Список литературы

- [1] Wu, A. S., ed.: Orlando, Florida, USA (1999)
- [2] Kubota, N. and Fukuda, T.: Hierarchical coding in coevolutionary algorithms. In Johnson, C. G., Olsson, B., and Romaniuk, S., eds., Coevolutionary Algorithms and Coevolving Agents, 2–4. Orlando, Florida, USA (1999)
- [3] Romaniuk, S. G.: From agent collaboration and communication to speciation and simplified software design. In Johnson, C. G., Olsson, B., and Romaniuk, S., eds., *Coevolutionary Algorithms and Coevolving Agents*, 5–7. Orlando, Florida, USA (1999)
- [4] Sen, S., Biswas, A., Debnath, S., and Puppala, N.: Cooperative coevolution using shared memory. In Johnson, C. G., Olsson, B., and Romaniuk, S., eds., Coevolutionary Algorithms and Coevolving Agents, 8–11. Orlando, Florida, USA (1999)
- [5] Sen, S., Mundhe, M., and Debnath, S.: Evolving agent societies that avoid social dilemmas. In Johnson, C. G., Olsson, B., and Romaniuk, S., eds., Coevolutionary Algorithms and Coevolving Agents, 12–14. Orlando, Florida, USA (1999)
- [6] Maley, C. C.: Methodologies in the use of computational models for theoretical biology. In Maley, C. C., ed., *Computational Models in Theoretical Biology*, 16–19. Orlando, Florida, USA (1999)
- [7] Bedau, M. A.: Can unrealistic computer models illuminate theoretical biology? In Maley, C. C., ed., Computational Models in Theoretical Biology, 20–23. Orlando, Florida, USA (1999)
- [8] Wu, A. S., Ramsey, C. L., Burke, D. S., De Jong, K. A., and Grefenstette, J. J.: An evolutionary computation model for studying viral evolution. In Maley, C. C., ed., Computational Models in Theoretical Biology, 24–28. Orlando, Florida, USA (1999)
- [9] Marrow, P.: Evolvability: Evolvability, computation, biology. In Marrow, P., Shackleton, M., Fernandez-Villacanas, J.-L., and Ray, T., eds., *Evolvability*, 30–33. Orlando, Florida, USA (1999)
- [10] Bedau, M. A.: Quantifying the extent and intensity of adaptive evolution. In Marrow, P., Shackleton, M., Fernandez-Villacanas, J.-L., and Ray, T., eds., Evolvability, 34–37. Orlando, Florida, USA (1999)
- [11] Glickman, M. and Sycara, K.: Comparing mechanisms for evolving evolvability. In Marrow, P., Shackleton, M., Fernandez-Villacanas, J.-L., and Ray, T., eds., Evolvability, 38–41. Orlando, Florida, USA (1999)
- [12] Ofria, C.: Robustness and evolvability of programming languages. In Marrow, P., Shackleton, M., Fernandez-Villacanas, J.-L., and Ray, T., eds., *Evolvability*, 42. Orlando, Florida, USA (1999)
- [13] Turney, P. D.: Increasing evolvability considered as a large scale trend in evolution. In Marrow, P., Shackleton, M., Fernandez-Villacanas, J.-L., and Ray, T., eds., *Evolvability*, 43–46. Orlando, Florida, USA (1999)
- [14] Wagner, G. P.: The quantitative genetic theory of evolvability. In Marrow, P., Shackleton, M., Fernandez-Villacanas, J.-L., and Ray, T., eds., Evolvability, 47–50. Orlando, Florida, USA (1999)
- [15] Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J.: Foundations of genetic programming: Preface. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 52. Orlando, Florida, USA (1999)
- [16] Daida, J. M.: Reconnoiter by candle: Identifying assumptions in genetic programming. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 53–54. Orlando, Florida, USA (1999)
- [17] Langdon, W. B.: Linear increase in tree height leads to sub-quadratic bloat. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 55–56. Orlando, Florida, USA (1999)

- [18] Nordin, P., Banzhaf, W., and Francone, F. D.: Compression of effective size in genetic programming. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 57–60. Orlando, Florida, USA (1999)
- [19] Poli, R.: Schema theory without expectations for GP and GAs with one-point crossover in the presence of schema creation. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 61–63. Orlando, Florida, USA (1999)
- [20] Rosca, J.: Genetic programming acquires solutions by combining top-down and bottom-up refinement. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 64–65. Orlando, Florida, USA (1999)
- [21] Yao, X.: Universal approximation by genetic programming. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 66–67. Orlando, Florida, USA (1999)
- [22] Zhang, B.-T.: Bayesian genetic programming. In Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., and Rosca, J., eds., Foundations of Genetic Programming, 68–70. Orlando, Florida, USA (1999)
- [23] Hussain, T. S.: Workshop on advanced grammar techniques within genetic programming and evolutionary computation. In Hussain, T. S., ed., Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, 72. Orlando, Florida, USA (1999)
- [24] Rose, B. J.: Logic-based genetic programming with definite clause translation grammars. In Hussain, T. S., ed., Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, 73–75. Orlando, Florida, USA (1999)
- [25] Jacob, C.: Lindenmayer systems and growth program evolution. In Hussain, T. S., ed., Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, 76–79. Orlando, Florida, USA (1999)
- [26] Janikow, C. Z.: Constrained genetic programming. In Hussain, T. S., ed., Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, 80–82. Orlando, Florida, USA (1999)
- [27] Hussain, T. S. and Browse, R. A.: Genetic operators with dynamic biases that operate on attribute grammar representations of neural networks. In Hussain, T. S., ed., Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, 83–86. Orlando, Florida, USA (1999)
- [28] Daida, J. M.: The methodology, pedagogy, and philosophy of genetic and evolutionary computation: Reporting and research practices. In Daida, J. M., ed., *The Methodology, Pedagogy, and Philosophy of Genetic and Evolutionary Computation*, 88–92. Orlando, Florida, USA (1999)
- [29] Collins, T. D.: Evolutionary computation visualization. In Collins, T. D., ed., Evolutionary Computation Visualization, 94–95. Orlando, Florida, USA (1999)
- [30] Bedau, M. A., Joshi, S., and Lillie, B.: Visualizing waves of evolutionary activity of alleles. In Collins, T. D., ed., Evolutionary Computation Visualization, 96–98. Orlando, Florida, USA (1999)
- [31] Collins, J. J.: Visualization of evolutionary algorithms using principal components analysis. In Collins, T. D., ed., *Evolutionary Computation Visualization*, 99–100. Orlando, Florida, USA (1999)
- [32] Pohlheim, H.: Visualization of evolutionary algorithms: Real-world application of standard techniques and multidimensional visualization. In Collins, T. D., ed., *Evolutionary Computation Visualization*, 101–103. Orlando, Florida, USA (1999)
- [33] Spears, W. M.: An overview of multidimensional visualization techniques. In Collins, T. D., ed., Evolutionary Computation Visualization, 104–105. Orlando, Florida, USA (1999)

- [34] Wu, A. S., Ramsey, C. L., De Jong, K. A., Grefenstette, J. J., and Burke, D. S.: VIS: A genetic algorithm visualization tool. In Collins, T. D., ed., *Evolutionary Computation Visualization*, 106–109. Orlando, Florida, USA (1999)
- [35] Deb, K.: Organizer's Comments. In Deb, K., ed., Multi-criterion Optimization Using Evolutionary Methods, 111–112. Orlando, Florida, USA (1999)
- [36] Veldhuizen, D. A. V. and Lamont, G. B.: MOEA test suite generation, design, and use. In Deb, K., ed., Multi-criterion Optimization Using Evolutionary Methods, 113–114. Orlando, Florida, USA (1999)
- [37] Jimenez, F., Verdegay, J. L., and Gomez-Skarmeta, A. F.: Evolutionary techniques for constrained multiobjective optimization problems. In Deb, K., ed., Multi-criterion Optimization Using Evolutionary Methods, 115–116. Orlando, Florida, USA (1999)
- [38] Coello, C. A. C.: Constraint handling through a multiobjective optimization technique. In Deb, K., ed., Multi-criterion Optimization Using Evolutionary Methods, 117–118. Orlando, Florida, USA (1999)
- [39] Shaw, K. J., Fonseca, C. M., and Fleming, P. J.: A simple demonstration of a quantitative technique for comparing multiobjective genetic algorithm performance. In Deb, K., ed., *Multi-criterion Optimization Using Evolutionary Methods*, 119–120. Orlando, Florida, USA (1999)
- [40] Zitzler, E., Deb, K., and Thiele, L.: Comparison of multiobjective evolutionary algorithms on test functions of different difficulty. In Deb, K., ed., Multi-criterion Optimization Using Evolutionary Methods, 121–122. Orlando, Florida, USA (1999)
- [41] Knowles, J. and Corne, D.: Assessing the performance of the pareto archived evolution strategy. In Deb, K., ed., Multi-criterion Optimization Using Evolutionary Methods, 123–124. Orlando, Florida, USA (1999)
- [42] Veldhuizen, D. A. V. and Lamont, G. B.: Genetic algorithms, building blocks, and multiobjective optimization. In Deb, K., ed., *Multi-criterion Optimization Using Evolutionary Methods*, 125–126. Orlando, Florida, USA (1999)
- [43] Binh, T. T.: A multiobjective evolutionary algorithm: The study cases. In Deb, K., ed., *Multi-criterion Optimization Using Evolutionary Methods*, 127–128. Orlando, Florida, USA (1999)
- [44] Cunha, A. G., Oliveira, P., and Covas, J. A.: Genetic algorithms in multiobjective optimization problems: An application to polymer extrusion. In Deb, K., ed., *Multi-criterion Optimization Using Evolutionary Methods*, 129–130. Orlando, Florida, USA (1999)
- [45] Herreros, A., Baeyens, E., and Peran, J. R.: Design of multiobjective robust controllers using genetic algorithms. In Deb, K., ed., *Multi-criterion Optimization Using Evolutionary Methods*, 131–132. Orlando, Florida, USA (1999)
- [46] Branke, J.: Evolutionary approaches to dynamic optimization problems A survey. In Branke, J. and Baeck, T., eds., Evolutionary Algorithms for Dynamic Optimization Problems, 134–137. Orlando, Florida, USA (1999)
- [47] Mattfeld, D. C. and Bierwirth, C.: Adaptation and dynamic optimization problems: A view from general system theory. In Branke, J. and Baeck, T., eds., Evolutionary Algorithms for Dynamic Optimization Problems, 138–141. Orlando, Florida, USA (1999)
- [48] Baeck, T.: Self-adaptive genetic algorithms for dynamic environments with slow dynamics. In Branke, J. and Baeck, T., eds., *Evolutionary Algorithms for Dynamic Optimization Problems*, 142–145. Orlando, Florida, USA (1999)
- [49] Karr, C. L.: An architecture for adaptive process control systems. In Branke, J. and Baeck, T., eds., Evolutionary Algorithms for Dynamic Optimization Problems, 146–148. Orlando, Florida, USA (1999)

- [50] Santana, R., Ochoa, A., and Soto, M. R.: Evolutionary algorithms for dynamic optimization problems: An approach using evolutionary theory and the incident edge model. In Branke, J. and Baeck, T., eds., Evolutionary Algorithms for Dynamic Optimization Problems, 149–152. Orlando, Florida, USA (1999)
- [51] Anbarasu, L. A., Narayanasamy, P., and Sundararajan, V.: Multiple sequence alignment by parallely evolvable genetic algorithms. In Cantu-Paz, E. and Punch, B., eds., *Evolutionary Computation and Parallel Processing*, 154–156. Orlando, Florida, USA (1999)
- [52] Bradwell, R. and Brown, K.: Parallel asynchronous memetic algorithms. In Cantu-Paz, E. and Punch, B., eds., Evolutionary Computation and Parallel Processing, 157–159. Orlando, Florida, USA (1999)
- [53] Braud, A. and Vrain, C.: A parallel genetic algorithm based on the BSP model. In Cantu-Paz, E. and Punch, B., eds., Evolutionary Computation and Parallel Processing, 160–162. Orlando, Florida, USA (1999)
- [54] Chong, F. S.: Java based distributed genetic programming on the internet. In Cantu-Paz, E. and Punch, B., eds., Evolutionary Computation and Parallel Processing, 163–166. Orlando, Florida, USA (1999)
- [55] Davison, B. D. and Rasheed, K.: Effect of global parallelism on a steady state GA. In Cantu-Paz, E. and Punch, B., eds., Evolutionary Computation and Parallel Processing, 167–170. Orlando, Florida, USA (1999)
- [56] He, L. and Mort, N.: Application of parallel genetic algorithms to combinatorial multimodal optimization problems. In Cantu-Paz, E. and Punch, B., eds., Evolutionary Computation and Parallel Processing, 171–173. Orlando, Florida, USA (1999)
- [57] Pohlheim, H., Pawletta, S., and Westphal, A.: Parallel evolutionary optimization under Matlab on standard computing networks. In Cantu-Paz, E. and Punch, B., eds., Evolutionary Computation and Parallel Processing, 174–176. Orlando, Florida, USA (1999)
- [58] Polani, D., Uthmann, T., and Dautenhahn, K.: GECCO Birds-of-a-feather workshop on evolution of sensors in nature, hardware, and simulation. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 178. Orlando, Florida, USA (1999)
- [59] Love, J. E. and Johnson, K. M.: Evolving natural and artificial gravisensory systems. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 179–183. Orlando, Florida, USA (1999)
- [60] Mautner, C.: Exploring sensor usage in simulated evolutionary robotics. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 184– 185. Orlando, Florida, USA (1999)
- [61] Alissandrakis, A. and Dautenhahn, K.: Evolution of vision-based agent behavior in hilly landscapes. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 186–190. Orlando, Florida, USA (1999)
- [62] Sinclair, M. C. and Clark, A. F.: Evolving an artificial vision system: Initial considerations. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 191–195. Orlando, Florida, USA (1999)
- [63] Hutt, B. and Keating, D.: The evolution of an eye in visually guided foraging agents. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 196–200. Orlando, Florida, USA (1999)
- [64] Liese, A., Polani, D., and Uthmann, T.: Evolution of the spectral properties of a visual agent receptor. In Polani, D., Uthmann, T., and Dautenhahn, K., eds., Evolution of Sensors in Nature, Hardware, and Simulation, 201–206. Orlando, Florida, USA (1999)

- [65] Sinclair, M. C., Corne, D., and Smith, G. D.: Evolutionary telecommunications: Past, present, and future. In Sinclair, M. C., Corne, D., and Smith, G. D., eds., Evolutionary Telecommunications: Past, Present, and Future, 208. Orlando, Florida, USA (1999)
- [66] Sinclair, M. C.: Evolutionary telecommunications: A summary. In Sinclair, M. C., Corne, D., and Smith, G. D., eds., Evolutionary Telecommunications: Past, Present, and Future, 209–212. Orlando, Florida, USA (1999)
- [67] Davis, L.: Telecommunications and the evolution of algorithms. In Sinclair, M. C., Corne, D., and Smith, G. D., eds., Evolutionary Telecommunications: Past, Present, and Future, 213–214. Orlando, Florida, USA (1999)
- [68] Munetomo, M.: Designing genetic algorithms for adaptive routing algorithms in the internet. In Sinclair, M. C., Corne, D., and Smith, G. D., eds., Evolutionary Telecommunications: Past, Present, and Future, 215–216. Orlando, Florida, USA (1999)
- [69] Smith, G. D.: Genetic algorithms for mobile and satellite telecommunication systems. In Sinclair, M. C., Corne, D., and Smith, G. D., eds., Evolutionary Telecommunications: Past, Present, and Future, 217–218. Orlando, Florida, USA (1999)
- [70] Smith, R. E.: Embodiment of evolutionary computation in network agents. In Sinclair, M. C., Corne, D., and Smith, G. D., eds., Evolutionary Telecommunications: Past, Present, and Future, 219–220. Orlando, Florida, USA (1999)
- [71] Wood, D. H.: Getting our bearings in DNA computing: A panel discussion. In Wood, D. H., ed., Getting Our Bearings in DNA Computing, 222–224. Orlando, Florida, USA (1999)
- [72] Freitas, A. A.: A summary of the papers presented at the joint AAAI-99 and GECCO-99 workshop on data mining with evolutionary algorithms: Research directions. In Freitas, A. A., ed., Joint GECCO-99 and AAAI-99 Workshop Data Mining with Evolutionary Algorithms: Research Directions, 226. Orlando, Florida, USA (1999)
- [73] Bonarini, A., Bonacina, C., and Matteucci, M.: Fuzzy and crisp representations of real-valued input for learning classifier systems. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 228–235. Orlando, Florida, USA (1999)
- [74] Booker, L. B.: Do we really need to estimate rule utilities in classifier systems? In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 236–241. Orlando, Florida, USA (1999)
- [75] Butz, M. and Stolzmann, W.: Action-planning in anticipatory classifier systems. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 242–249. Orlando, Florida, USA (1999)
- [76] Holmes, J. H.: Quantitative methods for evaluating learning classifier system performance in forced two-choice decision tasks. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 250–257. Orlando, Florida, USA (1999)
- [77] Kovacs, T.: Strength or Accuracy? A comparison of two approaches to fitness calculation in learning classifier systems. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 258–265. Orlando, Florida, USA (1999)
- [78] Lattaud, C.: Non-homogenous classifier systems in a macro-evolution process. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 266–271. Orlando, Florida, USA (1999)
- [79] Saxon, S. and Barry, A.: XCS and the Monk's Problems. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 272–281. Orlando, Florida, USA (1999)

- [80] Smith, R. E., Dike, B. A., Ravichandran, B., El-Fallah, A., and Mehra, R. K.: The fighter aircraft LCS: A case of different LCS goals and techniques. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 282–289. Orlando, Florida, USA (1999)
- [81] Stolzmann, W.: Latent learning in Khepera robots with anticipatory classifier systems. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 290–297. Orlando, Florida, USA (1999)
- [82] Tomlinson, A. and Bull, L.: A corporate XCS. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 298–305. Orlando, Florida, USA (1999)
- [83] Tomlinson, A. and Bull, L.: A zeroth level corporate classifier system. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 306–313. Orlando, Florida, USA (1999)
- [84] Westerdale, T. H.: Wilson's error measurement and the Markov property Identifying detrimental classifiers. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 314–321. Orlando, Florida, USA (1999)
- [85] Wilson, S. W.: State of XCS classifier system research. In Lanzi, P. L., Stolzmann, W., and Wilson, S. W., eds., 2nd International Workshop on Learning Classifier Systems, 322–334. Orlando, Florida, USA (1999)
- [86] Antipov, E.: A Max 1s problem in DNA computing via GAs. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 338. Orlando, Florida, USA (1999)
- [87] Anwar, A.: Sparse distributed memory with evolutionary mechanisms. In O'Reilly, U.-M., ed., Graduate Student Workshop, 339–340. Orlando, Florida, USA (1999)
- [88] Card, S.: Genetic programming of wavelet networks for time series prediction. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 341–342. Orlando, Florida, USA (1999)
- [89] Cardalda, J. J. R.: Musical adaptive systems. In O'Reilly, U.-M., ed., Graduate Student Workshop, 343–344. Orlando, Florida, USA (1999)
- [90] Costa, J. C.: Artificial life modeling of downy mildew of the grapevine. In O'Reilly, U.-M., ed., Graduate Student Workshop, 346–347. Orlando, Florida, USA (1999)
- [91] Dopico, J. R. R.: Search and generation of heuristic rules of experience for the simplification of ANN training with genetic algorithm. In O'Reilly, U.-M., ed., Graduate Student Workshop, 348. Orlando, Florida, USA (1999)
- [92] Eldershaw, C. and Cameron, S.: Motion planning using GAs. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 349. Orlando, Florida, USA (1999)
- [93] Etaner-Uyar, S.: New operators and dominance scheme for a diploid GA. In O'Reilly, U.-M., ed., Graduate Student Workshop, 350–351. Orlando, Florida, USA (1999)
- [94] Feyzbakhsh, S. A.: The new methodology of Adam-Eve-like genetic algorithm for cost optimization. In O'Reilly, U.-M., ed., Graduate Student Workshop, 352. Orlando, Florida, USA (1999)
- [95] Gallego-Schmid, M.: Modified AntNet: software application in the evaluation and management of a telecommunication network. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 353–354. Orlando, Florida, USA (1999)
- [96] Giacobini, M.: A randomness test for binary sequences based on evolutionary algorithms. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 355–356. Orlando, Florida, USA (1999)

- [97] Hidalgo, J. I.: Graph partitioning methods for multi-FPGA systems and reconfigurable hardware using genetic algorithms. In O'Reilly, U.-M., ed., Graduate Student Workshop, 357–358. Orlando, Florida, USA (1999)
- [98] Kalganova, T.: A new evolutionary hardware approach for logic design. In O'Reilly, U.-M., ed., Graduate Student Workshop, 360–361. Orlando, Florida, USA (1999)
- [99] Kanade, U.: A study of arithmetic genetic encoding for highly randomized fitness landscapes. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 362–363. Orlando, Florida, USA (1999)
- [100] Karle, V.: Algorithm for the paratransit vehicle routing problem using a modified crossover operator based on adjacency relations. In O'Reilly, U.-M., ed., Graduate Student Workshop, 364. Orlando, Florida, USA (1999)
- [101] Keijzer, M.: Scientific discovery using genetic programming. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 365–366. Orlando, Florida, USA (1999)
- [102] Khalak, A.: Evolutionary model of open source software: economic impact. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 367–368. Orlando, Florida, USA (1999)
- [103] Kim, J.: An artificial immune system for network intrusion detection. In O'Reilly, U.-M., ed., Graduate Student Workshop, 369–370. Orlando, Florida, USA (1999)
- [104] Krasnogor, N.: Coevolution of genes and memes in memetic algorithms. In O'Reilly, U.-M., ed., Graduate Student Workshop, 371. Orlando, Florida, USA (1999)
- [105] Kumar, S.: Lessons from nature: The benefits of embryology. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 372–373. Orlando, Florida, USA (1999)
- [106] Li, J.: FGP: A genetic programming tool for financial prediction. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 374. Orlando, Florida, USA (1999)
- [107] Livingstone, D.: On modelling the evolution of language and languages. In O'Reilly, U.-M., ed., Graduate Student Workshop, 375–376. Orlando, Florida, USA (1999)
- [108] Lukschandl, E.: Evolving the behavior of collaborating entities using genetic programming. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 377–378. Orlando, Florida, USA (1999)
- [109] Marino, A.: Sexual vs. asexual recombination for the graph coloring problem with hybrid genetic algorithms. In O'Reilly, U.-M., ed., Graduate Student Workshop, 379–380. Orlando, Florida, USA (1999)
- [110] Mehrotra, R.: Gust loads and gust methods for predicting aircraft loads and dynamic response. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 381–382. Orlando, Florida, USA (1999)
- [111] Monett, D.: Genetic algorithm techniques and intelligent agents design for the mathematical modeling of chemical processes in medicine. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 383–385. Orlando, Florida, USA (1999)
- [112] Noda, E.: Discovering interesting prediction rules with a genetic algorithm. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 386–387. Orlando, Florida, USA (1999)
- [113] Ochoa, G.: The multiple roles of recombination in GAs. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 388. Orlando, Florida, USA (1999)
- [114] Olsson, L.: Strategy evolution for electronic markets using genetic programming. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 389. Orlando, Florida, USA (1999)
- [115] O'Neill, M.: Automatic programming with grammatical evolution. In O'Reilly, U.-M., ed., Graduate Student Workshop, 390–391. Orlando, Florida, USA (1999)
- [116] Parandekar, A.: Genetic algorithm-based optimizer: A Java based teaching tool. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 392–393. Orlando, Florida, USA (1999)

- [117] Podgorelec, V.: Medical diagnosis prediction using genetic programming. In O'Reilly, U.-M., ed., Graduate Student Workshop, 394–395. Orlando, Florida, USA (1999)
- [118] Porter, R.: GA-accelerators using FPGAs. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 396–397. Orlando, Florida, USA (1999)
- [119] Pratihar, D. K.: Optimal path and gait generations simultaneously of a six-legged robot using a GA-fuzzy approach. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 398–399. Orlando, Florida, USA (1999)
- [120] Quick, T.: Embodiment as situated structural coupling. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 400. Orlando, Florida, USA (1999)
- [121] Rekiek, B.: Multiple-objectives genetic algorithm. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 401. Orlando, Florida, USA (1999)
- [122] Santana, R.: On estimation distribution algorithms. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 402. Orlando, Florida, USA (1999)
- [123] Sheehan, L.: Self-tuning evolutionary system. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 403. Orlando, Florida, USA (1999)
- [124] bin Suen, J. and shiang Kouh, J.: Genetic algorithms for optimal series propeller design. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 404–405. Orlando, Florida, USA (1999)
- [125] Suppapitnarm, A.: Simulated annealing: An alternative approach to true multiobjective optimization. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 406–407. Orlando, Florida, USA (1999)
- [126] Taghiyareh, F.: Toward designing a new parallel fine-grain genetic algorithm. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 408. Orlando, Florida, USA (1999)
- [127] Teuscher, C.: Romero's pilgrimage to Santa Fe: A tale of robot evolution. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 409–410. Orlando, Florida, USA (1999)
- [128] Hoyweghen, C. V.: Symmetry in the representation of an optimization problem. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 411. Orlando, Florida, USA (1999)
- [129] Vele-Langs, O.: A genetic metaheuristic for traveling salespersons problem. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 412–413. Orlando, Florida, USA (1999)
- [130] Voss, M.: Evolutionary algorithm for structural optimization. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 414–415. Orlando, Florida, USA (1999)
- [131] Watson, R.: Evolution and problem decomposition. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 416–417. Orlando, Florida, USA (1999)
- [132] Zemke, S.: Amalgamation of genetic selection and boosting. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 418–419. Orlando, Florida, USA (1999)
- [133] Zhang, J.: Niching in an ES context. In O'Reilly, U.-M., ed., *Graduate Student Workshop*, 420. Orlando, Florida, USA (1999)