

Список литературы

- [Arenas-Díaz et al., 2008] Arenas-Díaz, E. D.; Ochoterena-Booth, H.; and Rodríguez-Vázquez, K. (2008). "Multiple sequence alignment using a GLOCSA guided genetic algorithm". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1795–1798, Atlanta, GA, USA. ACM.
- [Auger and Hansen, 2008] Auger, A. and Hansen, N. (2008). "Evolution strategies and related estimation of distribution algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2727–2740, Atlanta, GA, USA. ACM.
- [Awais et al., 2008] Awais, A.; Farooq, M.; and Javed, M. Y. (2008). "Attack analysis & bio-inspired security framework for IPMultimedia subsystem". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2093–2098, Atlanta, GA, USA. ACM.
- [Azad and Ryan, 2008] Azad, R. M. A. and Ryan, C. (2008). "Gecco 2008 grammatical evolution tutorial". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2339–2366, Atlanta, GA, USA. ACM.
- [Babb et al., 2008] Babb, B.; Moore, F.; Peterson, M.; and Lamont, G. (2008). "Evolving better satellite image compression and reconstruction transforms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1901–1906, Atlanta, GA, USA. ACM.
- [Bäck, 2008] Bäck, T. (2008). "Evolution strategies: basic introduction". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2259–2276, Atlanta, GA, USA. ACM.
- [Bartz-Beielstein and Preuss, 2008] Bartz-Beielstein, T. and Preuss, M. (2008). "Experimental research in evolutionary computation". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2517–2534, Atlanta, GA, USA. ACM.
- [Baughman, 2008] Baughman, A. K. (2008). "Evolutionary facial feature selection". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2099–2104, Atlanta, GA, USA. ACM.
- [Bhattacharya, 2008a] Bhattacharya, M. (2008a). "Handling uncertainty with a real-coded EA". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2111–2116, Atlanta, GA, USA. ACM.

- [Bhattacharya, 2008b] Bhattacharya, M. (2008b). "Reduced computation for evolutionary optimization in noisy environment". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2117–2122, Atlanta, GA, USA. ACM.
- [Bhattacharya, 2008c] Bhattacharya, M. (2008c). "A synergistic approach for evolutionary optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2105–2110, Atlanta, GA, USA. ACM.
- [Blouza et al., 2008] Blouza, A.; Dumas, L.; and M'Baye, I. (2008). "Multiobjective optimization of a stent in a fluid-structure context". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation*, pages 2055–2060, Atlanta, GA, USA. ACM.
- [Borenstein, 2008] Borenstein, Y. (2008). "An information perspective on evolutionary computation". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2689–2700, Atlanta, GA, USA. ACM.
- [Briza and Naval, Jr., 2008] Briza, A. C. and Naval, Jr., P. C. (2008). "Design of stock trading system for historical market data using multiobjective particle swarm optimization of technical indicators". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC)*, pages 1871–1878, Atlanta, GA, USA. ACM.
- [Butz, 2008] Butz, M. V. (2008). "Learning classifier systems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2367–2388, Atlanta, GA, USA. ACM.
- [Chen and Chen, 2008] Chen, J.-H. and Chen, J.-H. (2008). "Multi-objective memetic approach for flexible process sequencing problems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2123–2128, Atlanta, GA, USA. ACM.
- [Chira et al., 2008] Chira, C.; Gog, A.; and Dumitrescu, D. (2008). "Exploring population geometry and multi-agent systems: a new approach to developing evolutionary techniques". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS)*, pages 1953–1960, Atlanta, GA, USA. ACM.
- [Coello Coello, 2008] Coello Coello, C. A. (2008). "Constraint-handling techniques used with evolutionary algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2445–2466, Atlanta, GA, USA. ACM.

- [Dasgupta et al., 2008] Dasgupta, D.; Hernandez, G.; Garrett, D.; Vejandla, P. K.; Kaushal, A.; Yerneni, R.; and Simien, J. (2008). "A comparison of multiobjective evolutionary algorithms with informed initialization and kuhn-munkres algorithm for the sailor assignment problem". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2129–2134, Atlanta, GA, USA. ACM.
- [De Jong, 2008] De Jong, K. (2008). "Evolutionary computation: a unified approach". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2245–2258, Atlanta, GA, USA. ACM.
- [De Pauw and De Baets, 2008] De Pauw, D. J. W. and De Baets, B. (2008). "Incorporating model identifiability into equation discovery of ODE systems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2135–2140, Atlanta, GA, USA. ACM.
- [Deb, 2008] Deb, K. (2008). "Evolutionary practical optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2487–2516, Atlanta, GA, USA. ACM.
- [Enée and Peroumalnaïk, 2008] Enée, G. and Peroumalnaïk, M. (2008). "Adapted Pittsburgh classifier system: building accurate strategies in non markovian environments". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 2001–2008, Atlanta, GA, USA. ACM.
- [Fernández-Blanco et al., 2008] Fernández-Blanco, P.; Bodas-Sagi, D. J.; Soltero, F. J.; and Hidalgo, J. I. (2008). "Technical market indicators optimization using evolutionary algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC)*, pages 1851–1858, Atlanta, GA, USA. ACM.
- [Francisco and dos Reis, 2008a] Francisco, T. and dos Reis, G. M. J. (2008a). "Evolving combat algorithms to control space ships in a 2D space simulation game with co-evolution using genetic programming and decision trees". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1887–1892, Atlanta, GA, USA. ACM.
- [Francisco and dos Reis, 2008b] Francisco, T. and dos Reis, G. M. J. (2008b). "Evolving predator and prey behaviours with co-evolution using genetic programming and decision trees". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1893–1900, Atlanta, GA, USA. ACM.
- [Franco et al., 2008] Franco, M. A.; Martinez, I. C.; and Gorriin, C. (2008). "Supply chain management sales using XCSR". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore,

- F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 1993–2000, Atlanta, GA, USA. ACM.
- [Fries, 2008] Fries, T. P. (2008). "A fuzzy-genetic approach to network intrusion detection". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2141–2146, Atlanta, GA, USA. ACM.
- [Goodman, 2008] Goodman, E. D. (2008). "Introduction to genetic algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2277–2298, Atlanta, GA, USA. ACM.
- [Hassan, 2008] Hassan, G. (2008). "Non-linear factor model for asset selection using multi objective genetic programming". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC)*, pages 1859–1862, Atlanta, GA, USA. ACM.
- [Hazell and Smith, 2008] Hazell, A. and Smith, S. L. (2008). "Towards an objective assessment of alzheimer's disease: the application of a novel evolutionary algorithm in the analysis of figure copying tasks". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation*, pages 2073–2080, Atlanta, GA, USA. ACM.
- [Howard and Bull, 2008] Howard, G. D. and Bull, L. (2008). "On the effects of node duplication and connection-oriented constructivism in neural XCSF". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 1977–1984, Atlanta, GA, USA. ACM.
- [Iclanzan and Dumitrescu, 2008] Iclanzan, D. and Dumitrescu, D. (2008). "Towards memoryless model building". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2147–2152, Atlanta, GA, USA. ACM.
- [Imada and Ross, 2008] Imada, J. H. and Ross, B. J. (2008). "Using feature-based fitness evaluation in symbolic regression with added noise". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2153–2158, Atlanta, GA, USA. ACM.
- [Jansen and Neumann, 2008] Jansen, T. and Neumann, F. (2008). "Computational complexity and evolutionary computation". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2417–2444, Atlanta, GA, USA. ACM.
- [Jaskowski et al., 2008] Jaskowski, W.; Krawiec, K.; and Wieloch, B. (2008). "Multi-task code reuse in genetic programming". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.;

- Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2159–2164, Atlanta, GA, USA. ACM.
- [Kayani, 2008] Kayani, S. A. (2008). "Search for human competitive results in open ended automated synthesis of a primordial mechatronic system". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1827–1830, Atlanta, GA, USA. ACM.
- [Kayani and Malik, 2008] Kayani, S. A. and Malik, M. A. (2008). "Bond-graphs + genetic programming: analysis of an automatically synthesized rotary mechanical system". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2165–2168, Atlanta, GA, USA. ACM.
- [Keijzer, 2008] Keijzer, M. (2008). "Symbolic regression". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2895–2906, Atlanta, GA, USA. ACM.
- [Khan et al., 2008] Khan, G. M.; Miller, J. F.; and Halliday, D. M. (2008). "Developing neural structure of two agents that play checkers using cartesian genetic programming". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2169–2174, Atlanta, GA, USA. ACM.
- [Kim, 2008] Kim, J.-W. (2008). "How social structure and institutional order co-evolve beyond instrumental rationality". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1803–1806, Atlanta, GA, USA. ACM.
- [Korani, 2008] Korani, W. M. (2008). "Bacterial foraging oriented by particle swarm optimization strategy for PID tuning". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1823–1826, Atlanta, GA, USA. ACM.
- [Koza, 2008] Koza, J. R. (2008). "Introduction to genetic programming: tutorial". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2299–2338, Atlanta, GA, USA. ACM.
- [Krawiec and Polewski, 2008] Krawiec, K. and Polewski, P. (2008). "Potential fitness for genetic programming". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2175–2180, Atlanta, GA, USA. ACM.
- [Kumar, 2008] Kumar, R. (2008). "Evolutionary multiobjective combinatorial optimization (EMCO)". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon,

- C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2805–2828, Atlanta, GA, USA. ACM.
- [Lässig et al., 2008] Lässig, J.; Hoffmann, K. H.; and Enachescu, M. (2008). "Threshold selecting: best possible probability distribution for crossover selection in genetic algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2181–2186, Atlanta, GA, USA. ACM.
- [Loiacono and Lanzi, 2008] Loiacono, D. and Lanzi, P. L. (2008). "Recursive least squares and quadratic prediction in continuous multistep problems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 1985–1992, Atlanta, GA, USA. ACM.
- [Lu et al., 2008] Lu, Z.; Rughani, A. I.; Tranmer, B. I.; and Bongard, J. (2008). "Informative sampling for large unbalanced data sets". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation*, pages 2047–2054, Atlanta, GA, USA. ACM.
- [Lung et al., 2008] Lung, R. I.; Chira, C.; and Dumitrescu, D. (2008). "An agent-based collaborative evolutionary model for multimodal optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS)*, pages 1969–1976, Atlanta, GA, USA. ACM.
- [Madureira et al., 2008] Madureira, A.; Santos, F.; and Pereira, I. (2008). "Self-managing agents for dynamic scheduling in manufacturing". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2187–2192, Atlanta, GA, USA. ACM.
- [Malagò et al., 2008] Malagò, L.; Matteucci, M.; and Dal Seno, B. (2008). "An information geometry perspective on estimation of distribution algorithms: boundary analysis". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM)*, pages 2081–2088, Atlanta, GA, USA. ACM.
- [Martínez and Jaffe, 2008] Martínez, I. C. and Jaffe, K. (2008). "Comparing different modes of horizontal information transmission in stabilizing cooperation in different complex networks". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS)*, pages 1933–1938, Atlanta, GA, USA. ACM.
- [Merkle, 2008a] Merkle, L. D. (2008a). "Automated network forensics". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith,

- S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1929–1932, Atlanta, GA, USA. ACM.
- [Merkle, 2008b] Merkle, L. D. (2008b). "Metaoptimization of the in-lining priority function for a compiler targeting a polymorphous computing architecture". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1921–1928, Atlanta, GA, USA. ACM.
- [Miikkulainen and Stanley, 2008] Miikkulainen, R. and Stanley, K. O. (2008). "Evolving neural networks". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2829–2848, Atlanta, GA, USA. ACM.
- [Miller and Harding, 2008] Miller, J. F. and Harding, S. L. (2008). "Cartesian genetic programming". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2701–2726, Atlanta, GA, USA. ACM.
- [Montes de Oca and Stützle, 2008] Montes de Oca, M. A. and Stützle, T. (2008). "Towards incremental social learning in optimization and multiagent systems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS)*, pages 1939–1944, Atlanta, GA, USA. ACM.
- [Moore and Babb, 2008] Moore, F. W. and Babb, B. (2008). "A differential evolution algorithm for optimizing signal compression and reconstruction transforms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1907–1912, Atlanta, GA, USA. ACM.
- [Nowak and Lamont, 2008] Nowak, D. J. and Lamont, G. B. (2008). "Autonomous agent behavior generation using multiobjective evolutionary optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS)*, pages 1961–1968, Atlanta, GA, USA. ACM.
- [Nowak et al., 2008] Nowak, D. J.; Lamont, G. B.; and Peterson, G. L. (2008). "Emergent architecture in self organized swarm systems for military applications". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1913–1920, Atlanta, GA, USA. ACM.
- [Orriols-Puig et al., 2008] Orriols-Puig, A.; Casillas, J.; and Bernadó-Mansilla, E. (2008). "First approach toward on-line evolution of association rules with learning classifier systems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz,

- M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 2031–2038, Atlanta, GA, USA. ACM.
- [Padhye, 2008a] Padhye, N. (2008a). "Interplanetary trajectory optimization with swing-bys using evolutionary multi-objective optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Undergraduate Student Workshops*, pages 1835–1838, Atlanta, GA, USA. ACM.
- [Padhye, 2008b] Padhye, N. (2008b). "Topology optimization of compliant mechanism using multi-objective particle swarm optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Undergraduate Student Workshops*, pages 1831–1834, Atlanta, GA, USA. ACM.
- [Paperin, 2008] Paperin, G. (2008). "Using holey fitness landscapes to counteract premature convergence in evolutionary algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1815–1818, Atlanta, GA, USA. ACM.
- [Parmee, 2008] Parmee, I. C. (2008). "Evolutionary design search, exploration and optimisation". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2777–2804, Atlanta, GA, USA. ACM.
- [Patton et al., 2008] Patton, R. M.; Beckerman, B.; and Potok, T. E. (2008). "Analysis of mammography reports using maximum variation sampling". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation*, pages 2061–2064, Atlanta, GA, USA. ACM.
- [Paul et al., 2008] Paul, T. K.; Ueno, K.; Iwata, K.; Hayashi, T.; and Honda, N. (2008). "Risk prediction and risk factors identification from imbalanced data with RPMBGA+ ". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2193–2198, Atlanta, GA, USA. ACM.
- [Payne and Eppstein, 2008] Payne, J. L. and Eppstein, M. J. (2008). "Parameterizing pair approximations for takeover dynamics". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2199–2204, Atlanta, GA, USA. ACM.
- [Pelikan, 2008] Pelikan, M. (2008). "Probabilistic model-building genetic algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2389–2416, Atlanta, GA, USA. ACM.
- [Peralta et al., 2008] Peralta, J.; Gutierrez, G.; and Sanchis, A. (2008). "ADANN: automatic design of artificial neural networks". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle,

- L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC)*, pages 1863–1870, Atlanta, GA, USA. ACM.
- [Poli, 2008] Poli, R. (2008). "Genetic programming theory". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2559–2588, Atlanta, GA, USA. ACM.
- [Ribeiro, 2008] Ribeiro, J. C. B. (2008). "Search-based test case generation for object-oriented java software using strongly-typed genetic programming". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1819–1822, Atlanta, GA, USA. ACM.
- [Rodrigues Lima, Junior, 2008] Rodrigues Lima, Junior, A. (2008). "A study for multi-objective fitness function for time series forecasting with intelligent techniques". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Undergraduate Student Workshops*, pages 1843–1846, Atlanta, GA, USA. ACM.
- [Rosenberg et al., 2008] Rosenberg, B.; Richards, M.; Langton, J. T.; Tenenbaum, S.; and Stouch, D. W. (2008). "Applications of multi-objective evolutionary algorithms to air operations mission planning". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)*, pages 1879–1886, Atlanta, GA, USA. ACM.
- [Rothlauf, 2008] Rothlauf, F. (2008). "Representations for evolutionary algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2613–2638, Atlanta, GA, USA. ACM.
- [Rowe, 2008] Rowe, J. E. (2008). "Genetic algorithm theory". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2535–2558, Atlanta, GA, USA. ACM.
- [Salazar et al., 2008] Salazar, N.; Rodriguez-Aguilar, J. A.; and Arcos, J. L. (2008). "Infection-based self-configuration in agent societies". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS)*, pages 1945–1952, Atlanta, GA, USA. ACM.
- [Santana-Quintero and Coello Coello, 2008] Santana-Quintero, L. V. and Coello Coello, C. A. (2008). "Accelerating convergence using rough sets theory for multi-objective optimization problems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1799–1802, Atlanta, GA, USA. ACM.

- [Sato et al., 2008] Sato, H.; Aguirre, H. E.; and Tanaka, K. (2008). "Local dominance and controlling dominance area of solutions in multi and many objectives EAs". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1811–1814, Atlanta, GA, USA. ACM.
- [Sewell and Yan, 2008] Sewell, M. V. and Yan, W. (2008). "Ultra high frequency financial data". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC)*, pages 1847–1850, Atlanta, GA, USA. ACM.
- [Shirakawa and Nagao, 2008] Shirakawa, S. and Nagao, T. (2008). "Evolutionary algorithm considering program size: efficient program evolution using grape". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2217–2222, Atlanta, GA, USA. ACM.
- [Sichtig et al., 2008] Sichtig, H.; Schaffer, J. D.; and Laramée, C. B. (2008). "SSNNS -: a suite of tools to explore spiking neural networks". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1787–1790, Atlanta, GA, USA. ACM.
- [Sipper, 2008] Sipper, M. (2008). "Evolutionary computation & games". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2741–2776, Atlanta, GA, USA. ACM.
- [Small, 2008] Small, R. K. (2008). "Agent Smith: a real-time game-playing agent for interactive dynamic games". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Undergraduate Student Workshops*, pages 1839–1842, Atlanta, GA, USA. ACM.
- [Spector, 2008] Spector, L. (2008). "Quantum computing". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2865–2894, Atlanta, GA, USA. ACM.
- [Squillero, 2008] Squillero, G. (2008). "Ea-based test and verification of microprocessors". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2665–2688, Atlanta, GA, USA. ACM.
- [Squillero and Tonda, 2008] Squillero, G. and Tonda, A. P. (2008). "A novel methodology for diversity preservation in evolutionary algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2223–2226, Atlanta, GA, USA. ACM.

- [Stalphy and Butz, 2008] Stalphy, P. and Butz, M. V. (2008). "Towards increasing learning speed and robustness of XCSF: experimenting with larger offspring set sizes". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 2023–2030, Atlanta, GA, USA. ACM.
- [Stanley, 2008] Stanley, K. O. (2008). "Generative and developmental systems". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2849–2864, Atlanta, GA, USA. ACM.
- [Sullivan et al., 2008] Sullivan, K.; Luke, S.; Larock, C.; Cier, S.; and Armentrout, S. (2008). "Opportunistic evolution: efficient evolutionary computation on large-scale computational grids". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2227–2232, Atlanta, GA, USA. ACM.
- [Tabacman et al., 2008] Tabacman, M.; Krasnogor, N.; Bacardit, J.; and Loiseau, I. (2008). "Learning classifier systems for optimisation problems: a case study on fractal travelling salesman problem". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 2039–2046, Atlanta, GA, USA. ACM.
- [Talukder, 2008] Talukder, A. K. A. (2008). "Towards high speed multiobjective evolutionary optimizers". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1791–1794, Atlanta, GA, USA. ACM.
- [Thierens, 2008] Thierens, D. (2008). "A bivariate probabilistic model-building genetic algorithm for graph bipartitioning". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM)*, pages 2089–2092, Atlanta, GA, USA. ACM.
- [Tran et al., 2008] Tran, T. H.; Sanza, C.; and Duthen, Y. (2008). "Evolving prediction weights using evolution strategy". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 2009–2016, Atlanta, GA, USA. ACM.
- [Vallim et al., 2008] Vallim, R. M.; Goldberg, D. E.; Llorà, X.; Duque, T. S.; and Carvalho, A. C. (2008). "A new approach for multi-label classification based on default hierarchies and organizational learning". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: Learning Classifier Systems*, pages 2017–2022, Atlanta, GA, USA. ACM.
- [van Krevelen, 2008] van Krevelen, D. W. F. (2008). "Specialization with NeuroEvolution in a collective behaviour task". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Graduate Student Workshops*, pages 1807–1810, Atlanta, GA, USA. ACM.

- [Whitley, 2008] Whitley, D. (2008). "No free lunch". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2589–2612, Atlanta, GA, USA. ACM.
- [Wilson and Kaur, 2008] Wilson, D. and Kaur, D. (2008). "Using quotient graphs to model neutrality in evolutionary search". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2233–2238, Atlanta, GA, USA. ACM.
- [Wineberg and Christensen, 2008] Wineberg, M. and Christensen, S. (2008). "An introduction to statistical analysis for evolutionary computation". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2639–2664, Atlanta, GA, USA. ACM.
- [Witt, 2008] Witt, C. (2008). "Theory of randomised search heuristics in combinatorial optimisation: an algorithmic point of view". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2907–2946, Atlanta, GA, USA. ACM.
- [Yu et al., 2008] Yu, L.; Zhou, J.; Ye, F.; Mabu, S.; Shimada, K.; Hirasawa, K.; and Markon, S. (2008). "Double-deck elevator system using genetic network programming with genetic operators based on pheromone information". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Late-Breaking Papers*, pages 2239–2244, Atlanta, GA, USA. ACM.
- [Zaharie et al., 2008] Zaharie, D.; Lungeanu, D.; and Zamfirache, F. (2008). "Interactive search of rules in medical data using multiobjective evolutionary algorithms". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation*, pages 2065–2072, Atlanta, GA, USA. ACM.
- [Zitzler and Deb, 2008] Zitzler, E. and Deb, K. (2008). "Evolutionary multiobjective optimization". In Ebner, M.; Cattolico, M.; van Hemert, J.; Gustafson, S.; Merkle, L. D.; Moore, F. W.; Congdon, C. B.; Clack, C. D.; Moore, F. W.; Rand, W.; Ficici, S. G.; Riolo, R.; Bacardit, J.; Bernado-Mansilla, E.; Butz, M. V.; Smith, S. L.; Cagnoni, S.; Hauschild, M.; Pelikan, M.; and Sastry, K., editors, *GECCO-2008 tutorials*, pages 2467–2486, Atlanta, GA, USA. ACM.