetic programming approach to classification. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1015–1020, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [87] Frank D. Francone, Markus Conrads, Wolfgang Banzhaf, ja Peter Nordin. Homologous crossover in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1021–1026, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [88] Marc Fuchs, Dirk Fuchs, ja Matthias Fuchs. Generating lemmas for tableau-based proof search using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1027–1032, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [89] Matthias Fuchs. Large populations are not always the best choice in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1033–1038, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [90] Alex S. Fukunaga. Portfolios of genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 786, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [91] Yoshikazu Fukuyama, Shinichi Takayama, Yosuke Nakanishi, ja Hirotaka Yoshida. A particle swarm optimization for reactive power and voltage control in electric power systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1523–1528, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [92] Hiroshi Furutani. Analytical solutions for infinite population genetic algorithms on multiplicative landscape. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 204–211, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [93] Alexei A. Gaivoronski. Modeling of complex economic systems with agent nets. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1265–1272, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [94] John C. Gallagher ja Randall D. Beer. Evolution and analysis of dynamical neural networks for agents integrating vision, locomotion, and short-term memory. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1273–1280, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [95] Marcus Gallagher, Marcus Frean, ja Tom Downs. Real-valued evolutionary optimization using a flexible probability density estimator. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 840–846, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [96] Max H. Garzon, Russell J. Deaton, ja Ken Barnes. On self-assembling graphs in vitro. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1805–1809, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [97] Robert Ghanea-Hercock, Divine T. Ndumu, ja Jaron Collis. Distributed genetic programming with mobile agents. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1441, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [98] Matthew R. Glickman ja Katia Sycara. Evolution of goal-directed behavior from limited information in a complex environment. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1281–1288, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [99] David E. Goldberg. Using time efficiently: Genetic-evolutionary algorithms and the continuation problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 212–219, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [100] David E. Goldberg ja Siegfried Voessner. Optimizing global-local search hybrids. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 220–228, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [101] Igor E. Golovkin, Roberto C. Mancini, ja Sushil J. Louis. Plasma x-ray spectra analysis using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1529–1534, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [102] Francisco Gordillo, Ismael Alcala, ja Javier Aracil. A tool for solving differential games with co-evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic*

and *Evolutionary Computation Conference*, osa 2, ss. 1535–1542, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [103] V. Scott Gordon, Rebecca Pirie, Adam Wachter, ja Scottie Sharp. Terrain-based genetic algorithm (tbga): Modeling parameter space as terrain. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 229–235, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [104] Martina Gorges-Schleuter. An analysis of local selection in evolution strategies. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 847–854, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [105] Jens Gottlieb. Evolutionary algorithms for multidimensional knapsack problems: the relevance of the boundary of the feasible region. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 787, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [106] Marko Gronroos. A comparison of some methods for evolving neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1442, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [107] Cesar Guerra-Salcedo ja Darrell Whitley. Genetic approach to feature selection for ensemble creation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 236–243, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [108] Alexis Guigue, Sofiane Oussedik, ja Daniel Delahaye. Sequencing aircraft landings by genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 788, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [109] Tim Hackworth. India and pakistan, a classic “richardson” arms race: A genetic algorithmic approach. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1543–1550, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [110] Gary L. Haith, Silvano P. Colombano, Jason D. Lohn, ja Dimitris Stassinopoulos. Coevolution for problem simplification. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 244–251, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [111] Hisashi Handa, Osamu Katai, Tadataka Konishi, ja Mitsuru Baba. Coevolutionary genetic algorithms for solving dynamic constraint satisfaction problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 252–257, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [112] Akira Hara ja Tomoharu Nagao. Emergence of the cooperative behavior using adg; automatically defined groups. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1039–1046, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [113] Georges R. Harik ja Fernando G. Lobo. A parameter-less genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 258–265, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [114] Laura J. Harrell ja S. Ranji Ranjithan. Evaluation of alternative penalty function implementations in a watershed management design problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1551–1558, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [115] S. D. Harris, L. Elliott, D. B. Ingham, M. Pourkashanian, ja C. W. Wilson. The retrieval of chemical reaction rates using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1780, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [116] S. D. Harris, R. Mustata, L. Elliott, D. B. Ingham, ja D. Lesnic. Parameter identification within rocks using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1779, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [117] Emma Hart ja Peter Ross. An immune system approach to scheduling in changing environments. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1559–1566, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [118] William E. Hart. Comparing evolutionary programs and evolutionary pattern search algorithms: A drug docking application. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 855–862, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [119] Adrian R. Hartley. Accuracy-based fitness allows similar performance to humans in static and dynamic classification environments. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 266–273, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [120] Brad Harvey, James Foster, ja Deborah Frincke. Towards byte code genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1234, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [121] K. Burton Harvey ja Chrisila C. Pettey. The outlaw method for solving multimodal functions with split ring parallel genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 274–280, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [122] Robert B. Heckendorn, Soraya Rana, ja Darrell Whitley. Polynomial time summary statistics for a generalization of maxsat. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 281–288, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [123] Guy Helmer, Johnny Wong, Vasant Honavar, ja Les Miller. Feature selection using a genetic algorithm for intrusion detection. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1781, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [124] German Hernandez, Jerome A. Goldstein, ja Fernando Niao. Stochastic differential model for evolutionary algorithms over continuous spaces. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 863–870, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [125] Mark Hinchliffe, Mark Willis, ja Ming Tham. Dynamic chemical process modelling using a multiple basis function genetic programming algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1782, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [126] Shinn-Ying Ho ja Xiao-I Chang. An efficient generalized multiobjective evolutionary algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 871–878, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [127] Shinn-Ying Ho, Hung-Ming Chen, ja Li-Sun Shu. Solving large knowledge base partitioning problems using an intelligent genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1567–1572, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [128] Shinn-Ying Ho, Li-Sun Shu, ja Hung-Ming Chen. Intelligent genetic algorithm with a new intelligent crossover using orthogonal arrays. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 289–296, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [129] Theodore P. Hoehn ja Chrisila C. Pettey. Parental and cyclic-rate mutation in genetic algorithms: An initial investigation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 297–304, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [130] Steven A. Hofmeyr ja Stephanie Forrest. Immunity by design: An artificial immune system. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1289–1296, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [131] John H. Holmes. Evaluating learning classifier system performance in two-choice decision tasks: An lcs metric toolkit. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 789, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [132] Tzung-Pei Hong, Hong-Shung Wang, ja Wei-Chou Chen. Simultaneously applying multiple crossover and mutation operators. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 790, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [133] Jeffrey Horn. Controlling the cooperative-competitive boundary in niched genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 305–312, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [134] G. S. Hornby, M. Fujita, S. Takamura, T. Yamamoto, ja O. Hanagata. Autonomous evolution of gaits with the sony quadruped robot. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1297–1304, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [135] Gregory S. Hornby ja Brian Mirtich. Diffuse versus true coevolution in a physics-based world. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1305–1312, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [136] Daniel Howard ja Simon C. Roberts. A staged genetic programming strategy for image analysis. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1047–1052, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [137] William H. Hsu, William M. Pottenger, Michael Welge, Jie Wu, ja Ting-Hao Yang. Genetic algorithms for attribute synthesis in large-scale data mining. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1783, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [138] Hsien-Da Huang, Jih Tsung Yang, Shu Fong Shen, ja Jorng-Tzong Horng. An evolution strategy to solve sports scheduling problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 943, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [139] Francesc Xavier Llorca i Fabrega ja Josep Maria Garrell i Guiu. Genifer: A nearest neighbour based classifier system using ga. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 797, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [140] Hitoshi Iba. Bagging, boosting, and bloating in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1053–1060, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [141] Christian Igel ja Kumar Chellapilla. Investigating the influence of depth and degree of genotypic change on fitness in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1061–1068, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [142] Forrest H Bennett III, John R. Koza, Martin A. Keane, Jessen Yu, William Mydlowec, ja Oscar Stiffelman. Evolution by means of genetic programming of analog circuits that perform digital functions. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1477–1483, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [143] Forrest H Bennett III, John R. Koza, James Shipman, ja Oscar Stiffelman. Building a parallel computer system for \$18,000 that performs a half peta-flop per day. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1484–1490, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [144] H. Brown Cribbs III. Aircraft maneuvering via genetics-based adaptive agent. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1249–1256, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [145] Hitoshi Iima ja Nobuo Sannomiya. Genetic algorithm for a large-scale scheduling problem in an electric wire production process. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1784, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [146] Mark Jelasity. The adaptationist stance and evolutionary computation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1859–1864, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [147] Yong-Gun Jo ja Hoon Kang. Evolutionary cellular automata for optimal path planning of mobile robots. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1443, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [148] Maria John, David Panton, ja Kevin White. Genetic algorithm for regional surveillance. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1573–1579, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [149] Bryant A. Julstrom. Redundant genetic encodings may not be harmful. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 791, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [150] Tatiana Kalganova, Julian F. Miller, ja Terence C. Fogarty. Evolution of the digital circuits with variable layouts. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1235, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [151] Ilkka Karanta, Topi Mikkola, Catherine Bounsaythip, Olli Jokinen, ja Juha Savola. Solving wood collection problem using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1787, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [152] Hillol Kargupta ja Kakali Sarkar. Function induction, gene expression, and evolutionary representation construction. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 313–320, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [153] Charles L. Karr ja Ken Borgelt. Modeling a grinding circuit using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1785, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [154] Charles L. Karr ja Barry Weck. Solutions to systems of nonlinear equations via genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1786, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [155] J. Kaschel, Gunnar Kobernik, Bernd Meier, ja Tobias Teich. Genetic algorithm, avoiding of deadlocks and gantt-chart-generation for the job shop scheduling problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 792, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [156] Kengo Katayama ja Hiroyuki Narihisa. Iterated local search approach using genetic transformation to the traveling salesman problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 321–328, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [157] Edward Keedwell, Ajit Narayanan, ja Dragan Savic. Using genetic algorithms to extract rules from trained neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 793, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [158] Maarten Keijzer ja Vladan Babovic. Dimensionally aware genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1069–1076, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [159] Robert E. Keller ja Wolfgang Banzhaf. The evolution of genetic code in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1077–1082, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [160] Claire J. Kennedy ja Christophe Giraud-Carrier. A depth controlling strategy for strongly typed evolutionary programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 879–885, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [161] Cathy Key. Non-reciprocal altruism and the evolution of paternal care. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1313–1320, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [162] Brig Klyce. In real or artificial life, is evolutionary progress in a closed system possible? Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1444, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [163] Joshua Knowles, David Corne, ja Martin Oates. A new evolutionary approach to the degree constrained minimum spanning tree problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 794, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [164] Gary J. Koehler. Computing simple ga expected waiting times. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 795, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [165] Gabriella Kokai, Zoltan Toth, ja Robert Vanyi. Generic evolution algorithms programming library. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1867, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [166] Gabriella Kokai, Robert Vanyi, ja Zoltan Toth. Parametric l-system description of the retina with combined evolutionary operators. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1588–1595, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [167] Stephan Kopp, Henning S. Mortveit, ja Christian M. Reidys. Sequential dynamical systems and simulation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1445, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [168] Tim Kovacs. Deletion schemes for classifier systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 329–336, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [169] John R. Koza, Martin A. Keane, Forrest H Bennett III, Jessen Yu, William Myrdlowec, ja Oscar Stiffelman. Searching for the impossible using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1083–1091, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [170] Natalio Krasnogor, William E. Hart, Jim Smith, ja David A. Pelta. Protein structure prediction with evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1596–1601, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [171] Thiemo Krink, Brian H. Mayoh, ja Zbigniew Michalewicz. A patchwork model for evolutionary algorithms with structured and variable size populations. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1321–1328, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [172] Sourav Kundu. Complexity engineering, evolution and optimality of structures. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 796, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [173] W. B. Langdon. Size fair and homologous tree genetic programming crossovers. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1092–1097, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [174] A. E. Langham ja P. W. Grant. A multilevel k-way partitioning algorithm for finite element meshes using competing ant colonies. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1602–1608, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [175] Pier Luca Lanzi. Extending the representation of classifier conditions part i: From binary to messy coding. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary*

Computation Conference, osa 1, ss. 337–344, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [176] Pier Luca Lanzi ja Marco Colombetti. An extension to the xcs classifier system for stochastic environments. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 353–360, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [177] Pier Luca Lanzi ja Alessandro Perrucci. Extending the representation of classifier conditions part ii: From messy coding to s-expressions. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 345–352, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [178] Chang-Yong Lee ja Yoonseon Song. Evolutionary programming using the levy probability distribution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 886–893, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [179] Joo-Young Lee ja Sung-Bae Cho. Incorporating human preference into content-based image retrieval using interactive genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1788, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [180] Patricio Lerena ja Michele Courant. Complexity in mate choice. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1446, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [181] James R. Levenick. Swappers: Introns promote flexibility, diversity and invention. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 361–368, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [182] Y. Li, K. F. Man, ja K. S. Tang. Multiobjective genetic algorithm for rolling-horizon production planning. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1789, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [183] Ik Soo Lim ja Daniel Thalmann. How not to be a black-box: Evolution and genetic-engineering of high-level behaviours. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1329–1335, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [184] Wen-Yang Lin. Improving parallel ordering of sparse matrices using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1790, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [185] Daniel H. Loughlin ja S. Ranji Ranjithan. Chance-constrained genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 369–376, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [186] Sushil J. Louis ja Rilun Tang. Interactive genetic algorithms for the traveling salesman problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 385–392, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [187] Sushil J. Louis ja Yongmian Zhang. A sequential similarity metric for case injected genetic algorithms applied to tpsps. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 377–384, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [188] Sean Luke, Shugo Hamahashi, ja Hiroaki Kitano. “genetic” programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1098–1105, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [189] C. C. Maley. Four steps toward open-ended evolution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1336–1343, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [190] Elena Marchiori ja Claudio Rossi. A flipping genetic algorithm for hard 3-sat problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 393–400, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [191] Carlos E. Mariano ja Eduardo Morales M. Moaq an ant-q algorithm for multiple objective optimization problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 894–901, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [192] Jesus Marin ja Ricard V. Sole. Evolutionary optimization through extinction dynamics. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1344–1349, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [193] Robert E. Marks, David F. Midgley, Lee G. Cooper, ja G. M. Shiraz. Coevolution with the genetic algorithm: Repeated differentiated oligopolies. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1609–1615, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [194] Lionel Martin, Frederic Moal, ja Christel Vrain. Declarative expression of biases in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 401–408, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [195] Dirk C. Mattfeld. Scalable search spaces for scheduling problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1616–1621, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [196] Craig Mautner ja Richard K. Belew. Coupling morphology and control in a simulated robot. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1350–1357, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [197] Bruce Maxwell ja Sven Anderson. Training hidden markov models using population-based learning. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 944, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [198] Ben McKay, Mark Willis, Dominic Searson, ja Gary Montague. Non-linear continuum regression using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1106–1111, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [199] Nicholas Freitag McPhee ja Nicholas J. Hopper. Analysis of genetic diversity through population history. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1112–1120, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [200] Ole J. Mengshoel ja David E. Goldberg. Probabilistic crowding: Deterministic crowding with probabilistic replacement. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 409–416, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [201] Peter Merz ja Bernd Freisleben. Genetic algorithms for binary quadratic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 417–424, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [202] Mark M. Meysenburg ja James A. Foster. Random generator quality and gp performance. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1121–1126, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [203] Mark M. Meysenburg ja James A. Foster. Randomness and ga performance, revisited. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 425–432, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [204] Victor V. Miagikh ja William F. Punch III. An approach to solving combinatorial optimization problems using a population of reinforcement learning agents. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1358–1365, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [205] Julian F. Miller. Digital filter design at gate-level using evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1127–1134, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [206] Julian F. Miller. An empirical study of the efficiency of learning boolean functions using a cartesian genetic programming approach. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1135–1142, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [207] Cristina Mota, Heitor Ferreira, ja Agostinho Rosa. Independent and simultaneous evolution of fuzzy sleep classifiers by genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of*

the Genetic and Evolutionary Computation Conference, osa 2, ss. 1622–1629, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [208] Rida E. Moustafa, Kenneth A. De Jong, ja Edward J. Wegman. Using genetic algorithms for adaptive function approximation and mesh generation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 798, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [209] Masaharu Munetomo ja David E. Goldberg. Identifying linkage groups by nonlinearity/non-monotonicity detection. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 433–440, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [210] Tadahiko Murata, Hisao Ishibuchi, ja Mitsuo Gen. Specification of local search directions in genetic local search algorithms for multi-objective optimization problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 441–448, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [211] Jorge Muruzabal. Mining the space of generality with uncertainty-concerned cooperative classifiers. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 449–457, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [212] James W. Myers, Kathryn B. Laskey, ja Kenneth A. DeJong. Learning bayesian networks from incomplete data using evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 458–465, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [213] Mori Naoki ja Kita Hajime. The entropy evaluation method for the thermodynamical selection rule. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 799, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [214] Bart Naudts ja Adriaan Schippers. A motivated definition of exploitation and exploration. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 800, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [215] Georges Nault, Vincent Rialle, ja Jean-Guy Meunier. Progen: a genetic-based semi-automatic hypertext construction tool-first steps and experiment. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1630–1635, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [216] Pedro Luis Kante Garcia Navarro, Pedro P. B. de Oliveira, Fernando M. Ramos, ja Haroldo F. Campos-Velho. Magnetotelluric inversion using problem-specific genetic operators. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1580–1587, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [217] Ana Neves, Arlindo Silva, ja Ernesto Costa. Evolutionary path planning for nonholonomic robots. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary*

- Computation Conference*, osa 1, ss. 466–472, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [218] Jose Neves, Miguel Rocha, Hugo Rodrigues, Miguel Biscaia, ja Jose Alves. Adaptive strategies and the design of evolutionary applications. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 473–479, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [219] Fernando Niao, German Hernandez, ja Dipankar Dasgupta. On evolution of stochastic dynamical neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 801, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [220] Akio Nishikawa, Masami Hagiya, ja Masayuki Yamamura. Virtual dna simulator and protocol design by ga. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1810–1816, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [221] Martin Oates, David Corne, ja Roger Loader. Variation in ea performance characteristics on the adaptive distributed database management problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 480–487, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [222] Shigeru Obayashi, Daisuke Sasaki, ja Yukihiro Takeguchi. Evolutionary computation of supersonic wing shape optimization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1791, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [223] Gabriela Ochoa, Inman Harvey, ja Hilary Buxton. On recombination and optimal mutation rates. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 488–495, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [224] Mitsunori Ogihara. Relating the minimum model for dna computation and boolean circuits. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1817–1821, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [225] Jae C. Oh. Effects of “physical body” on biased opponent selection in the iterated prisoner’s dilemma game. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1447, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [226] Gustavo Olague. Analysis of genetic algorithms convergence applied to mensuration problems in computer vision. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1792, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [227] Bjorn Olsson. Using evolutionary algorithms in the design of protein fingerprints. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1636–1642, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [228] Michael O'Neill ja Conor Ryan. Under the hood of grammatical evolution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1143–1148, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [229] Isao Ono, Hajime Kita, ja Shigenobu Kobayashi. A robust real-coded genetic algorithm using unimodal normal distribution crossover augmented by uniform crossover: Effects of self-adaptation of crossover probabilities. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 496–503, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [230] David W. Opitz. An evolutionary approach to feature set selection. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 803, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [231] David W. Opitz, Subhash C. Basak, ja Brian D. Gute. Hazard assessment modeling: An evolutionary ensemble approach. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1643–1650, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [232] Franz Oppacher ja Mark Wineberg. The shifting balance genetic algorithm: Improving the ga in a dynamic environment. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 504–510, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [233] Mihaela Oprea ja Stephanie Forrest. How the immune system generates diversity: Pathogen space coverage with random and evolved antibody libraries. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1651–1656, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [234] Andreas Ostermeier ja Nikolaus Hansen. An evolution strategy with coordinate system invariant adaptation of arbitrary normal mutation distributions within the concept of mutative strategy parameter control. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 902–909, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [235] Paolo Palazzari ja Moreno Coli. Evolving probabilistic chromosomes in genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 511–518, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [236] Gary B. Parker ja Jonathan W. Mills. Adaptive hexapod gait control using anytime learning with fitness biasing. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 519–524, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [237] Ian C. Parmee ja Andrew H. Watson. Preliminary airframe design using co-evolutionary multiobjective genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1657–1665, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [238] A. Pazos, J. Pazos, ja Alfonso R. Paton. Dna assembly and recombination for hamiltonian paths and binary words. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1822–1824, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [239] Alejandro Pazos, A. Santos del Riego, Julian Dorado, ja J. J. Romero Cardalda. Adaptive aspects of rhythmic composition: Genetic music. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1794, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [240] Alejandro Pazos, Julian Dorado, Antonino Santos, ja Juan Ramon Rabunal. Optimization of ga parameters to train recurrent ann through weight adjustment and selection of activation functions. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1793, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [241] Martin Pelikan, David E. Goldberg, ja Erick Cantu-Paz. Boa: The bayesian optimization algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 525–532, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [242] Angela Guimaraes Pereira. Road design by evolutionary modelling of routes. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1778, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [243] Francisco B. Pereira, Penousal Machado, Ernesto Costa, ja Amilcar Cardoso. Graph based crossover-a case study with the busy beaver problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1149–1155, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [244] Simon Perkins. Evolving effective visual tracking through shaping. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1156–1161, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [245] Mathieu Perrenoud, Marco Tomassini, Moshe Sipper, ja Mose Zolla. Evolving high-quality random number generators. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 804, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [246] A. Petrowski ja S. Ben Hamida. A logarithmic mutation operator to solve constrained optimization problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 805, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [247] Andrzej J. Pindor. Using genetic algorithm to manipulate polynomial expressions. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1666–1671, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [248] V. P. Plagianakos ja M. N. Vrahatis. Training neural networks with 3-bit integer weights. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark

- Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 910–915, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [249] Hartmut Pohlheim. Visualization of evolutionary algorithms - set of standard techniques and multidimensional visualization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 533–540, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [250] Hartmut Pohlheim ja Adolf Heissner. Optimal control of greenhouse climate using real-world weather data and evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1672–1677, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [251] Hartmut Pohlheim ja Joachim Wegener. Testing the temporal behavior of real-time software modules using extended evolutionary algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1795, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [252] Riccardo Poli. Schema theorems without expectations. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 806, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [253] Riccardo Poli, Jonathan Page, ja W. B. Langdon. Smooth uniform crossover, sub-machine code gp and demes: A recipe for solving high-order boolean parity problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1162–1169, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [254] Josiah Poon. Problem solving: Search, exploration and co-evolution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 541–548, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [255] Mark A. Porter, Mark J. Willis, ja Gary A. Montague. Modelling antibiotic production using standard and sequential hybridised symbolic annealing. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1796, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [256] Dilip Kumar Pratihar, Kalyanmoy Deb, ja Amitabha Ghosh. Design of a genetic-fuzzy system for planning optimal path and gait simultaneously of a six-legged robot. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1678–1684, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [257] Joao Carlos Figueira Pujol ja Riccardo Poli. Evolution of neural networks using weight mapping. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1170–1177, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [258] Sheel Punya ja Brahma Deo. Prediction of silicon content of hot metal using fuzzy-ga regression. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1685–1690, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [259] Amr Radi ja Riccardo Poli. Evolutionary discovery of learning rules for feedforward neural networks with step activation function. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1178–1183, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [260] Anne M. Raich ja Jamshid Ghaboussi. Frame design synthesis using implicit redundant genetic algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1691–1698, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [261] Gunther R. Raidl. An evolutionary approach to point-feature label placement. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 807, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [262] Soraya Rana. The distributional biases of crossover operators. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 549–556, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [263] Andreas Rechsteiner ja Mark A. Bedau. A generic neutral model for measuring excess evolutionary activity of genotypes. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1366–1373, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [264] Fengrong Ren, Hiroshi Tanaka, Toshitsugu Okayama, ja Takashi Gojobori. Reconstructing molecular phylogenetic tree with multifurcation by using minimum complexity principle. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1825–1828, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [265] Alberto Ochoa Rodriguez. Finding wavelet packet bases with an estimation distribution algorithm. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 802, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [266] John A. Rose, Russell J. Deaton, Donald R. Franceschetti, Max Garzon, ja S. Edward Stevens Jr. A statistical mechanical treatment of error in the annealing biostep of dna computation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1829–1834, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [267] Alejandro Rosete-Suarez, Alberto Ochoa-Rodriguez, ja Michele Sebag. Automatic graph drawing and stochastic hill climbing. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1699–1706, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [268] Brian J. Ross. Logic-based genetic programming with definite clause translation grammars. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1236, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [269] Jonathan E. Rowe. Finding attractors for periodic fitness functions. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E.

- Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 557–563, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [270] Mark Ryan, Justin Debuse, George Smith, ja Ian Whitley. A hybrid genetic algorithm for the fixed channel assignment problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1707–1714, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [271] Vivian Salim. Genetic algorithms in road investment planning with computational comparisons to simulated annealing and heuristics. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 808, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [272] Ayed A. Salman, Kishan Mehrotra, ja Chilukuri K. Mohan. Linkage crossover for genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 564–571, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [273] Rafal P. Salustowicz ja Jurgen Schmidhuber. Sequence learning through pipe and automatic task decomposition. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1184–1191, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [274] Jayshree Sarma ja Kenneth De Jong. The behavior of spatially distributed evolutionary algorithms in non-stationary environments. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 572–578, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [275] Hidesumi Sawai ja Susumu Adachi. Parallel distributed processing of a parameter-free hierarchical migration methods. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 579–586, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [276] Shaun Saxon ja Alwyn Barry. Xcs and the monk's problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 809, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [277] Ralf Schleiffer ja Hans-Jurgen Sebastian. A fuzzy neighborhood based ga in fuzzy engineering design. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1797, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [278] Nicola Senin, David R. Wallace, ja Nick Borland. Object-based design modeling and optimization with genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1715–1722, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
 - [279] Franciszek Seredynski ja Cezary Z. Janikow. Designing cellular automata-based scheduling algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 587–594, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [280] James G. Shanahan, James F. Baldwin, ja Trevor P. Martin. Constructive induction of fuzzy cartesian granule feature models using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1237, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [281] Oliver Sharpe. Continuing beyond nfi: Dissecting real world problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 595–602, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [282] Oliver Sharpe. Persistence, search and autopoiesis. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1374–1381, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [283] Sotaro Shimada ja Yuichiro Anzai. Fast and robust convergence of chained classifiers by generating operons through niche formation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 810, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [284] Hisashi Shimodaira. A diversity control oriented genetic algorithm (dcga): Development and experimental results. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 603–611, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [285] Arlindo Silva, Ana Neves, ja Ernesto Costa. Genetically programming networks to evolve memory mechanisms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1448, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [286] Anabela Borges Simoes ja Ernesto Costa. Transposition versus crossover: An empirical study. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 612–619, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [287] Mark C. Sinclair. Optical mesh network topology design using node-pair encoding genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1192–1197, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [288] Charles E. Smith. An application of genetic programming to investment system optimization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1798, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [289] Hiroshi Someya ja Masayuki Yamamura. A genetic algorithm without parameters tuning and its application on the floorplan design problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 620–627, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [290] Geum-Beom Song ja Sung-Bae Cho. Adaptive behavior of incrementally evolved neural networks based on cellular automata. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H.

- Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1449, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [291] Terence Soule. Voting teams: A cooperative approach to non-typical problems using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 916–922, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [292] A. Spalanzani, S. A. Selouani, ja H. Kabre. Evolutionary algorithms for optimizing speech data projection. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1799, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [293] Louis Steinberg ja Khaled Rasheed. Optimization by searching a tree of populations. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1723–1730, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [294] C. R. Stephens. Effect of mutation and recombination on the genotype-phenotype map. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1382–1389, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [295] Richard Stewart ja Paul L. Rosin. Neural network construction using voronoi dissections. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 811, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [296] Adrian Stoica, Carlos-Salazar Lazaro, Didier Keymeulen, ja Ken Hayworth. Evolution of cmos circuits in simulations and directly in hardware on a programmable chip. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1198–1203, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [297] David Sturgill ja Gautam Pant. Evaluation criteria for genetically-tuned problem-solving experts. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1390–1397, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [298] Koji Sugai. Stochastic evolution on the hierarchical population. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 628–634, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [299] Yasuhiro Suzuki ja Hiroshi Tanaka. Practical and theoretical investigation of a collective work. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1450, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [300] Stephen Swift ja Xiaohui Liu. Modelling and forecasting of glaucomatous visual fields using genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1731–1737, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [301] Keiki Takadama, Takao Terano, ja Katsunori Shimohara. How to design good learning agents in organization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1398–1405, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [302] Eiichi Takahashi, Masahiro Murakawa, Kenji Toda, ja Tetsuya Higuchi. An evolvable-hardware-based clock timing architecture towards gigahz digital systems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1204–1210, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [303] Hugo Terashima-Marin, Peter Ross, ja Manuel Valenzuela-Rendon. Evolution of constraint satisfaction strategies in examination timetabling. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 635–642, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [304] Dirk Thierens. Estimating the significant non-linearities in the genome problem-coding. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 643–648, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [305] Yajie Tian, Nobuo Sannomiya, ja Toru Yokokura. A simulation study on adaptive behavior of fish schools under environmental variation. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1451, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [306] David S. Todd ja Pratyush Sen. Directed multiple objective search of design spaces using genetic algorithms and neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1738–1743, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [307] Andy Tomlinson ja Larry Bull. On corporate classifier systems: Increasing the benefits of rule linkage. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 649–656, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [308] Adrian Trenaman. Further investigations into the evolution of agents with concurrent genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1452, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [309] Shigeyoshi Tsutsui, Masayuki Yamamura, ja Takahide Higuchi. Multi-parent recombination with simplex crossover in real coded genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 657–664, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [310] Allan Tucker ja Xiaohui Liu. Extending evolutionary programming methods to the learning of dynamic bayesian networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 923–929, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [311] Eiji Uchibe, Masateru Nakamura, ja Minoru Asada. Cooperative and competitive behavior acquisition for mobile robots through co-evolution. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1406–1413, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [312] Kimitaka Uno ja Akira Namatame. Evolutionary behaviors emerged through strategic interactions in the large. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1414–1421, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [313] Christine L. Valenzuela. Evolutionary divide and conquer (ii) for the tsp. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1744–1749, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [314] Edgar E. Vallejo ja Fernando Ramos. Result-sharing: A framework for cooperation in genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1238, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [315] S. van Dijk, D. Thierens, ja M. de Berg. On the design of genetic algorithms for geographical applications. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 188–195, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [316] Kanta Vekaria ja Chris Clack. Biases introduced by adaptive recombination operators. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 670–677, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [317] Mark S. Voss ja Christopher M. Foley. Evolutionary algorithm for structural optimization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 678–685, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [318] Dana Vrajitoru. Genetic programming operators applied to genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 686–693, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [319] Nicolaas J. Vriend. The difference between individual and population genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 812, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [320] Kyle Wagner. Habitat, communication and cooperative strategies. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 694–701, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [321] Reginald L. Walker. Assessment of the web using genetic programming. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1750–1755, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.

- [322] Richard Walker ja Orazio Miglino. Simulating exploratory behavior in evolving neural networks. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1422–1428, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [323] Paul Walsh. A functional style and fitness evaluation scheme for inducting high level programs. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1211–1216, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [324] Hirokazu Watabe ja Tsukasa Kawaoka. Solving combinatorial optimization problems with multi-step genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 813, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [325] Jean-Paul Watson. A performance assessment of modern niching methods for parameter optimization problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 702–709, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [326] Richard A. Watson ja Jordan B. Pollack. Incremental commitment in genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 710–717, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [327] Gary M. Weiss. Timeweaver: a genetic algorithm for identifying predictive patterns in sequences of events. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 718–725, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [328] Tony White ja Bernard Pagurek. Application oriented routing with biologically-inspired agents. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1453, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [329] D. Whitley. A free lunch proof for gray versus binary encodings. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 726–733, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [330] Kenneth P. Williams ja Shirley A. Williams. Two evolutionary representations for automatic parallelization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1429–1436, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [331] Kit Po Wong, Jason Yuryevich, ja An Li. Evolutionary programming based method for evaluation of power flow. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1756–1761, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [332] David Wood, Junghuei Chen, Eugene Antipov Bertrand Lemieux, ja Walter Cedeno. A dna implementation of the max 1s problem. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E.

- Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1835–1842, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [333] Alden H. Wright ja Yong Zhao. Markov chain models of genetic algorithms. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 734–741, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [334] Congjun Yang, Dipankar Dasgupta, ja Yuehua Cao. A group encoding technique for set partitioning problems. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 742–749, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [335] Jihoon Yang, Asok Tiyyagura, Fajun Chen, ja Vasant Honavar. Feature subset selection for rule induction using ripper. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, s. 1800, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [336] Jinn-Moon Yang ja Cheng-Yan Kao. An evolutionary algorithm for continuous global optimization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 930–938, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [337] John Yen, Linyu Yang, Bogju Lee, ja James C. Liao. A supervisory simplex-ga approach for metabolic model optimization. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 750–757, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [338] Takahiro Yoshimi ja Toshiharu Taura. A computational model of a viewpoint-forming process in a hierarchical classifier system. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, ss. 758–766, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [339] Mohamed M. Zahran, Ashraf H. Abdel Wahab, ja Samir I. Shaheen. Adaptive genetic algorithm for multiprocessor scheduling. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 1, s. 814, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [340] Byoung-Tak Zhang ja Je-Gun Joung. Genetic programming with incremental data inheritance. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1217–1224, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.
- [341] Eckart Zitzler, Jurgen Teich, ja Shuvra S. Bhattacharyya. Evolutionary algorithm based exploration of software schedules for digital signal processors. Kirjassa Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, ja Robert E. Smith, toim., *Proceedings of the Genetic and Evolutionary Computation Conference*, osa 2, ss. 1762–1770, Orlando, Florida, USA, 13-17 July 1999. Morgan Kaufmann.