

Список литературы

- [Alissandrakis & Dautenhahn(1999)] Alissandrakis, A. & Dautenhahn, K. (1999). Evolution of vision-based agent behavior in hilly landscapes. In D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 186–190.
- [Anbarasu *et al.*(1999)Anbarasu, Narayanasamy, & Sundararajan] Anbarasu, L. A., Narayanasamy, P., & Sundararajan, V. (1999). Multiple sequence alignment by parallelly evolvable genetic algorithms. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 154–156.
- [Antipov(1999)] Antipov, E. (1999). A max 1s problem in dna computing via gas. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 338.
- [Anwar(1999)] Anwar, A. (1999). Sparse distributed memory with evolutionary mechanisms. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 339–340.
- [Baeck(1999)] Baeck, T. (1999). Self-adaptive genetic algorithms for dynamic environments with slow dynamics. In J. Branke & T. Baeck (Eds.), *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA, 142–145.
- [Bedau(1999a)] Bedau, M. A. (1999a). Can unrealistic computer models illuminate theoretical biology? In C. C. Maley (Ed.), *Computational Models in Theoretical Biology*. Orlando, Florida, USA, 20–23.
- [Bedau(1999b)] Bedau, M. A. (1999b). Quantifying the extent and intensity of adaptive evolution. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray (Eds.), *Evolvability*. Orlando, Florida, USA, 34–37.
- [Bedau *et al.*(1999)Bedau, Joshi, & Lillie] Bedau, M. A., Joshi, S., & Lillie, B. (1999). Visualizing waves of evolutionary activity of alleles. In T. D. Collins (Ed.), *Evolutionary Computation Visualization*. Orlando, Florida, USA, 96–98.
- [bin Suen & shiang Kouh(1999)] bin Suen, J. & shiang Kouh, J. (1999). Genetic algorithms for optimal series propeller design. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 404–405.
- [Binh(1999)] Binh, T. T. (1999). A multiobjective evolutionary algorithm: The study cases. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 127–128.
- [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 P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 228–235.
- [Booker(1999)] Booker, L. B. (1999). Do we really need to estimate rule utilities in classifier systems? In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 236–241.
- [Bradwell & Brown(1999)] Bradwell, R. & Brown, K. (1999). Parallel asynchronous memetic algorithms. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 157–159.
- [Branke(1999)] Branke, J. (1999). Evolutionary approaches to dynamic optimization problems - a survey. In J. Branke & T. Baeck (Eds.), *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA, 134–137.
- [Braud & Vrain(1999)] Braud, A. & Vrain, C. (1999). A parallel genetic algorithm based on the bsp model. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 160–162.

- [Butz & Stolzmann(1999)] Butz, M. & Stolzmann, W. (1999). Action-planning in anticipatory classifier systems. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 242–249.
- [Card(1999)] Card, S. (1999). Genetic programming of wavelet networks for time series prediction. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 341–342.
- [Cardalda(1999)] Cardalda, J. J. R. (1999). Musical adaptive systems. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 343–344.
- [Chong(1999)] Chong, F. S. (1999). Java based distributed genetic programming on the internet. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 163–166.
- [Coello(1999)] Coello, C. A. C. (1999). Constraint handling through a multiobjective optimization technique. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 117–118.
- [Collins(1999a)] Collins, J. J. (1999a). Visualization of evolutionary algorithms using principal components analysis. In T. D. Collins (Ed.), *Evolutionary Computation Visualization*. Orlando, Florida, USA, 99–100.
- [Collins(1999b)] Collins, T. D. (1999b). Evolutionary computation visualization. In T. D. Collins (Ed.), *Evolutionary Computation Visualization*. Orlando, Florida, USA, 94–95.
- [Costa(1999)] Costa, J. C. (1999). Artificial life modeling of downy mildew of the grapevine. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 346–347.
- [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 K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 129–130.
- [Daida(1999a)] Daida, J. M. (1999a). The methodology, pedagogy, and philosophy of genetic and evolutionary computation: Reporting and research practices. In J. M. Daida (Ed.), *The Methodology, Pedagogy, and Philosophy of Genetic and Evolutionary Computation*. Orlando, Florida, USA, 88–92.
- [Daida(1999b)] Daida, J. M. (1999b). Reconnoiter by candle: Identifying assumptions in genetic programming. In T. Haynes, W. B. Langdon, U.-M. O’Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 53–54.
- [Davis(1999)] Davis, L. (1999). Telecommunications and the evolution of algorithms. In M. C. Sinclair, D. Corne, & G. D. Smith (Eds.), *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA, 213–214.
- [Davison & Rasheed(1999)] Davison, B. D. & Rasheed, K. (1999). Effect of global parallelism on a steady state ga. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 167–170.
- [Deb(1999)] Deb, K. (1999). Organizer’s comments. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 111–112.
- [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 U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 348.
- [Eldershaw & Cameron(1999)] Eldershaw, C. & Cameron, S. (1999). Motion planning using gas. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 349.
- [Etaner-Uyar(1999)] Etaner-Uyar, S. (1999). New operators and dominance scheme for a diploid ga. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 350–351.

- [Feyzbakhsh(1999)] Feyzbakhsh, S. A. (1999). The new methodology of adam-eve-like genetic algorithm for cost optimization. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 352.
- [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 A. A. Freitas (Ed.), *Joint GECCO-99 and AAAI-99 Workshop Data Mining with Evolutionary Algorithms: Research Directions*. Orlando, Florida, USA, 226.
- [Gallego-Schmid(1999)] Gallego-Schmid, M. (1999). Modified antnet: software application in the evaluation and management of a telecommunication network. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 353–354.
- [Giacobini(1999)] Giacobini, M. (1999). A randomness test for binary sequences based on evolutionary algorithms. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 355–356.
- [Glickman & Sycara(1999)] Glickman, M. & Sycara, K. (1999). Comparing mechanisms for evolving evolvability. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray (Eds.), *Evolvability*. Orlando, Florida, USA, 38–41.
- [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 T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 52.
- [He & Mort(1999)] He, L. & Mort, N. (1999). Application of parallel genetic algorithms to combinatorial multimodal optimization problems. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 171–173.
- [Herreros *et al.*(1999)] Herreros, Baeyens, & Peran] Herreros, A., Baeyens, E., & Peran, J. R. (1999). Design of multiobjective robust controllers using genetic algorithms. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 131–132.
- [Hidalgo(1999)] Hidalgo, J. I. (1999). Graph partitioning methods for multi-fpga systems and reconfigurable hardware using genetic algorithms. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 357–358.
- [Holmes(1999)] Holmes, J. H. (1999). Quantitative methods for evaluating learning classifier system performance in forced two-choice decision tasks. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 250–257.
- [Hoyweghen(1999)] Hoyweghen, C. V. (1999). Symmetry in the representation of an optimization problem. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 411.
- [Hussain(1999)] Hussain, T. S. (1999). Workshop on advanced grammar techniques within genetic programming and evolutionary computation. In T. S. Hussain (Ed.), *Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation*. Orlando, Florida, USA, 72.
- [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 T. S. Hussain (Ed.), *Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation*. Orlando, Florida, USA, 83–86.
- [Hutt & Keating(1999)] Hutt, B. & Keating, D. (1999). The evolution of an eye in visually guided foraging agents. In D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 196–200.

- [Jacob(1999)] Jacob, C. (1999). Lindenmayer systems and growth program evolution. In T. S. Hussain (Ed.), *Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation*. Orlando, Florida, USA, 76–79.
- [Janikow(1999)] Janikow, C. Z. (1999). Constrained genetic programming. In T. S. Hussain (Ed.), *Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation*. Orlando, Florida, USA, 80–82.
- [Jimenez *et al.*(1999)] Jimenez, F., Verdegay, J. L., & Gomez-Skarmeta, A. F. (1999). Evolutionary techniques for constrained multiobjective optimization problems. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 115–116.
- [Kalganova(1999)] Kalganova, T. (1999). A new evolutionary hardware approach for logic design. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 360–361.
- [Kanade(1999)] Kanade, U. (1999). A study of arithmetic genetic encoding for highly randomized fitness landscapes. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 362–363.
- [Karle(1999)] Karle, V. (1999). Algorithm for the paratransit vehicle routing problem using a modified crossover operator based on adjacency relations. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 364.
- [Karr(1999)] Karr, C. L. (1999). An architecture for adaptive process control systems. In J. Branke & T. Baeck (Eds.), *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA, 146–148.
- [Keijzer(1999)] Keijzer, M. (1999). Scientific discovery using genetic programming. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 365–366.
- [Khalak(1999)] Khalak, A. (1999). Evolutionary model of open source software: economic impact. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 367–368.
- [Kim(1999)] Kim, J. (1999). An artificial immune system for network intrusion detection. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 369–370.
- [Knowles & Corne(1999)] Knowles, J. & Corne, D. (1999). Assessing the performance of the pareto archived evolution strategy. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 123–124.
- [Kovacs(1999)] Kovacs, T. (1999). Strength or accuracy? a comparison of two approaches to fitness calculation in learning classifier systems. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 258–265.
- [Krasnogor(1999)] Krasnogor, N. (1999). Coevolution of genes and memes in memetic algorithms. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 371.
- [Kubota & Fukuda(1999)] Kubota, N. & Fukuda, T. (1999). Hierarchical coding in coevolutionary algorithms. In C. G. Johnson, B. Olsson, & S. Romaniuk (Eds.), *Coevolutionary Algorithms and Coevolving Agents*. Orlando, Florida, USA, 2–4.
- [Kumar(1999)] Kumar, S. (1999). Lessons from nature: The benefits of embryology. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 372–373.
- [Langdon(1999)] Langdon, W. B. (1999). Linear increase in tree height leads to sub-quadratic bloat. In T. Haynes, W. B. Langdon, U.-M. O’Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 55–56.
- [Lattaud(1999)] Lattaud, C. (1999). Non-homogenous classifier systems in a macro-evolution process. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 266–271.

- [Li(1999)] Li, J. (1999). Fgp: A genetic programming tool for financial prediction. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 374.
- [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 D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 201–206.
- [Livingstone(1999)] Livingstone, D. (1999). On modelling the evolution of language and languages. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 375–376.
- [Love & Johnson(1999)] Love, J. E. & Johnson, K. M. (1999). Evolving natural and artificial gravisensory systems. In D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 179–183.
- [Lukschandl(1999)] Lukschandl, E. (1999). Evolving the behavior of collaborating entities using genetic programming. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 377–378.
- [Maley(1999)] Maley, C. C. (1999). Methodologies in the use of computational models for theoretical biology. In C. C. Maley (Ed.), *Computational Models in Theoretical Biology*. Orlando, Florida, USA, 16–19.
- [Marino(1999)] Marino, A. (1999). Sexual vs. asexual recombination for the graph coloring problem with hybrid genetic algorithms. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 379–380.
- [Marrow(1999)] Marrow, P. (1999). Evolvability: Evolvability, computation, biology. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray (Eds.), *Evolvability*. Orlando, Florida, USA, 30–33.
- [Mattfeld & Bierwirth(1999)] Mattfeld, D. C. & Bierwirth, C. (1999). Adaptation and dynamic optimization problems: A view from general system theory. In J. Branke & T. Baeck (Eds.), *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA, 138–141.
- [Mautner(1999)] Mautner, C. (1999). Exploring sensor usage in simulated evolutionary robotics. In D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 184–185.
- [Mehrotra(1999)] Mehrotra, R. (1999). Gust loads and gust methods for predicting aircraft loads and dynamic response. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 381–382.
- [Monett(1999)] Monett, D. (1999). Genetic algorithm techniques and intelligent agents design for the mathematical modeling of chemical processes in medicine. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 383–385.
- [Munetomo(1999)] Munetomo, M. (1999). Designing genetic algorithms for adaptive routing algorithms in the internet. In M. C. Sinclair, D. Corne, & G. D. Smith (Eds.), *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA, 215–216.
- [Noda(1999)] Noda, E. (1999). Discovering interesting prediction rules with a genetic algorithm. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 386–387.
- [Nordin *et al.*(1999)Nordin, Banzhaf, & Francone] Nordin, P., Banzhaf, W., & Francone, F. D. (1999). Compression of effective size in genetic programming. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 57–60.
- [Ochoa(1999)] Ochoa, G. (1999). The multiple roles of recombination in gas. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 388.

- [Ofria(1999)] Ofria, C. (1999). Robustness and evolvability of programming languages. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray (Eds.), *Evolvability*. Orlando, Florida, USA, 42.
- [Olsson(1999)] Olsson, L. (1999). Strategy evolution for electronic markets using genetic programming. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 389.
- [O'Neill(1999)] O'Neill, M. (1999). Automatic programming with grammatical evolution. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 390–391.
- [Parandekar(1999)] Parandekar, A. (1999). Genetic algorithm-based optimizer: A java based teaching tool. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 392–393.
- [Podgorelec(1999)] Podgorelec, V. (1999). Medical diagnosis prediction using genetic programming. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 394–395.
- [Pohlheim(1999)] Pohlheim, H. (1999). Visualization of evolutionary algorithms: Real-world application of standard techniques and multidimensional visualization. In T. D. Collins (Ed.), *Evolutionary Computation Visualization*. Orlando, Florida, USA, 101–103.
- [Pohlheim et al.(1999)] Pohlheim, Pawletta, & Westphal] Pohlheim, H., Pawletta, S., & Westphal, A. (1999). Parallel evolutionary optimization under matlab on standard computing networks. In E. Cantu-Paz & B. Punch (Eds.), *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA, 174–176.
- [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 D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 178.
- [Poli(1999)] Poli, R. (1999). Schema theory without expectations for gp and gas with one-point crossover in the presence of schema creation. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 61–63.
- [Porter(1999)] Porter, R. (1999). Ga-accelerators using fpgas. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 396–397.
- [Pratihari(1999)] Pratihari, D. K. (1999). Optimal path and gait generations simultaneously of a six-legged robot using a ga-fuzzy approach. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 398–399.
- [Quick(1999)] Quick, T. (1999). Embodiment as situated structural coupling. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 400.
- [Rekiek(1999)] Rekiek, B. (1999). Multiple-objectives genetic algorithm. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 401.
- [Romaniuk(1999)] Romaniuk, S. G. (1999). From agent collaboration and communication to speciation and simplified software design. In C. G. Johnson, B. Olsson, & S. Romaniuk (Eds.), *Coevolutionary Algorithms and Coevolving Agents*. Orlando, Florida, USA, 5–7.
- [Rosca(1999)] Rosca, J. (1999). Genetic programming acquires solutions by combining top-down and bottom-up refinement. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 64–65.
- [Rose(1999)] Rose, B. J. (1999). Logic-based genetic programming with definite clause translation grammars. In T. S. Hussain (Ed.), *Advanced Grammar Techniques Within Genetic Programming and Evolutionary Computation*. Orlando, Florida, USA, 73–75.
- [Santana(1999)] Santana, R. (1999). On estimation distribution algorithms. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 402.

- [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 J. Branke & T. Baeck (Eds.), *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA, 149–152.
- [Saxon & Barry(1999)] Saxon, S. & Barry, A. (1999). Xcs and the monk’s problems. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 272–281.
- [Sen *et al.*(1999a)Sen, Biswas, Debnath, & Puppala] Sen, S., Biswas, A., Debnath, S., & Puppala, N. (1999a). Cooperative coevolution using shared memory. In C. G. Johnson, B. Olsson, & S. Romaniuk (Eds.), *Coevolutionary Algorithms and Coevolving Agents*. Orlando, Florida, USA, 8–11.
- [Sen *et al.*(1999b)Sen, Mundhe, & Debnath] Sen, S., Mundhe, M., & Debnath, S. (1999b). Evolving agent societies that avoid social dilemmas. In C. G. Johnson, B. Olsson, & S. Romaniuk (Eds.), *Coevolutionary Algorithms and Coevolving Agents*. Orlando, Florida, USA, 12–14.
- [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 K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 119–120.
- [Sheehan(1999)] Sheehan, L. (1999). Self-tuning evolutionary system. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 403.
- [Sinclair(1999)] Sinclair, M. C. (1999). Evolutionary telecommunications: A summary. In M. C. Sinclair, D. Corne, & G. D. Smith (Eds.), *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA, 209–212.
- [Sinclair & Clark(1999)] Sinclair, M. C. & Clark, A. F. (1999). Evolving an artificial vision system: Initial considerations. In D. Polani, T. Uthmann, & K. Dautenhahn (Eds.), *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA, 191–195.
- [Sinclair *et al.*(1999)Sinclair, Corne, & Smith] Sinclair, M. C., Corne, D., & Smith, G. D. (1999). Evolutionary telecommunications: Past, present, and future. In M. C. Sinclair, D. Corne, & G. D. Smith (Eds.), *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA, 208.
- [Smith(1999a)] Smith, G. D. (1999a). Genetic algorithms for mobile and satellite telecommunication systems. In M. C. Sinclair, D. Corne, & G. D. Smith (Eds.), *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA, 217–218.
- [Smith(1999b)] Smith, R. E. (1999b). Embodiment of evolutionary computation in network agents. In M. C. Sinclair, D. Corne, & G. D. Smith (Eds.), *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA, 219–220.
- [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 P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 282–289.
- [Spears(1999)] Spears, W. M. (1999). An overview of multidimensional visualization techniques. In T. D. Collins (Ed.), *Evolutionary Computation Visualization*. Orlando, Florida, USA, 104–105.
- [Stolzmann(1999)] Stolzmann, W. (1999). Latent learning in khepera robots with anticipatory classifier systems. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 290–297.
- [Suppavitnarm(1999)] Suppavitnarm, A. (1999). Simulated annealing: An alternative approach to true multiobjective optimization. In U.-M. O’Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 406–407.

- [Taghiyareh(1999)] Taghiyareh, F. (1999). Toward designing a new parallel fine-grain genetic algorithm. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 408.
- [Teuscher(1999)] Teuscher, C. (1999). Romero's pilgrimage to santa fe: A tale of robot evolution. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 409–410.
- [Tomlinson & Bull(1999a)] Tomlinson, A. & Bull, L. (1999a). A corporate xcs. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 298–305.
- [Tomlinson & Bull(1999b)] Tomlinson, A. & Bull, L. (1999b). A zeroth level corporate classifier system. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 306–313.
- [Turney(1999)] Turney, P. D. (1999). Increasing evolvability considered as a large scale trend in evolution. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray (Eds.), *Evolvability*. Orlando, Florida, USA, 43–46.
- [Veldhuizen & Lamont(1999a)] Veldhuizen, D. A. V. & Lamont, G. B. (1999a). Genetic algorithms, building blocks, and multiobjective optimization. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 125–126.
- [Veldhuizen & Lamont(1999b)] Veldhuizen, D. A. V. & Lamont, G. B. (1999b). Moea test suite generation, design, and use. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 113–114.
- [Vele-Langs(1999)] Vele-Langs, O. (1999). A genetic metaheuristic for traveling salespersons problem. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 412–413.
- [Voss(1999)] Voss, M. (1999). Evolutionary algorithm for structural optimization. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 414–415.
- [Wagner(1999)] Wagner, G. P. (1999). The quantitative genetic theory of evolvability. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas, & T. Ray (Eds.), *Evolvability*. Orlando, Florida, USA, 47–50.
- [Watson(1999)] Watson, R. (1999). Evolution and problem decomposition. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 416–417.
- [Westerdale(1999)] Westerdale, T. H. (1999). Wilson's error measurement and the markov property – identifying detrimental classifiers. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 314–321.
- [Wilson(1999)] Wilson, S. W. (1999). State of xcs classifier system research. In P. L. Lanzi, W. Stolzmann, & S. W. Wilson (Eds.), *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA, 322–334.
- [Wood(1999)] Wood, D. H. (1999). Getting our bearings in dna computing: A panel discussion. In D. H. Wood (Ed.), *Getting Our Bearings in DNA Computing*. Orlando, Florida, USA, 222–224.
- [Wu(1999)] Wu, A. S. (Ed.) (1999). Orlando, Florida, USA. URL <http://www.aic.nrl.navy.mil:80/~aswu/gecco99>.
- [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 C. C. Maley (Ed.), *Computational Models in Theoretical Biology*. Orlando, Florida, USA, 24–28.
- [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 T. D. Collins (Ed.), *Evolutionary Computation Visualization*. Orlando, Florida, USA, 106–109.

- [Yao(1999)] Yao, X. (1999). Universal approximation by genetic programming. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 66–67.
- [Zemke(1999)] Zemke, S. (1999). Amalgamation of genetic selection and boosting. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 418–419.
- [Zhang(1999a)] Zhang, B.-T. (1999a). Bayesian genetic programming. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli, & J. Rosca (Eds.), *Foundations of Genetic Programming*. Orlando, Florida, USA, 68–70.
- [Zhang(1999b)] Zhang, J. (1999b). Niching in an es context. In U.-M. O'Reilly (Ed.), *Graduate Student Workshop*. Orlando, Florida, USA, 420.
- [Zitzler *et al.*(1999)] Zitzler, E., Deb, K., & Thiele, L. (1999). Comparison of multiobjective evolutionary algorithms on test functions of different difficulty. In K. Deb (Ed.), *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA, 121–122.