Список литературы

[Alissandrakis & Dautenhahn(1999)] Alissandrakis, A. & Dautenhahn, K. (1999). Evolution of vision-based agent behavior in hilly landscapes. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., pp. 186–190. Orlando, Florida, USA.

[Anbarasu et al.(1999)Anbarasu, Narayanasamy, & Sundararajan] Anbarasu, L. A., Narayanasamy, P., & Sundararajan, V. (1999). Multiple sequence alignment by parallely evolvable genetic algorithms. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 154–156. Orlando, Florida, USA.

[Antipov(1999)] Antipov, E. (1999). A max 1s problem in dna computing via gas. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 338. Orlando, Florida, USA.

[Anwar(1999)] Anwar, A. (1999). Sparse distributed memory with evolutionary mechanisms. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 339–340. Orlando, Florida, USA.

[Baeck(1999)] Baeck, T. (1999). Self-adaptive genetic algorithms for dynamic environments with slow dynamics. In Evolutionary Algorithms for Dynamic Optimization Problems, J. Branke & T. Baeck, eds., pp. 142–145. Orlando, Florida, USA.

[Bedau(1999a)] Bedau, M. A. (1999a). Can unrealistic computer models illuminate theoretical biology? In Computational Models in Theoretical Biology, C. C. Maley, ed., pp. 20–23. Orlando, Florida, USA.

[Bedau(1999b)] Bedau, M. A. (1999b). Quantifying the extent and intensity of adaptive evolution. In Evolvability, P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray, eds., pp. 34–37. Orlando, Florida, USA.

[Bedau et al.(1999)Bedau, Joshi, & Lillie] Bedau, M. A., Joshi, S., & Lillie, B. (1999). Visualizing waves of evolutionary activity of alleles. In Evolutionary Computation Visualization, T. D. Collins, ed., pp. 96–98. Orlando, Florida, USA.

[bin Suen & shiang Kouh(1999)] bin Suen, J. & shiang Kouh, J. (1999). Genetic algorithms for optimal series propeller design. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 404–405. Orlando, Florida, USA.

[Binh(1999)] Binh, T. T. (1999). A multiobjective evolutionary algorithm: The study cases. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 127–128. Orlando, Florida, USA.

[Bonarini et al.(1999)Bonarini, Bonacina, & Matteucci] Bonarini, A., Bonacina, C., & Matteucci, M. (1999). Fuzzy and crisp representations of real-valued input for learning classifier systems. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 228–235. Orlando, Florida, USA.

[Booker(1999)] Booker, L. B. (1999). Do we really need to estimate rule utilities in classifier systems? In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 236–241. Orlando, Florida, USA.

[Bradwell & Brown(1999)] Bradwell, R. & Brown, K. (1999). Parallel asynchronous memetic algorithms. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 157–159. Orlando, Florida, USA.

[Branke(1999)] Branke, J. (1999). Evolutionary approaches to dynamic optimization problems - a survey. In Evolutionary Algorithms for Dynamic Optimization Problems, J. Branke & T. Baeck, eds., pp. 134–137. Orlando, Florida, USA.

[Braud & Vrain(1999)] Braud, A. & Vrain, C. (1999). A parallel genetic algorithm based on the bsp model. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 160–162. Orlando, Florida, USA.

[Butz & Stolzmann(1999)] Butz, M. & Stolzmann, W. (1999). Action-planning in anticipatory classifier systems. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 242–249. Orlando, Florida, USA.

[Card(1999)] Card, S. (1999). Genetic programming of wavelet networks for time series prediction. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 341–342. Orlando, Florida, USA.

[Cardalda(1999)] Cardalda, J. J. R. (1999). Musical adaptive systems. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 343–344. Orlando, Florida, USA.

[Chong(1999)] Chong, F. S. (1999). Java based distributed genetic programming on the internet. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 163–166. Orlando, Florida, USA.

[Coello(1999)] Coello, C. A. C. (1999). Constraint handling through a multiobjective optimization technique. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 117–118. Orlando, Florida, USA.

[Collins(1999a)] Collins, J. J. (1999a). Visualization of evolutionary algorithms using principal components analysis. In Evolutionary Computation Visualization, T. D. Collins, ed., pp. 99–100. Orlando, Florida, USA.

[Collins(1999b)] Collins, T. D. (1999b). Evolutionary computation visualization. In Evolutionary Computation Visualization, T. D. Collins, ed., pp. 94–95. Orlando, Florida, USA.

[Costa(1999)] Costa, J. C. (1999). Artificial life modeling of downy mildew of the grapevine. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 346–347. Orlando, Florida, USA.

[Cunha et al.(1999)Cunha, Oliveira, & Covas] Cunha, A. G., Oliveira, P., & Covas, J. A. (1999). Genetic algorithms in multiobjective optimization problems: An application to polymer extrusion. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 129–130. Orlando, Florida, USA.

[Daida(1999a)] Daida, J. M. (1999a). The methodology, pedagogy, and philosophy of genetic and evolutionary computation: Reporting and research practices. In The Methodology, Pedagogy, and Philosophy of Genetic and Evolutionary Computation, J. M. Daida, ed., pp. 88–92. Orlando, Florida, USA.

[Daida(1999b)] Daida, J. M. (1999b). Reconnoiter by candle: Identifying assumptions in genetic programming. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 53–54. Orlando, Florida, USA.

[Davis(1999)] Davis, L. (1999). Telecommunications and the evolution of algorithms. In Evolutionary Telecommunications: Past, Present, and Future, M. C. Sinclair, D. Corne, & G. D. Smith, eds., pp. 213–214. Orlando, Florida, USA.

[Davison & Rasheed(1999)] Davison, B. D. & Rasheed, K. (1999). Effect of global parallelism on a steady state ga. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 167–170. Orlando, Florida, USA.

[Deb(1999)] Deb, K. (1999). Organizer's comments. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 111–112. Orlando, Florida, USA.

[Dopico(1999)] Dopico, J. R. R. (1999). Search and generation of heuristic rules of experience for the simplification of ann training with genetic algorithm. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 348. Orlando, Florida, USA.

[Eldershaw & Cameron(1999)] Eldershaw, C. & Cameron, S. (1999). Motion planning using gas. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 349. Orlando, Florida, USA.

[Etaner-Uyar(1999)] Etaner-Uyar, S. (1999). New operators and dominance scheme for a diploid ga. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 350–351. Orlando, Florida, USA.

[Feyzbakhsh(1999)] Feyzbakhsh, S. A. (1999). The new methodology of adam-eve-like genetic algorithm for cost optimization. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 352. Orlando, Florida, USA.

[Freitas(1999)] Freitas, A. A. (1999). A summary of the papers presented at the joint aaai-99 and gecco-99 workshop on data mining with evolutionary algorithms: Research directions. In Joint GECCO-99 and AAAI-99 Workshop Data Mining with Evolutionary Algorithms: Research Directions, A. A. Freitas, ed., p. 226. Orlando, Florida, USA.

[Gallego-Schmid(1999)] Gallego-Schmid, M. (1999). Modified antnet: software application in the evaluation and management of a telecommunication network. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 353–354. Orlando, Florida, USA.

[Giacobini(1999)] Giacobini, M. (1999). A randomness test for binary sequences based on evolutionary algorithms. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 355–356. Orlando, Florida, USA.

[Glickman & Sycara(1999)] Glickman, M. & Sycara, K. (1999). Comparing mechanisms for evolving evolvability. In Evolvability, P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray, eds., pp. 38–41. Orlando, Florida, USA.

[Haynes et al.(1999)Haynes, Langdon, O'Reilly, Poli, & Rosca] Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R., & Rosca, J. (1999). Foundations of genetic programming: Preface. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., p. 52. Orlando, Florida, USA.

[He & Mort(1999)] He, L. & Mort, N. (1999). Application of parallel genetic algorithms to combinatorial multimodal optimization problems. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 171–173. Orlando, Florida, USA.

[Herreros et al.(1999)Herreros, Baeyens, & Peran] Herreros, A., Baeyens, E., & Peran, J. R. (1999). Design of multiobjective robust controllers using genetic algorithms. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 131–132. Orlando, Florida, USA.

[Hidalgo(1999)] Hidalgo, J. I. (1999). Graph partitioning methods for multi-fpga systems and reconfigurable hardware using genetic algorithms. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 357–358. Orlando, Florida, USA.

[Holmes(1999)] Holmes, J. H. (1999). Quantitative methods for evaluating learning classifier system performance in forced two-choice decision tasks. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 250–257. Orlando, Florida, USA.

[Hoyweghen(1999)] Hoyweghen, C. V. (1999). Symmetry in the representation of an optimization problem. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 411. Orlando, Florida, USA.

[Hussain(1999)] Hussain, T. S. (1999). Workshop on advanced grammar techniques within genetic programming and evolutionary computation. In Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, T. S. Hussain, ed., p. 72. Orlando, Florida, USA.

[Hussain & Browse(1999)] Hussain, T. S. & Browse, R. A. (1999). Genetic operators with dynamic biases that operate on attribute grammar representations of neural networks. In Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, T. S. Hussain, ed., pp. 83–86. Orlando, Florida, USA.

[Hutt & Keating(1999)] Hutt, B. & Keating, D. (1999). The evolution of an eye in visually guided foraging agents. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., pp. 196–200. Orlando, Florida, USA.

[Jacob(1999)] Jacob, C. (1999). Lindenmayer systems and growth program evolution. In Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, T. S. Hussain, ed., pp. 76–79. Orlando, Florida, USA.

[Janikow(1999)] Janikow, C. Z. (1999). Constrained genetic programming. In Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, T. S. Hussain, ed., pp. 80–82. Orlando, Florida, USA.

[Jimenez et al.(1999)Jimenez, Verdegay, & Gomez-Skarmeta] Jimenez, F., Verdegay, J. L., & Gomez-Skarmeta, A. F. (1999). Evolutionary techniques for constrained multiobjective optimization problems. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 115–116. Orlando, Florida, USA.

[Kalganova(1999)] Kalganova, T. (1999). A new evolutionary hardware approach for logic design. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 360–361. Orlando, Florida, USA.

[Kanade(1999)] Kanade, U. (1999). A study of arithmetic genetic encoding for highly randomized fitness landscapes. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 362–363. Orlando, Florida, USA.

[Karle(1999)] Karle, V. (1999). Algorithm for the paratransit vehicle routing problem using a modified crossover operator based on adjacency relations. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 364. Orlando, Florida, USA.

[Karr(1999)] Karr, C. L. (1999). An architecture for adaptive process control systems. In Evolutionary Algorithms for Dynamic Optimization Problems, J. Branke & T. Baeck, eds., pp. 146–148. Orlando, Florida, USA.

[Keijzer(1999)] Keijzer, M. (1999). Scientific discovery using genetic programming. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 365–366. Orlando, Florida, USA.

[Khalak(1999)] Khalak, A. (1999). Evolutionary model of open source software: economic impact. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 367–368. Orlando, Florida, USA.

[Kim(1999)] Kim, J. (1999). An artificial immune system for network intrusion detection. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 369–370. Orlando, Florida, USA.

[Knowles & Corne(1999)] Knowles, J. & Corne, D. (1999). Assessing the performance of the pareto archived evolution strategy. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 123–124. Orlando, Florida, USA.

[Kovacs(1999)] Kovacs, T. (1999). Strength or accuracy? a comparison of two approaches to fitness calculation in learning classifier systems. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 258–265. Orlando, Florida, USA.

[Krasnogor(1999)] Krasnogor, N. (1999). Coevolution of genes and memes in memetic algorithms. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 371. Orlando, Florida, USA.

[Kubota & Fukuda(1999)] Kubota, N. & Fukuda, T. (1999). Hierarchical coding in coevolutionary algorithms. In Coevolutionary Algorithms and Coevolving Agents, C. G. Johnson, B. Olsson, & S. Romaniuk, eds., pp. 2–4. Orlando, Florida, USA.

[Kumar(1999)] Kumar, S. (1999). Lessons from nature: The benefits of embryology. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 372–373. Orlando, Florida, USA.

[Langdon(1999)] Langdon, W. B. (1999). Linear increase in tree height leads to sub-quadratic bloat. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 55–56. Orlando, Florida, USA.

[Lattaud(1999)] Lattaud, C. (1999). Non-homogenous classifier systems in a macro-evolution process. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 266–271. Orlando, Florida, USA.

[Li(1999)] Li, J. (1999). Fgp: A genetic programming tool for financial prediction. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 374. Orlando, Florida, USA.

[Liese et al.(1999)Liese, Polani, & Uthmann] Liese, A., Polani, D., & Uthmann, T. (1999). Evolution of the spectral properties of a visual agent receptor. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., pp. 201–206. Orlando, Florida, USA.

[Livingstone(1999)] Livingstone, D. (1999). On modelling the evolution of language and languages. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 375–376. Orlando, Florida, USA.

[Love & Johnson(1999)] Love, J. E. & Johnson, K. M. (1999). Evolving natural and artificial gravisensory systems. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., pp. 179–183. Orlando, Florida, USA.

[Lukschandl(1999)] Lukschandl, E. (1999). Evolving the behavior of collaborating entities using genetic programming. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 377–378. Orlando, Florida, USA.

[Maley(1999)] Maley, C. C. (1999). Methodologies in the use of computational models for theoretical biology. In Computational Models in Theoretical Biology, C. C. Maley, ed., pp. 16–19. Orlando, Florida, USA.

[Marino(1999)] Marino, A. (1999). Sexual vs. asexual recombination for the graph coloring problem with hybrid genetic algorithms. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 379–380. Orlando, Florida, USA.

[Marrow(1999)] Marrow, P. (1999). Evolvability: Evolvability, computation, biology. In Evolvability, P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray, eds., pp. 30–33. Orlando, Florida, USA.

[Mattfeld & Bierwirth(1999)] Mattfeld, D. C. & Bierwirth, C. (1999). Adaptation and dynamic optimization problems: A view from general system theory. In Evolutionary Algorithms for Dynamic Optimization Problems, J. Branke & T. Baeck, eds., pp. 138–141. Orlando, Florida, USA.

[Mautner(1999)] Mautner, C. (1999). Exploring sensor usage in simulated evolutionary robotics. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., pp. 184–185. Orlando, Florida, USA.

[Mehrotra(1999)] Mehrotra, R. (1999). Gust loads and gust methods for predicting aircraft loads and dynamic response. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 381–382. Orlando, Florida, USA.

[Monett(1999)] Monett, D. (1999). Genetic algorithm techniques and intelligent agents design for the mathematical modeling of chemical processes in medicine. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 383–385. Orlando, Florida, USA.

[Munetomo(1999)] Munetomo, M. (1999). Designing genetic algorithms for adaptive routing algorithms in the internet. In Evolutionary Telecommunications: Past, Present, and Future, M. C. Sinclair, D. Corne, & G. D. Smith, eds., pp. 215–216. Orlando, Florida, USA.

[Noda(1999)] Noda, E. (1999). Discovering interesting prediction rules with a genetic algorithm. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 386–387. Orlando, Florida, USA.

[Nordin et al.(1999)Nordin, Banzhaf, & Francone] Nordin, P., Banzhaf, W., & Francone, F. D. (1999). Compression of effective size in genetic programming. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 57–60. Orlando, Florida, USA.

[Ochoa(1999)] Ochoa, G. (1999). The multiple roles of recombination in gas. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 388. Orlando, Florida, USA.

[Ofria(1999)] Ofria, C. (1999). Robustness and evolvability of programming languages. In Evolvability, P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray, eds., p. 42. Orlando, Florida, USA.

[Olsson(1999)] Olsson, L. (1999). Strategy evolution for electronic markets using genetic programming. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 389. Orlando, Florida, USA.

[O'Neill(1999)] O'Neill, M. (1999). Automatic programming with grammatical evolution. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 390–391. Orlando, Florida, USA.

[Parandekar(1999)] Parandekar, A. (1999). Genetic algorithm-based optimizer: A java based teaching tool. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 392–393. Orlando, Florida, USA.

[Podgorelec(1999)] Podgorelec, V. (1999). Medical diagnosis prediction using genetic programming. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 394–395. Orlando, Florida, USA.

[Pohlheim(1999)] Pohlheim, H. (1999). Visualization of evolutionary algorithms: Real-world application of standard techniques and multidimensional visualization. In Evolutionary Computation Visualization, T. D. Collins, ed., pp. 101–103. Orlando, Florida, USA.

[Pohlheim et al.(1999)Pohlheim, Pawletta, & Westphal] Pohlheim, H., Pawletta, S., & Westphal, A. (1999). Parallel evolutionary optimization under matlab on standard computing networks. In Evolutionary Computation and Parallel Processing, E. Cantu-Paz & B. Punch, eds., pp. 174–176. Orlando, Florida, USA.

[Polani et al.(1999)Polani, Uthmann, & Dautenhahn] Polani, D., Uthmann, T., & Dautenhahn, K. (1999). Gecco birds-of-a-feather workshop on evolution of sensors in nature, hardware, and simulation. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., p. 178. Orlando, Florida, USA.

[Poli(1999)] Poli, R. (1999). Schema theory without expectations for gp and gas with one-point crossover in the presence of schema creation. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 61–63. Orlando, Florida, USA.

[Porter(1999)] Porter, R. (1999). Ga-accelerators using fpgas. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 396–397. Orlando, Florida, USA.

[Pratihar(1999)] Pratihar, D. K. (1999). Optimal path and gait generations simultaneously of a six-legged robot using a ga-fuzzy approach. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 398–399. Orlando, Florida, USA.

[Quick(1999)] Quick, T. (1999). Embodiment as situated structural coupling. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 400. Orlando, Florida, USA.

[Rekiek(1999)] Rekiek, B. (1999). Multiple-objectives genetic algorithm. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 401. Orlando, Florida, USA.

[Romaniuk(1999)] Romaniuk, S. G. (1999). From agent collaboration and communication to speciation and simplified software design. In Coevolutionary Algorithms and Coevolving Agents, C. G. Johnson, B. Olsson, & S. Romaniuk, eds., pp. 5–7. Orlando, Florida, USA.

[Rosca(1999)] Rosca, J. (1999). Genetic programming acquires solutions by combining top-down and bottom-up refinement. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 64–65. Orlando, Florida, USA.

[Rose(1999)] Rose, B. J. (1999). Logic-based genetic programming with definite clause translation grammars. In Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation, T. S. Hussain, ed., pp. 73–75. Orlando, Florida, USA.

[Santana(1999)] Santana, R. (1999). On estimation distribution algorithms. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 402. Orlando, Florida, USA.

[Santana et al.(1999)Santana, Ochoa, & Soto] Santana, R., Ochoa, A., & Soto, M. R. (1999). Evolutionary algorithms for dynamic optimization problems: An approach using evolutionary theory and the incident edge model. In Evolutionary Algorithms for Dynamic Optimization Problems, J. Branke & T. Baeck, eds., pp. 149–152. Orlando, Florida, USA.

[Saxon & Barry(1999)] Saxon, S. & Barry, A. (1999). Xcs and the monk's problems. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 272–281. Orlando, Florida, USA.

[Sen et al.(1999a)Sen, Biswas, Debnath, & Puppala] Sen, S., Biswas, A., Debnath, S., & Puppala, N. (1999a). Cooperative coevolution using shared memory. In Coevolutionary Algorithms and Coevolving Agents, C. G. Johnson, B. Olsson, & S. Romaniuk, eds., pp. 8–11. Orlando, Florida, USA.

[Sen et al.(1999b)Sen, Mundhe, & Debnath] Sen, S., Mundhe, M., & Debnath, S. (1999b). Evolving agent societies that avoid social dilemmas. In Coevolutionary Algorithms and Coevolving Agents, C. G. Johnson, B. Olsson, & S. Romaniuk, eds., pp. 12–14. Orlando, Florida, USA.

[Shaw et al.(1999)Shaw, Fonseca, & Fleming] Shaw, K. J., Fonseca, C. M., & Fleming, P. J. (1999). A simple demonstration of a quantitative technique for comparing multiobjective genetic algorithm performance. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 119–120. Orlando, Florida, USA.

[Sheehan(1999)] Sheehan, L. (1999). Self-tuning evolutionary system. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 403. Orlando, Florida, USA.

[Sinclair(1999)] Sinclair, M. C. (1999). Evolutionary telecommunications: A summary. In Evolutionary Telecommunications: Past, Present, and Future, M. C. Sinclair, D. Corne, & G. D. Smith, eds., pp. 209–212. Orlando, Florida, USA.

[Sinclair & Clark(1999)] Sinclair, M. C. & Clark, A. F. (1999). Evolving an artificial vision system: Initial considerations. In Evolution of Sensors in Nature, Hardware, and Simulation, D. Polani, T. Uthmann, & K. Dautenhahn, eds., pp. 191–195. Orlando, Florida, USA.

[Sinclair et al.(1999)Sinclair, Corne, & Smith] Sinclair, M. C., Corne, D., & Smith, G. D. (1999). Evolutionary telecommunications: Past, present, and future. In Evolutionary Telecommunications: Past, Present, and Future, M. C. Sinclair, D. Corne, & G. D. Smith, eds., p. 208. Orlando, Florida, USA.

[Smith(1999a)] Smith, G. D. (1999a). Genetic algorithms for mobile and satellite telecommunication systems. In Evolutionary Telecommunications: Past, Present, and Future, M. C. Sinclair, D. Corne, & G. D. Smith, eds., pp. 217–218. Orlando, Florida, USA.

[Smith(1999b)] Smith, R. E. (1999b). Embodiment of evolutionary computation in network agents. In Evolutionary Telecommunications: Past, Present, and Future, M. C. Sinclair, D. Corne, & G. D. Smith, eds., pp. 219–220. Orlando, Florida, USA.

[Smith et al.(1999)Smith, Dike, Ravichandran, El-Fallah, & Mehra] Smith, R. E., Dike, B. A., Ravichandran, B., El-Fallah, A., & Mehra, R. K. (1999). The fighter aircraft lcs: A case of different lcs goals and techniques. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 282–289. Orlando, Florida, USA.

[Spears(1999)] Spears, W. M. (1999). An overview of multidimensional visualization techniques. In Evolutionary Computation Visualization, T. D. Collins, ed., pp. 104–105. Orlando, Florida, USA.

[Stolzmann(1999)] Stolzmann, W. (1999). Latent learning in khepera robots with anticipatory classifier systems. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 290–297. Orlando, Florida, USA.

[Suppapitnarm(1999)] Suppapitnarm, A. (1999). Simulated annealing: An alternative approach to true multiobjective optimization. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 406–407. Orlando, Florida, USA.

[Taghiyareh(1999)] Taghiyareh, F. (1999). Toward designing a new parallel fine-grain genetic algorithm. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 408. Orlando, Florida, USA.

[Teuscher(1999)] Teuscher, C. (1999). Romero's pilgrimage to santa fe: A tale of robot evolution. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 409–410. Orlando, Florida, USA.

[Tomlinson & Bull(1999a)] Tomlinson, A. & Bull, L. (1999a). A corporate xcs. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 298–305. Orlando, Florida, USA.

[Tomlinson & Bull(1999b)] Tomlinson, A. & Bull, L. (1999b). A zeroth level corporate classifier system. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 306–313. Orlando, Florida, USA.

[Turney(1999)] Turney, P. D. (1999). Increasing evolvability considered as a large scale trend in evolution. In Evolvability, P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray, eds., pp. 43–46. Orlando, Florida, USA.

[Veldhuizen & Lamont(1999a)] Veldhuizen, D. A. V. & Lamont, G. B. (1999a). Genetic algorithms, building blocks, and multiobjective optimization. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 125–126. Orlando, Florida, USA.

[Veldhuizen & Lamont(1999b)] Veldhuizen, D. A. V. & Lamont, G. B. (1999b). Moea test suite generation, design, and use. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 113–114. Orlando, Florida, USA.

[Vele-Langs(1999)] Vele-Langs, O. (1999). A genetic metaheuristic for traveling salespersons problem. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 412–413. Orlando, Florida, USA.

[Voss(1999)] Voss, M. (1999). Evolutionary algorithm for structural optimization. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 414–415. Orlando, Florida, USA.

[Wagner(1999)] Wagner, G. P. (1999). The quantitative genetic theory of evolvability. In Evolvability, P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray, eds., pp. 47–50. Orlando, Florida, USA.

[Watson(1999)] Watson, R. (1999). Evolution and problem decomposition. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 416–417. Orlando, Florida, USA.

[Westerdale(1999)] Westerdale, T. H. (1999). Wilson's error measurement and the markov property – identifying detrimental classifiers. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 314–321. Orlando, Florida, USA.

[Wilson(1999)] Wilson, S. W. (1999). State of xcs classifier system research. In 2nd International Workshop on Learning Classifier Systems, P. L. Lanzi, W. Stolzmann, & S. W. Wilson, eds., pp. 322–334. Orlando, Florida, USA.

[Wood(1999)] Wood, D. H. (1999). Getting our bearings in dna computing: A panel discussion. In Getting Our Bearings in DNA Computing, D. H. Wood, ed., pp. 222–224. Orlando, Florida, USA.

[Wu(1999)] Wu, A. S. ed. (1999). Orlando, Florida, USA.

[Wu et al.(1999a)Wu, Ramsey, Burke, De Jong, & Grefenstette] Wu, A. S., Ramsey, C. L., Burke, D. S., De Jong, K. A., & Grefenstette, J. J. (1999a). An evolutionary computation model for studying viral evolution. In Computational Models in Theoretical Biology, C. C. Maley, ed., pp. 24–28. Orlando, Florida, USA.

[Wu et al.(1999b)Wu, Ramsey, De Jong, Grefenstette, & Burke] Wu, A. S., Ramsey, C. L., De Jong, K. A., Grefenstette, J. J., & Burke, D. S. (1999b). Vis: A genetic algorithm visualization tool. In Evolutionary Computation Visualization, T. D. Collins, ed., pp. 106–109. Orlando, Florida, USA.

[Yao(1999)] Yao, X. (1999). Universal approximation by genetic programming. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 66–67. Orlando, Florida, USA.

[Zemke(1999)] Zemke, S. (1999). Amalgamation of genetic selection and boosting. In Graduate Student Workshop, U.-M. O'Reilly, ed., pp. 418–419. Orlando, Florida, USA.

[Zhang(1999a)] Zhang, B.-T. (1999a). Bayesian genetic programming. In Foundations of Genetic Programming, T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca, eds., pp. 68–70. Orlando, Florida, USA.

[Zhang(1999b)] Zhang, J. (1999b). Niching in an es context. In Graduate Student Workshop, U.-M. O'Reilly, ed., p. 420. Orlando, Florida, USA.

[Zitzler et al.(1999)Zitzler, Deb, & Thiele] Zitzler, E., Deb, K., & Thiele, L. (1999). Comparison of multiobjective evolutionary algorithms on test functions of different difficulty. In Multi-criterion Optimization Using Evolutionary Methods, K. Deb, ed., pp. 121–122. Orlando, Florida, USA.