

Список литературы

- [1] Applications of multi-objective evolutionary algorithms to air operations mission planning / B. Rosenberg, M. Richards, J. T. Langton et al. // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1879–1886. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1879.pdf>.
- [2] *Arenas-Díaz, E. D.* Multiple sequence alignment using a GLOCSA guided genetic algorithm / E. D. Arenas-Díaz, H. Ochoterena-Booth, K. Rodríguez-Vázquez // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1795–1798. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1795.pdf>.
- [3] *Auger, A.* Evolution strategies and related estimation of distribution algorithms / A. Auger, N. Hansen // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2727–2740. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2727.pdf>.
- [4] *Awais, A.* Attack analysis & bio-inspired security framework for IPMultimedia subsystem / A. Awais, M. Farooq, M. Y. Javed // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2093–2098. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2093.pdf>.
- [5] *Azad, R. M. A.* Gecco 2008 grammatical evolution tutorial / R. M. A. Azad, C. Ryan // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2339–2366. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2339.pdf>.
- [6] *Bäck, T.* Evolution strategies: basic introduction / T. Bäck // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2259–2276. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2259.pdf>.
- [7] *Bartz-Beielstein, T.* Experimental research in evolutionary computation / T. Bartz-Beielstein, M. Preuss // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2517–2534. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2517.pdf>.
- [8] *Baughman, A. K.* Evolutionary facial feature selection / A. K. Baughman // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2099–2104. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2099.pdf>.
- [9] *Bhattacharya, M.* Handling uncertainty with a real-coded EA / M. Bhattacharya // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2111–2116. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2111.pdf>.
- [10] *Bhattacharya, M.* Reduced computation for evolutionary optimization in noisy environment / M. Bhattacharya // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2117–2122. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2117.pdf>.
- [11] *Bhattacharya, M.* A synergistic approach for evolutionary optimization / M. Bhattacharya // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2105–2110. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2105.pdf>.

- [12] *Blouza, A.* Multiobjective optimization of a stent in a fluid-structure context / A. Blouza, L. Dumas, I. M'Baye // GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2055–2060. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2055.pdf>.
- [13] *Borenstein, Y.* An information perspective on evolutionary computation / Y. Borenstein // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2689–2700. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2689.pdf>.
- [14] *Briza, A. C.* Design of stock trading system for historical market data using multiobjective particle swarm optimization of technical indicators / A. C. Briza, P. C. Naval, Jr. // GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARCFEC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1871–1878. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1871.pdf>.
- [15] *Butz, M. V.* Learning classifier systems / M. V. Butz // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2367–2388. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2367.pdf>.
- [16] *Chen, J.-H.* Multi-objective memetic approach for flexible process sequencing problems / J.-H. Chen, J.-H. Chen // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2123–2128. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2123.pdf>.
- [17] *Chira, C.* Exploring population geometry and multi-agent systems: a new approach to developing evolutionary techniques / C. Chira, A. Gog, D. Dumitrescu // GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1953–1960. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1953.pdf>.
- [18] *Coello Coello, C. A.* Constraint-handling techniques used with evolutionary algorithms / C. A. Coello Coello // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2445–2466. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2445.pdf>.
- [19] A comparison of multiobjective evolutionary algorithms with informed initialization and kuhn-munkres algorithm for the sailor assignment problem / D. Dasgupta, G. Hernandez, D. Garrett et al. // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2129–2134. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2129.pdf>.
- [20] *De Jong, K.* Evolutionary computation: a unified approach / K. De Jong // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2245–2258. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2245.pdf>.
- [21] *De Pauw, D. J. W.* Incorporating model identifiability into equation discovery of ODE systems / D. J. W. De Pauw, B. De Baets // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2135–2140. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2135.pdf>.
- [22] *Deb, K.* Evolutionary practical optimization / K. Deb // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2487–2516. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2487.pdf>.

- [23] Double-deck elevator system using genetic network programming with genetic operators based on pheromone information / L. Yu, J. Zhou, F. Ye et al. // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2239–2244. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2239.pdf>.
- [24] *Enée, G.* Adapted Pittsburgh classifier system: building accurate strategies in non markovian environments / G. Enée, M. Peroumalnaïk // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2001–2008. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2001.pdf>.
- [25] Evolving better satellite image compression and reconstruction transforms / B. Babb, F. Moore, M. Peterson, G. Lamont // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1901–1906. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1901.pdf>.
- [26] *Francisco, T.* Evolving combat algorithms to control space ships in a 2D space simulation game with co-evolution using genetic programming and decision trees / T. Francisco, G. M. J. dos Reis // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1887–1892. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1887.pdf>.
- [27] *Francisco, T.* Evolving predator and prey behaviours with co-evolution using genetic programming and decision trees / T. Francisco, G. M. J. dos Reis // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1893–1900. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1893.pdf>.
- [28] *Franco, M. A.* Supply chain management sales using XCSR / M. A. Franco, I. C. Martinez, C. Gorriñ / GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1993–2000. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1993.pdf>.
- [29] *Fries, T. P.* A fuzzy-genetic approach to network intrusion detection / T. P. Fries // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2141–2146. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2141.pdf>.
- [30] *Goodman, E. D.* Introduction to genetic algorithms / E. D. Goodman // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2277–2298. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2277.pdf>.
- [31] *Hassan, G.* Non-linear factor model for asset selection using multi objective genetic programming / G. Hassan // GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1859–1862. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1859.pdf>.
- [32] *Hazell, A.* Towards an objective assessment of alzheimer’s disease: the application of a novel evolutionary algorithm in the analysis of figure copying tasks / A. Hazell, S. L. Smith // GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2073–2080. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2073.pdf>.

- [33] *Howard, G. D.* On the effects of node duplication and connection-oriented constructivism in neural XCSF / G. D. Howard, L. Bull // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1977–1984. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1977.pdf>.
- [34] *Iclanzan, D.* Towards memoryless model building / D. Iclanzan, D. Dumitrescu // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2147–2152. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2147.pdf>.
- [35] *Imada, J. H.* Using feature-based fitness evaluation in symbolic regression with added noise / J. H. Imada, B. J. Ross // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2153–2158. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2153.pdf>.
- [36] Informative sampling for large unbalanced data sets / Z. Lu, A. I. Rughani, B. I. Tranmer, J. Bongard // GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2047–2054. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2047.pdf>.
- [37] *Jansen, T.* Computational complexity and evolutionary computation / T. Jansen, F. Neumann // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2417–2444. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2417.pdf>.
- [38] *Jaskowski, W.* Multi-task code reuse in genetic programming / W. Jaskowski, K. Krawiec, B. Wieloch // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2159–2164. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2159.pdf>.
- [39] *Kayani, S. A.* Search for human competitive results in open ended automated synthesis of a primordial mechatronic system / S. A. Kayani // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1827–1830. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1827.pdf>.
- [40] *Kayani, S. A.* Bond-graphs + genetic programming: analysis of an automatically synthesized rotary mechanical system / S. A. Kayani, M. A. Malik // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2165–2168. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2165.pdf>.
- [41] *Keijzer, M.* Symbolic regression / M. Keijzer // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2895–2906. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2895.pdf>.
- [42] *Khan, G. M.* Developing neural structure of two agents that play checkers using cartesian genetic programming / G. M. Khan, J. F. Miller, D. M. Halliday // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2169–2174. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2169.pdf>.
- [43] *Kim, J.-W.* How social structure and institutional order co-evolve beyond instrumental rationality / J.-W. Kim // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1803–1806. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1803.pdf>.

- [44] *Korani, W. M.* Bacterial foraging oriented by particle swarm optimization strategy for PID tuning / W. M. Korani // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1823–1826. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1823.pdf>.
- [45] *Koza, J. R.* Introduction to genetic programming: tutorial / J. R. Koza // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2299–2338. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2299.pdf>.
- [46] *Krawiec, K.* Potential fitness for genetic programming / K. Krawiec, P. Polewski // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2175–2180. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2175.pdf>.
- [47] *Kumar, R.* Evolutionary multiobjective combinatorial optimization (EMCO) / R. Kumar // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2805–2828. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2805.pdf>.
- [48] *Lässig, J.* Threshold selecting: best possible probability distribution for crossover selection in genetic algorithms / J. Lässig, K. H. Hoffmann, M. Enachescu // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2181–2186. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2181.pdf>.
- [49] Learning classifier systems for optimisation problems: a case study on fractal travelling salesman problem / M. Tabacman, N. Krasnogor, J. Bacardit, I. Loiseau // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2039–2046. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2039.pdf>.
- [50] *Loiacono, D.* Recursive least squares and quadratic prediction in continuous multistep problems / D. Loiacono, P. L. Lanzi // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1985–1992. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1985.pdf>.
- [51] *Lung, R. I.* An agent-based collaborative evolutionary model for multimodal optimization / R. I. Lung, C. Chira, D. Dumitrescu // GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1969–1976. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1969.pdf>.
- [52] *Madureira, A.* Self-managing agents for dynamic scheduling in manufacturing / A. Madureira, F. Santos, I. Pereira // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2187–2192. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2187.pdf>.
- [53] *Malagò, L.* An information geometry perspective on estimation of distribution algorithms: boundary analysis / L. Malagò, M. Matteucci, B. Dal Seno // GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2081–2088. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2081.pdf>.
- [54] *Martínez, I. C.* Comparing different modes of horizontal information transmission in stabilizing cooperation in different complex networks / I. C. Martínez, K. Jaffe // GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) / ed.

- by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1933–1938. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1933.pdf>.
- [55] *Merkle, L. D.* Automated network forensics / L. D. Merkle // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1929–1932. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1929.pdf>.
 - [56] *Merkle, L. D.* Metaoptimization of the in-lining priority function for a compiler targeting a polymorphous computing architecture / L. D. Merkle // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1921–1928. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1921.pdf>.
 - [57] *Miikkulainen, R.* Evolving neural networks / R. Miikkulainen, K. O. Stanley // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2829–2848. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2829.pdf>.
 - [58] *Miller, J. F.* Cartesian genetic programming / J. F. Miller, S. L. Harding // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2701–2726. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2701.pdf>.
 - [59] *Montes de Oca, M. A.* Towards incremental social learning in optimization and multiagent systems / M. A. Montes de Oca, T. Stützle // GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1939–1944. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1939.pdf>.
 - [60] *Moore, F. W.* A differential evolution algorithm for optimizing signal compression and reconstruction transforms / F. W. Moore, B. Babb // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1907–1912. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1907.pdf>.
 - [61] A new approach for multi-label classification based on default hierarchies and organizational learning / R. M. Vallim, D. E. Goldberg, X. Llorà et al. // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2017–2022. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2017.pdf>.
 - [62] *Nowak, D. J.* Autonomous agent behavior generation using multiobjective evolutionary optimization / D. J. Nowak, G. B. Lamont // GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1961–1968. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1961.pdf>.
 - [63] *Nowak, D. J.* Emergent architecture in self organized swarm systems for military applications / D. J. Nowak, G. B. Lamont, G. L. Peterson // GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1913–1920. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1913.pdf>.
 - [64] Opportunistic evolution: efficient evolutionary computation on large-scale computational grids / K. Sullivan, S. Luke, C. Larock et al. // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2227–2232. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2227.pdf>.

- [65] *Orriols-Puig, A.* First approach toward on-line evolution of association rules with learning classifier systems / A. Orriols-Puig, J. Casillas, E. Bernadó-Mansilla // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2031–2038. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2031.pdf>.
- [66] *Padhye, N.* Interplanetary trajectory optimization with swing-bys using evolutionary multi-objective optimization / N. Padhye // GECCO-2008 Undergraduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1835–1838. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1835.pdf>.
- [67] *Padhye, N.* Topology optimization of compliant mechanism using multi-objective particle swarm optimization / N. Padhye // GECCO-2008 Undergraduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1831–1834. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1831.pdf>.
- [68] *Paperin, G.* Using holey fitness landscapes to counteract premature convergence in evolutionary algorithms / G. Paperin // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1815–1818. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1815.pdf>.
- [69] *Parmee, I. C.* Evolutionary design search, exploration and optimisation / I. C. Parmee // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2777–2804. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2777.pdf>.
- [70] *Patton, R. M.* Analysis of mammography reports using maximum variation sampling / R. M. Patton, B. Beckerman, T. E. Potok // GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2061–2064. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2061.pdf>.
- [71] *Payne, J. L.* Parameterizing pair approximations for takeover dynamics / J. L. Payne, M. J. Epstein // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2199–2204. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2199.pdf>.
- [72] *Pelikan, M.* Probabilistic model-building genetic algorithms / M. Pelikan // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2389–2416. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2389.pdf>.
- [73] *Peralta, J.* ADANN: automatic design of artificial neural networks / J. Peralta, G. Gutierrez, A. Sanchis // GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1863–1870. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1863.pdf>.
- [74] *Poli, R.* Genetic programming theory / R. Poli // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2559–2588. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2559.pdf>.
- [75] *Ribeiro, J. C. B.* Search-based test case generation for object-oriented java software using strongly-typed genetic programming / J. C. B. Ribeiro // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1819–1822. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1819.pdf>.

- [76] Risk prediction and risk factors identification from imbalanced data with RPMBGA+ / T. K. Paul, K. Ueno, K. Iwata et al. // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2193–2198. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2193.pdf>.
- [77] *Rodrigues Lima, Junior, A.* A study for multi-objective fitness function for time series forecasting with intelligent techniques / A. Rodrigues Lima, Junior // GECCO-2008 Undergraduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1843–1846. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1843.pdf>.
- [78] *Rothlauf, F.* Representations for evolutionary algorithms / F. Rothlauf // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2613–2638. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2613.pdf>.
- [79] *Rowe, J. E.* Genetic algorithm theory / J. E. Rowe // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2535–2558. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2535.pdf>.
- [80] *Salazar, N.* Infection-based self-configuration in agent societies / N. Salazar, J. A. Rodriguez-Aguilar, J. L. Arcos // GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1945–1952. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1945.pdf>.
- [81] *Santana-Quintero, L. V.* Accelerating convergence using rough sets theory for multi-objective optimization problems / L. V. Santana-Quintero, C. A. Coello Coello // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1799–1802. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1799.pdf>.
- [82] *Sato, H.* Local dominance and controlling dominance area of solutions in multi and many objectives EAs / H. Sato, H. E. Aguirre, K. Tanaka // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1811–1814. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1811.pdf>.
- [83] *Sewell, M. V.* Ultra high frequency financial data / M. V. Sewell, W. Yan // GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1847–1850. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1847.pdf>.
- [84] *Shirakawa, S.* Evolutionary algorithm considering program size: efficient program evolution using grape / S. Shirakawa, T. Nagao // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2217–2222. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2217.pdf>.
- [85] *Sichtig, H.* SSNNS -: a suite of tools to explore spiking neural networks / H. Sichtig, J. D. Schaffer, C. B. Laramée // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1787–1790. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1787.pdf>.
- [86] *Sipper, M.* Evolutionary computation & games / M. Sipper // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2741–2776. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2741.pdf>.

- [87] *Small, R. K.* Agent Smith: a real-time game-playing agent for interactive dynamic games / R. K. Small // GECCO-2008 Undergraduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1839–1842. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1839.pdf>.
- [88] *Spector, L.* Quantum computing / L. Spector // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2865–2894. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2865.pdf>.
- [89] *Squillero, G.* Ea-based test and verification of microprocessors / G. Squillero // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2665–2688. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2665.pdf>.
- [90] *Squillero, G.* A novel methodology for diversity preservation in evolutionary algorithms / G. Squillero, A. P. Tonda // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2223–2226. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2223.pdf>.
- [91] *Stalphy, P.* Towards increasing learning speed and robustness of XCSF: experimenting with larger offspring set sizes / P. Stalphy, M. V. Butz // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2023–2030. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2023.pdf>.
- [92] *Stanley, K. O.* Generative and developmental systems / K. O. Stanley // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2849–2864. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2849.pdf>.
- [93] *Talukder, A. K. A.* Towards high speed multiobjective evolutionary optimizers / A. K. A. Talukder // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1791–1794. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1791.pdf>.
- [94] Technical market indicators optimization using evolutionary algorithms / P. Fernández-Blanco, D. J. Bodas-Sagi, F. J. Soltero, J. I. Hidalgo // GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1851–1858. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1851.pdf>.
- [95] *Thierens, D.* A bivariate probabilistic model-building genetic algorithm for graph bipartitioning / D. Thierens // GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM) / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2089–2092. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2089.pdf>.
- [96] *Tran, T. H.* Evolving prediction weights using evolution strategy / T. H. Tran, C. Sanza, Y. Duthen // GECCO-2008 Workshop: Learning Classifier Systems / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2009–2016. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2009.pdf>.
- [97] *van Krevelen, D. W. F.* Specialization with NeuroEvolution in a collective behaviour task / D. W. F. van Krevelen // GECCO-2008 Graduate Student Workshops / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 1807–1810. — Mode of access<http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p1807.pdf>.

- [98] *Whitley, D.* No free lunch / D. Whitley // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2589–2612. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2589.pdf>.
- [99] *Wilson, D.* Using quotient graphs to model neutrality in evolutionary search / D. Wilson, D. Kaur // GECCO-2008 Late-Breaking Papers / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2233–2238. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2233.pdf>.
- [100] *Wineberg, M.* An introduction to statistical analysis for evolutionary computation / M. Wineberg, S. Christensen // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2639–2664. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2639.pdf>.
- [101] *Witt, C.* Theory of randomised search heuristics in combinatorial optimisation: an algorithmic point of view / C. Witt // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2907–2946. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2907.pdf>.
- [102] *Zaharie, D.* Interactive search of rules in medical data using multiobjective evolutionary algorithms / D. Zaharie, D. Lungeanu, F. Zamfirache // GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2065–2072. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2065.pdf>.
- [103] *Zitzler, E.* Evolutionary multiobjective optimization / E. Zitzler, K. Deb // GECCO-2008 tutorials / ed. by M. Ebner, M. Cattolico, J. van Hemert et al. — Atlanta, GA, USA : ACM, 2008. — 12-16 July. — P. 2467–2486. — Mode of access <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2008/docs/p2467.pdf>.