Список литературы

- [1] Sichtig, H., Schaffer, J. D., and Laramee, C. B. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1787–1790.
- [2] Talukder, A. K. A. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1791–1794.
- [3] Arenas-Díaz, E. D., Ochoterena-Booth, H., and Rodríguez-Vázquez, K. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1795–1798.
- [4] Santana-Quintero, L. V. and Coello Coello, C. A. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1799–1802.
- [5] Kim, J.-W. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1803–1806.
- [6] van Krevelen, D. W. F. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1807–1810.
- [7] Sato, H., Aguirre, H. E., and Tanaka, K. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1811–1814.
- [8] Paperin, G. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1815–1818.
- [9] Ribeiro, J. C. B. (12-16 July, 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., (eds.), *GECCO-2008 Graduate Student Workshops*, Atlanta, GA, USA: ACM pp. 1819–1822.
- [10] Korani, W. M. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1823–1826.
- [11] Kayani, S. A. (12-16 July, 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., (eds.), GECCO-2008 Graduate Student Workshops, Atlanta, GA, USA: ACM pp. 1827–1830.
- [12] Padhye, N. (12-16 July, 2008) Topology optimization of compliant mechanism using multiobjective 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., (eds.), GECCO-2008 Undergraduate Student Workshops, Atlanta, GA, USA: ACM pp. 1831–1834.
- [13] Padhye, N. (12-16 July, 2008) 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., (eds.), GECCO-2008 Undergraduate Student Workshops, Atlanta, GA, USA: ACM pp. 1835–1838.
- [14] Small, R. K. (12-16 July, 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., (eds.), GECCO-2008 Undergraduate Student Workshops, Atlanta, GA, USA: ACM pp. 1839–1842.
- [15] Rodrigues Lima, Junior, A. (12-16 July, 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., (eds.), GECCO-2008 Undergraduate Student Workshops, Atlanta, GA, USA: ACM pp. 1843–1846.
- [16] Sewell, M. V. and Yan, W. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC), Atlanta, GA, USA: ACM pp. 1847–1850.
- [17] Fernández-Blanco, P., Bodas-Sagi, D. J., Soltero, F. J., and Hidalgo, J. I. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC), Atlanta, GA, USA: ACM pp. 1851–1858.

- [18] Hassan, G. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC), Atlanta, GA, USA: ACM pp. 1859–1862.
- [19] Peralta, J., Gutierrez, G., and Sanchis, A. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC), Atlanta, GA, USA: ACM pp. 1863–1870.
- [20] Briza, A. C. and Naval, Jr., P. C. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC), Atlanta, GA, USA: ACM pp. 1871–1878.
- [21] Rosenberg, B., Richards, M., Langton, J. T., Tenenbaum, S., and Stouch, D. W. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1879–1886.
- [22] Francisco, T. and dos Reis, G. M. J. (12-16 July, 2008) 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1887–1892.
- [23] Francisco, T. and dos Reis, G. M. J. (12-16 July, 2008) 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1893–1900.
- [24] Babb, B., Moore, F., Peterson, M., and Lamont, G. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1901–1906.
- [25] Moore, F. W. and Babb, B. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1907–1912.

- [26] Nowak, D. J., Lamont, G. B., and Peterson, G. L. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1913–1920.
- [27] Merkle, L. D. (12-16 July, 2008) 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1921–1928.
- [28] Merkle, L. D. (12-16 July, 2008) 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., (eds.), GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC), Atlanta, GA, USA: ACM pp. 1929–1932.
- [29] Martínez, I. C. and Jaffe, K. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS), Atlanta, GA, USA: ACM pp. 1933–1938.
- [30] Montes de Oca, M. A. and Stützle, T. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECOMASS), Atlanta, GA, USA: ACM pp. 1939–1944.
- [31] Salazar, N., Rodriguez-Aguilar, J. A., and Arcos, J. L. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS), Atlanta, GA, USA: ACM pp. 1945–1952.
- [32] Chira, C., Gog, A., and Dumitrescu, D. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS), Atlanta, GA, USA: ACM pp. 1953-1960.
- [33] Nowak, D. J. and Lamont, G. B. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECOMASS), Atlanta, GA, USA: ACM pp. 1961–1968.

- [34] Lung, R. I., Chira, C., and Dumitrescu, D. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS), Atlanta, GA, USA: ACM pp. 1969–1976.
- [35] Howard, G. D. and Bull, L. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 1977–1984.
- [36] Loiacono, D. and Lanzi, P. L. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 1985–1992.
- [37] Franco, M. A., Martinez, I. C., and Gorrin, C. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 1993-2000.
- [38] Enée, G. and Peroumalnaïk, M. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 2001–2008.
- [39] Tran, T. H., Sanza, C., and Duthen, Y. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 2009–2016.
- [40] Vallim, R. M., Goldberg, D. E., Llorà, X., Duque, T. S., and Carvalho, A. C. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 2017–2022.
- [41] Stalph, P. and Butz, M. V. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 2023–2030.
- [42] Orriols-Puig, A., Casillas, J., and Bernadó-Mansilla, E. (12-16 July, 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., (eds.), *GECCO-2008 Workshop: Learning Classifier Systems*, Atlanta, GA, USA: ACM pp. 2031–2038.
- [43] Tabacman, M., Krasnogor, N., Bacardit, J., and Loiseau, I. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Learning Classifier Systems, Atlanta, GA, USA: ACM pp. 2039–2046.
- [44] Lu, Z., Rughani, A. I., Tranmer, B. I., and Bongard, J. (12-16 July, 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., (eds.), GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation, Atlanta, GA, USA: ACM pp. 2047–2054.
- [45] Blouza, A., Dumas, L., and M'Baye, I. (12-16 July, 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., (eds.), GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation, Atlanta, GA, USA: ACM pp. 2055–2060.
- [46] Patton, R. M., Beckerman, B., and Potok, T. E. (12-16 July, 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., (eds.), GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation, Atlanta, GA, USA: ACM pp. 2061–2064.
- [47] Zaharie, D., Lungeanu, D., and Zamfirache, F. (12-16 July, 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., (eds.), GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation, Atlanta, GA, USA: ACM pp. 2065–2072.
- [48] Hazell, A. and Smith, S. L. (12-16 July, 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., (eds.), GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation, Atlanta, GA, USA: ACM pp. 2073–2080.
- [49] Malagò, L., Matteucci, M., and Dal Seno, B. (12-16 July, 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., (eds.), GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM), Atlanta, GA, USA: ACM pp. 2081–2088.
- [50] Thierens, D. (12-16 July, 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., (eds.), *GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM)*, Atlanta, GA, USA: ACM pp. 2089–2092.
- [51] Awais, A., Farooq, M., and Javed, M. Y. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2093–2098.
- [52] Baughman, A. K. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2099–2104.
- [53] Bhattacharya, M. (12-16 July, 2008) 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2105–2110.
- [54] Bhattacharya, M. (12-16 July, 2008) 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2111–2116.
- [55] Bhattacharya, M. (12-16 July, 2008) 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2117–2122.
- [56] Chen, J.-H. and Chen, J.-H. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2123–2128.
- [57] Dasgupta, D., Hernandez, G., Garrett, D., Vejandla, P. K., Kaushal, A., Yerneni, R., and Simien, J. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2129–2134.
- [58] De Pauw, D. J. W. and De Baets, B. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2135–2140.
- [59] Fries, T. P. (12-16 July, 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., (eds.), *GECCO-2008 Late-Breaking Papers*, Atlanta, GA, USA: ACM pp. 2141–2146.
- [60] Iclanzan, D. and Dumitrescu, D. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2147–2152.
- [61] Imada, J. H. and Ross, B. J. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2153–2158.
- [62] Jaskowski, W., Krawiec, K., and Wieloch, B. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2159–2164.
- [63] Kayani, S. A. and Malik, M. A. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2165-2168.
- [64] Khan, G. M., Miller, J. F., and Halliday, D. M. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2169-2174.
- [65] Krawiec, K. and Polewski, P. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2175–2180.
- [66] Lässig, J., Hoffmann, K. H., and Enachescu, M. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2181–2186.
- [67] Madureira, A., Santos, F., and Pereira, I. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2187–2192.
- [68] Paul, T. K., Ueno, K., Iwata, K., Hayashi, T., and Honda, N. (12-16 July, 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., (eds.), *GECCO-2008 Late-Breaking Papers*, Atlanta, GA, USA: ACM pp. 2193–2198.
- [69] Payne, J. L. and Eppstein, M. J. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2199–2204.
- [70] Shirakawa, S. and Nagao, T. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2217–2222.
- [71] Squillero, G. and Tonda, A. P. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2223-2226.
- [72] Sullivan, K., Luke, S., Larock, C., Cier, S., and Armentrout, S. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2227–2232.
- [73] Wilson, D. and Kaur, D. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2233–2238.
- [74] Yu, L., Zhou, J., Ye, F., Mabu, S., Shimada, K., Hirasawa, K., and Markon, S. (12-16 July, 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., (eds.), GECCO-2008 Late-Breaking Papers, Atlanta, GA, USA: ACM pp. 2239–2244.
- [75] De Jong, K. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2245–2258.
- [76] Bäck, T. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2259–2276.

- [77] Goodman, E. D. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2277–2298.
- [78] Koza, J. R. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2299–2338.
- [79] Azad, R. M. A. and Ryan, C. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2339–2366.
- [80] Butz, M. V. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2367–2388.
- [81] Pelikan, M. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2389–2416.
- [82] Jansen, T. and Neumann, F. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2417–2444.
- [83] Coello Coello, C. A. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2445–2466.
- [84] Zitzler, E. and Deb, K. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2467–2486.
- [85] Deb, K. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2487–2516.
- [86] Bartz-Beielstein, T. and Preuss, M. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2517–2534.

- [87] Rowe, J. E. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2535–2558.
- [88] Poli, R. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2559–2588.
- [89] Whitley, D. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2589–2612.
- [90] Rothlauf, F. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2613–2638.
- [91] Wineberg, M. and Christensen, S. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2639–2664.
- [92] Squillero, G. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2665–2688.
- [93] Borenstein, Y. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2689–2700.
- [94] Miller, J. F. and Harding, S. L. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2701–2726.
- [95] Auger, A. and Hansen, N. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2727-2740.
- [96] Sipper, M. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2741–2776.

- [97] Parmee, I. C. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2777–2804.
- [98] Kumar, R. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2805–2828.
- [99] Miikkulainen, R. and Stanley, K. O. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2829–2848.
- [100] Stanley, K. O. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2849–2864.
- [101] Spector, L. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2865–2894.
- [102] Keijzer, M. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2895–2906.
- [103] Witt, C. (12-16 July, 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., (eds.), GECCO-2008 tutorials, Atlanta, GA, USA: ACM pp. 2907–2946.