Список литературы

- [Alissandrakis and Dautenhahn(1999)] Alissandrakis, A. and Dautenhahn, K. (1999). Evolution of vision-based agent behavior in hilly landscapes. In D. Polani, T. Uthmann and K. Dautenhahn, eds., Evolution of Sensors in Nature, Hardware, and Simulation. Orlando, Florida, USA.
- [Anbarasu et al.(1999)Anbarasu, Narayanasamy and Sundararajan] Anbarasu, L. A., Narayanasamy, P. and Sundararajan, V. (1999). Multiple sequence alignment by parallely evolvable genetic algorithms. In E. Cantu-Paz and B. Punch, eds., Evolutionary Computation and Parallel Processing. Orlando, Florida, USA.
- [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.
- [Anwar(1999)] **Anwar**, **A.** (1999). Sparse distributed memory with evolutionary mechanisms. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [Baeck (1999)] **Baeck, T.** (1999). Self-adaptive genetic algorithms for dynamic environments with slow dynamics. In J. Branke and T. Baeck, eds., *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA.
- [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.
- [Bedau(1999b)] Bedau, M. A. (1999b). Quantifying the extent and intensity of adaptive evolution. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas and T. Ray, eds., Evolvability. Orlando, Florida, USA.
- [Bedau et al.(1999)Bedau, Joshi and Lillie] **Bedau, M. A., Joshi, S. and Lillie, B.** (1999). Visualizing waves of evolutionary activity of alleles. In T. D. Collins, ed., *Evolutionary Computation Visualization*. Orlando, Florida, USA.
- [bin Suen and shiang Kouh(1999)] bin Suen, J. and shiang Kouh, J. (1999). Genetic algorithms for optimal series propeller design. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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.
- [Bonarini et al.(1999)Bonarini, Bonacina and Matteucci] Bonarini, A., Bonacina, C. and Matteucci, M. (1999). Fuzzy and crisp representations of real-valued input for learning classifier systems. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [Booker(1999)] **Booker**, **L. B.** (1999). Do we really need to estimate rule utilities in classifier systems? In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [Bradwell and Brown(1999)] **Bradwell, R. and Brown, K.** (1999). Parallel asynchronous memetic algorithms. In E. Cantu-Paz and B. Punch, eds., *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA.
- [Branke(1999)] **Branke**, **J.** (1999). Evolutionary approaches to dynamic optimization problems a survey. In J. Branke and T. Baeck, eds., *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA.
- [Braud and Vrain(1999)] **Braud, A. and Vrain, C.** (1999). A parallel genetic algorithm based on the bsp model. In E. Cantu-Paz and B. Punch, eds., *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA.

- [Butz and Stolzmann(1999)] Butz, M. and Stolzmann, W. (1999). Action-planning in anticipatory classifier systems. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [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.
- [Cardalda(1999)] Cardalda, J. J. R. (1999). Musical adaptive systems. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Chong(1999)] Chong, F. S. (1999). Java based distributed genetic programming on the internet. In E. Cantu-Paz and B. Punch, eds., Evolutionary Computation and Parallel Processing. Orlando, Florida, USA.
- [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.
- [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.
- [Collins(1999b)] Collins, T. D. (1999b). Evolutionary computation visualization. In T. D. Collins, ed., Evolutionary Computation Visualization. Orlando, Florida, USA.
- [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.
- [Cunha et al.(1999)Cunha, Oliveira and Covas] Cunha, A. G., Oliveira, P. and 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.
- [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.
- [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 and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [Davis(1999)] **Davis, L.** (1999). Telecommunications and the evolution of algorithms. In M. C. Sinclair, D. Corne and G. D. Smith, eds., *Evolutionary Telecommunications: Past, Present, and Future*. Orlando, Florida, USA.
- [Davison and Rasheed(1999)] **Davison, B. D. and Rasheed, K.** (1999). Effect of global parallelism on a steady state ga. In E. Cantu-Paz and B. Punch, eds., *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA.
- [Deb(1999)] **Deb, K.** (1999). Organizer's comments. In K. Deb, ed., *Multi-criterion Optimization Using Evolutionary Methods*. 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 U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [Eldershaw and Cameron(1999)] **Eldershaw, C. and Cameron, S.** (1999). Motion planning using gas. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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.

- [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.
- [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.
- [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.
- [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.
- [Glickman and Sycara(1999)] Glickman, M. and Sycara, K. (1999). Comparing mechanisms for evolving evolvability. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas and T. Ray, eds., *Evolvability*. Orlando, Florida, USA.
- [Haynes et al.(1999)Haynes, Langdon, O'Reilly, Poli and Rosca] Haynes, T., Langdon, W. B., O'Reilly, U.-M., Poli, R. and Rosca, J. (1999). Foundations of genetic programming: Preface. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [He and Mort(1999)] **He, L. and Mort, N.** (1999). Application of parallel genetic algorithms to combinatorial multimodal optimization problems. In E. Cantu-Paz and B. Punch, eds., *Evolutionary Computation and Parallel Processing*. Orlando, Florida, USA.
- [Herreros et al.(1999)Herreros, Baeyens and Peran] Herreros, A., Baeyens, E. and 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.
- [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.
- [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 and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [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.
- [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.
- [Hussain and Browse(1999)] Hussain, T. S. and 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.
- [Hutt and Keating(1999)] Hutt, B. and Keating, D. (1999). The evolution of an eye in visually guided foraging agents. In D. Polani, T. Uthmann and K. Dautenhahn, eds., *Evolution of Sensors in Nature, Hardware, and Simulation*. Orlando, Florida, USA.
- [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.

- [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.
- [Jimenez et al.(1999)Jimenez, Verdegay and Gomez-Skarmeta] **Jimenez, F., Verdegay, J. L. and 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.
- [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.
- [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.
- [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.
- [Karr(1999)] Karr, C. L. (1999). An architecture for adaptive process control systems. In J. Branke and T. Baeck, eds., *Evolutionary Algorithms for Dynamic Optimization Problems*. Orlando, Florida, USA.
- [Keijzer(1999)] **Keijzer, M.** (1999). Scientific discovery using genetic programming. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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.
- [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.
- [Knowles and Corne(1999)] Knowles, J. and 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.
- [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 and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [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.
- [Kubota and Fukuda(1999)] Kubota, N. and Fukuda, T. (1999). Hierarchical coding in coevolutionary algorithms. In C. G. Johnson, B. Olsson and S. Romaniuk, eds., Coevolutionary Algorithms and Coevolving Agents. Orlando, Florida, USA.
- [Kumar(1999)] **Kumar, S.** (1999). Lessons from nature: The benefits of embryology. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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 and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [Lattaud(1999)] Lattaud, C. (1999). Non-homogenous classifier systems in a macro-evolution process. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [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.

- [Liese et al.(1999)Liese, Polani and Uthmann] Liese, A., Polani, D. and Uthmann, T. (1999). Evolution of the spectral properties of a visual agent receptor. In D. Polani, T. Uthmann and K. Dautenhahn, eds., Evolution of Sensors in Nature, Hardware, and Simulation. Orlando, Florida, USA.
- [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.
- [Love and Johnson(1999)] Love, J. E. and Johnson, K. M. (1999). Evolving natural and artificial gravisensory systems. In D. Polani, T. Uthmann and K. Dautenhahn, eds., *Evolution of Sensors in Nature*, *Hardware*, and *Simulation*. Orlando, Florida, USA.
- [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.
- [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.
- [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.
- [Marrow(1999)] Marrow, P. (1999). Evolvability: Evolvability, computation, biology. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas and T. Ray, eds., *Evolvability*. Orlando, Florida, USA.
- [Mattfeld and Bierwirth (1999)] Mattfeld, D. C. and Bierwirth, C. (1999). Adaptation and dynamic optimization problems: A view from general system theory. In J. Branke and T. Baeck, eds., Evolutionary Algorithms for Dynamic Optimization Problems. Orlando, Florida, USA.
- [Mautner(1999)] Mautner, C. (1999). Exploring sensor usage in simulated evolutionary robotics. In D. Polani, T. Uthmann and K. Dautenhahn, eds., Evolution of Sensors in Nature, Hardware, and Simulation. Orlando, Florida, USA.
- [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.
- [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.
- [Munetomo(1999)] **Munetomo, M.** (1999). Designing genetic algorithms for adaptive routing algorithms in the internet. In M. C. Sinclair, D. Corne and G. D. Smith, eds., *Evolutionary Telecommunications: Past, Present, and Future.* Orlando, Florida, USA.
- [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.
- [Nordin et al.(1999)Nordin, Banzhaf and Francone] Nordin, P., Banzhaf, W. and Francone, F. D. (1999). Compression of effective size in genetic programming. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [Ochoa(1999)] Ochoa, G. (1999). The multiple roles of recombination in gas. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Ofria(1999)] **Ofria, C.** (1999). Robustness and evolvability of programming languages. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas and T. Ray, eds., *Evolvability*. Orlando, Florida, USA.
- [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.

- [O'Neill(1999)] **O'Neill, M.** (1999). Automatic programming with grammatical evolution. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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.
- [Podgorelec(1999)] **Podgorelec, V.** (1999). Medical diagnosis prediction using genetic programming. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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.
- [Pohlheim et al.(1999)Pohlheim, Pawletta and Westphal] Pohlheim, H., Pawletta, S. and Westphal, A. (1999). Parallel evolutionary optimization under matlab on standard computing networks. In E. Cantu-Paz and B. Punch, eds., Evolutionary Computation and Parallel Processing. Orlando, Florida, USA.
- [Polani et al.(1999)Polani, Uthmann and Dautenhahn] Polani, D., Uthmann, T. and Dautenhahn, K. (1999). Gecco birds-of-a-feather workshop on evolution of sensors in nature, hardware, and simulation. In D. Polani, T. Uthmann and K. Dautenhahn, eds., Evolution of Sensors in Nature, Hardware, and Simulation. 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 T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [Porter(1999)] **Porter, R.** (1999). Ga-accelerators using fpgas. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. 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 U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [Quick(1999)] Quick, T. (1999). Embodiment as situated structural coupling. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Rekiek(1999)] **Rekiek, B.** (1999). Multiple-objectives genetic algorithm. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Romaniuk(1999)] Romaniuk, S. G. (1999). From agent collaboration and communication to speciation and simplified software design. In C. G. Johnson, B. Olsson and S. Romaniuk, eds., Coevolutionary Algorithms and Coevolving Agents. Orlando, Florida, USA.
- [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 and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [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.
- [Santana(1999)] Santana, R. (1999). On estimation distribution algorithms. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Santana et al.(1999)Santana, Ochoa and Soto] Santana, R., Ochoa, A. and Soto, M. R. (1999). Evolutionary algorithms for dynamic optimization problems: An approach using evolutionary theory and the incident edge model. In J. Branke and T. Baeck, eds., Evolutionary Algorithms for Dynamic Optimization Problems. Orlando, Florida, USA.
- [Saxon and Barry(1999)] Saxon, S. and Barry, A. (1999). Xcs and the monk's problems. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.

- [Sen et al.(1999a)Sen, Biswas, Debnath and Puppala] Sen, S., Biswas, A., Debnath, S. and Puppala, N. (1999a). Cooperative coevolution using shared memory. In C. G. Johnson, B. Olsson and S. Romaniuk, eds., Coevolutionary Algorithms and Coevolving Agents. Orlando, Florida, USA.
- [Sen et al.(1999b)Sen, Mundhe and Debnath] Sen, S., Mundhe, M. and Debnath, S. (1999b). Evolving agent societies that avoid social dilemmas. In C. G. Johnson, B. Olsson and S. Romaniuk, eds., Coevolutionary Algorithms and Coevolving Agents. Orlando, Florida, USA.
- [Shaw et al.(1999)Shaw, Fonseca and Fleming] Shaw, K. J., Fonseca, C. M. and 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.
- [Sheehan(1999)] **Sheehan, L.** (1999). Self-tuning evolutionary system. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Sinclair(1999)] Sinclair, M. C. (1999). Evolutionary telecommunications: A summary. In M. C. Sinclair, D. Corne and G. D. Smith, eds., Evolutionary Telecommunications: Past, Present, and Future. Orlando, Florida, USA.
- [Sinclair and Clark(1999)] Sinclair, M. C. and Clark, A. F. (1999). Evolving an artificial vision system: Initial considerations. In D. Polani, T. Uthmann and K. Dautenhahn, eds., *Evolution of Sensors in Nature*, *Hardware*, and *Simulation*. Orlando, Florida, USA.
- [Sinclair et al.(1999)Sinclair, Corne and Smith] Sinclair, M. C., Corne, D. and Smith, G. D. (1999). Evolutionary telecommunications: Past, present, and future. In M. C. Sinclair, D. Corne and G. D. Smith, eds., Evolutionary Telecommunications: Past, Present, and Future. Orlando, Florida, USA.
- [Smith(1999a)] **Smith, G. D.** (1999a). Genetic algorithms for mobile and satellite telecommunication systems. In M. C. Sinclair, D. Corne and G. D. Smith, eds., *Evolutionary Telecommunications:* Past, Present, and Future. Orlando, Florida, USA.
- [Smith(1999b)] Smith, R. E. (1999b). Embodiment of evolutionary computation in network agents.
 In M. C. Sinclair, D. Corne and G. D. Smith, eds., Evolutionary Telecommunications: Past, Present, and Future. Orlando, Florida, USA.
- [Smith et al.(1999)Smith, Dike, Ravichandran, El-Fallah and Mehra] Smith, R. E., Dike, B. A., Ravichandran, B., El-Fallah, A. and Mehra, R. K. (1999). The fighter aircraft lcs: A case of different lcs goals and techniques. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [Spears(1999)] **Spears, W. M.** (1999). An overview of multidimensional visualization techniques. In T. D. Collins, ed., *Evolutionary Computation Visualization*. Orlando, Florida, USA.
- [Stolzmann(1999)] **Stolzmann, W.** (1999). Latent learning in khepera robots with anticipatory classifier systems. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., *2nd International Workshop on Learning Classifier Systems*. Orlando, Florida, USA.
- [Suppapitnarm(1999)] Suppapitnarm, A. (1999). Simulated annealing: An alternative approach to true multiobjective optimization. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [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.
- [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.
- [Tomlinson and Bull(1999a)] Tomlinson, A. and Bull, L. (1999a). A corporate xcs. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.

- [Tomlinson and Bull(1999b)] Tomlinson, A. and Bull, L. (1999b). A zeroth level corporate classifier system. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [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 and T. Ray, eds., *Evolvability*. Orlando, Florida, USA.
- [Veldhuizen and Lamont(1999a)] Veldhuizen, D. A. V. and Lamont, G. B. (1999a). Genetic algorithms, building blocks, and multiobjective optimization. In K. Deb, ed., *Multi-criterion Optimization Using Evolutionary Methods*. Orlando, Florida, USA.
- [Veldhuizen and Lamont(1999b)] Veldhuizen, D. A. V. and Lamont, G. B. (1999b). Moea test suite generation, design, and use. In K. Deb, ed., Multi-criterion Optimization Using Evolutionary Methods. Orlando, Florida, USA.
- [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.
- [Voss(1999)] **Voss, M.** (1999). Evolutionary algorithm for structural optimization. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [Wagner(1999)] Wagner, G. P. (1999). The quantitative genetic theory of evolvability. In P. Marrow, M. Shackleton, J.-L. Fernandez-Villacanas and T. Ray, eds., *Evolvability*. Orlando, Florida, USA.
- [Watson(1999)] Watson, R. (1999). Evolution and problem decomposition. In U.-M. O'Reilly, ed., Graduate Student Workshop. Orlando, Florida, USA.
- [Westerdale(1999)] Westerdale, T. H. (1999). Wilson's error measurement and the markov property identifying detrimental classifiers. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [Wilson(1999)] Wilson, S. W. (1999). State of xcs classifier system research. In P. L. Lanzi, W. Stolzmann and S. W. Wilson, eds., 2nd International Workshop on Learning Classifier Systems. Orlando, Florida, USA.
- [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.
- [Wu(1999)] Wu, A. S., ed. (1999). Orlando, Florida, USA.
- [Wu et al.(1999a)Wu, Ramsey, Burke, De Jong and Grefenstette] Wu, A. S., Ramsey, C. L., Burke, D. S., De Jong, K. A. and 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.
- [Wu et al.(1999b)Wu, Ramsey, De Jong, Grefenstette and Burke] Wu, A. S., Ramsey, C. L., De Jong, K. A., Grefenstette, J. J. and Burke, D. S. (1999b). Vis: A genetic algorithm visualization tool. In T. D. Collins, ed., Evolutionary Computation Visualization. Orlando, Florida, USA.
- [Yao(1999)] Yao, X. (1999). Universal approximation by genetic programming. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.
- [Zemke(1999)] **Zemke, S.** (1999). Amalgamation of genetic selection and boosting. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [Zhang(1999a)] Zhang, B.-T. (1999a). Bayesian genetic programming. In T. Haynes, W. B. Langdon, U.-M. O'Reilly, R. Poli and J. Rosca, eds., Foundations of Genetic Programming. Orlando, Florida, USA.

- [Zhang(1999b)] **Zhang, J.** (1999b). Niching in an es context. In U.-M. O'Reilly, ed., *Graduate Student Workshop*. Orlando, Florida, USA.
- [Zitzler et al.(1999)Zitzler, Deb and Thiele] **Zitzler, E., Deb, K. and 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.