

## Список литературы

- [1] Bai Z, Lv Q. A leader-based parallel cross entropy algorithm for MCP. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2401-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2401.pdf>.
- [2] Bhattacharya M. Expensive optimization, uncertain environment: an EA-based solution. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2407-14. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2407.pdf>.
- [3] Binard F, Felty A. An abstraction-based genetic programming system. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2415-22. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2415.pdf>.
- [4] Brownlee AEI, McCall JAW, Brown DF. Solving the MAXSAT problem using a multivariate EDA based on Markov networks. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2423-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2423.pdf>.
- [5] Byrne EL. Optimising the flow of experiments to a robot scientist with multi-objective evolutionary algorithms. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2429-36. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2429.pdf>.
- [6] de Boer F, Hogeweg P. The role of speciation in spatial coevolutionary function approximation. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2437-41. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2437.pdf>.
- [7] Diosan LS, Oltean M. Evolving evolutionary algorithms using evolutionary algorithms. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2442-9. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2442.pdf>.
- [8] DiPaola SR, Gabora L. Incorporating characteristics of human creativity into an evolutionary art algorithm. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2450-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2450.pdf>.
- [9] Ekárt A. Evolution of lace knitting stitch patterns by genetic programming. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2457-61. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2457.pdf>.
- [10] Ellabaan MMH. Activation energy-based simulation for self-assembly of multi-shape tiles. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2462-7. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2462.pdf>.
- [11] Farley AM. Choice and development. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2468-74. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2468.pdf>.

- [12] Hadjam FZ, Moraga C, Benmohamed M. Cluster-based evolutionary design of digital circuits using all improved multi-expression programming. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2475-82. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2475.pdf>.
- [13] Hilder JA, Tyrrell AM. An evolutionary platform for developing next-generation electronic circuits. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2483-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2483.pdf>.
- [14] Hosny MI, Mumford CL. Single vehicle pickup and delivery with time windows: made to measure genetic encoding and operators. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2489-96. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2489.pdf>.
- [15] Iclănzan D. Crossover: the divine afflatus in search. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2497-502. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2497.pdf>.
- [16] Janikow CZ. Evolving problem heuristics with on-line ACGP. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2503-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2503.pdf>.
- [17] Kanlikilicer AE, Keles A, Uyar AS. Experimental analysis of binary differential evolution in dynamic environments. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2509-14. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2509.pdf>.
- [18] Kayani SA, Malik MA. Combining bond-graphs with genetic programming for unified/automated design of mechatronic or multi domain dynamic systems. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2515-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2515.pdf>.
- [19] Khalifa YMA, Khan BK, Begovic J, Wisdom A, Wheeler AM. Evolutionary music composer integrating formal grammar. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2519-26. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2519.pdf>.
- [20] Khalifa YMA, Khan BK, Taha F. Multi-objective optimization tool for a free structure analog circuits design using genetic algorithms and incorporating parasitics. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2527-34. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2527.pdf>.
- [21] Khan GM, Miller JF, Halliday DM. A developmental model of neural computation using cartesian genetic programming. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2535-42. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2535.pdf>.
- [22] Khor S. On solving hierarchical problems with top down control. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2543-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2543.pdf>.

- [23] Manos S, Large MCJ, Poladian L. Evolutionary design of single-mode microstructured polymer optical fibres using an artificial embryogeny representation. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2549-56. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2549.pdf>.
- [24] Payne JL, Eppstein MJ. Using pair approximations to predict takeover dynamics in spatially structured populations. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2557-64. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2557.pdf>.
- [25] Ricalde E, Vázquez KR. A GP neutral function for the artificial ANT problem. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2565-71. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2565.pdf>.
- [26] Shmygelska A. An extremal optimization search method for the protein folding problem: the go-model example. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2572-9. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2572.pdf>.
- [27] Valdes JJ, Barton AJ. Computational intelligence techniques: a study of scleroderma skin disease. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2580-7. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2580.pdf>.
- [28] Yin Z, Brabazon A, O'Sullivan C. Adaptive genetic programming for option pricing. In: Bosman PAN, editor. Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007). London, United Kingdom: ACM Press; 2007. p. 2588-94. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2588.pdf>.
- [29] Peterson MR, Lamont GB, Moore F, Marshall P. A satellite image set for the evolution of image transforms for defense applications. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2901-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2901.pdf>.
- [30] Mora AM, Merelo JJ, Jiménez JL, Castillo PA, Millán C, Torrecillas J. Balancing safety and speed in the military path finding problem: analysis of different ACO algorithms. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2859-64. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2859.pdf>.
- [31] Patton RM, Potok TE. Discovering event evidence amid massive, dynamic datasets. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2895-900. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2895.pdf>.
- [32] Babb BJ. Evolved transforms surpass the FBI wavelet for improved fingerprint compression and reconstruction. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2603-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2603.pdf>.
- [33] Haag CR, Lamont GB, Williams PD, Peterson GL. An artificial immune system-inspired multiobjective evolutionary algorithm with application to the detection of distributed computer network intrusions. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2717-24. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2717.pdf>.

- [34] Le Martelot E, Bentley PJ, Lotto RB. A systemic computation platform for the modelling and analysis of processes with natural characteristics. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2809-16. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2809.pdf>.
- [35] Affenzeller M, Wagner S, Winkler S. Aspects of adaptation in natural and artificial evolution. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2595-602. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2595.pdf>.
- [36] Shayani H, Bentley PJ. A more bio-plausible approach to the evolutionary inference of finite state machines. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2937-44. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2937.pdf>.
- [37] Goldberg EFG, Goldberg MC, Bagi LB. Transgenetic algorithm: a new evolutionary perspective for heuristics design. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2701-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2701.pdf>.
- [38] Yu T. Program evolvability under environmental variations and neutrality. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2973-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2973.pdf>.
- [39] Lung RI, Dumitrescu D. A new collaborative evolutionary-swarm optimization technique. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2817-20. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2817.pdf>.
- [40] Campbell AM, Wu AS. Learning and exploiting knowledge in multi-agent task allocation problems. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2637-42. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2637.pdf>.
- [41] Bel-Enguix G, Jimenez-Lopez MD. Agent-environment interaction in a multi-agent system: a formal model. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2607-12. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2607.pdf>.
- [42] Malkin D, Lotto RB. Evolutionary benefits of evolvable component integration. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2825-30. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2825.pdf>.
- [43] Pita MS, Neto FBL. Simulations of egoistic and altruistic behaviors using the vidya multiagent system platform. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2927-32. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2927.pdf>.
- [44] Pang W, Coghill GM. Modified clonal selection algorithm for learning qualitative compartmental models of metabolic systems. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2887-94. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2887.pdf>.
- [45] Khoury M, Guerin F, Coghill GM. Learning dynamic models of compartment systems by combining symbolic regression with fuzzy vector envisionment. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2769-76. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2769.pdf>.

- [46] Ellin DM, Flockton SJ. Analysing evolvable cell design for optimisation of routing options. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2687-94. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2687.pdf>.
- [47] Becerra RL, Coello Coello CA. Epsilon-constraint with an efficient cultured differential evolution. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2787-94. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2787.pdf>.
- [48] Martí L, García J, Berlanga A, Molina JM. A cumulative evidential stopping criterion for multiobjective optimization evolutionary algorithms. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2835-42. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2835.pdf>.
- [49] Reis G, Vega F. A novel approach to automatic music transcription using electronic synthesis and genetic algorithms. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2915-22. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2915.pdf>.
- [50] Drugowitsch J, Barry AM. A principled foundation for LCS. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2675-80. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2675.pdf>.
- [51] Bull L. On lookahead and latent learning in simple LCS. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2633-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2633.pdf>.
- [52] Orriols-Puig A, Bernadó-Mansilla E, Sastry K, Goldberg DE. Substructural surrogates for learning decomposable classification problems: implementation and first results. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2875-82. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2875.pdf>.
- [53] Orriols-Puig A, Casillas J, Bernadó-Mansilla E. Fuzzy-UCS: preliminary results. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2871-4. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2871.pdf>.
- [54] Kovacs T, Bull L. Toward a better understanding of rule initialisation and deletion. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2777-80. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2777.pdf>.
- [55] Lanzi PL, Rocca S, Solari S. An approach to analyze the evolution of symbolic conditions in learning classifier systems. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2795-800. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2795.pdf>.
- [56] Richard N, Tardieu S, Yamada S. Cascaded generic XCS to learn about reminding preferences. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2923-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2923.pdf>.
- [57] Smith RE, Jiang MK. MILCS: a mutual information learning classifier system. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2945-52. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2945.pdf>.



- [58] Gershoff M, Schulenburg S. Collective behavior based hierarchical XCS. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2695-700. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2695.pdf>.
- [59] Wong SYB, Schulenburg S. Portfolio allocation using XCS experts in technical analysis, market conditions and options market. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2965-72. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2965.pdf>.
- [60] Marshall JAR, Brown G, Kovacs T. Bayesian estimation of rule accuracy in UCS. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2831-4. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2831.pdf>.
- [61] Browne WN, Ioannides C. Investigating scaling of an abstracted LCS utilising ternary and s-expression alphabets. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2759-64. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2759.pdf>.
- [62] Harrison GA, Worden EW. Genetically programmed learning classifier system description and results. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2729-36. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2729.pdf>.
- [63] Valdes JJ, Orchard R, Barton AJ. Exploring medical data using visual spaces with genetic programming and implicit functional mappings. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2953-60. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2953.pdf>.
- [64] Dumas L, El Alaoui L. How genetic algorithms can improve a pacemaker efficiency. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2681-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2681.pdf>.
- [65] Howard DM, Tyrrell AM, Cooper C. Evolution of adult male oral tract shapes for close and open vowels. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2751-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2751.pdf>.
- [66] Ha J, Eom J, Kim S, Zhang BT. Evolutionary hypernetwork models for aptamer-based cardiovascular disease diagnosis. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2709-16. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2709.pdf>.
- [67] Poli R. On the moments of the sampling distribution of particle swarm optimisers. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2907-14. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2907.pdf>.
- [68] Blackwell T, Bratton D. Origin of bursts. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2613-20. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2613.pdf>.
- [69] Diosan L, Oltean M. Observing the swarm behaviour during its evolutionary design. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2667-74. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2667.pdf>.

- [70] Bratton D, Blackwell T. Understanding particle swarms through simplification: a study of recombinant PSO. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2621-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2621.pdf>.
- [71] Di Chio C, Moraglio A, Poli R. Geometric particle swarm optimisation on binary and real spaces: from theory to practice. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2659-66. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2659.pdf>.
- [72] Holden NP, Freitas AA. A hybrid PSO/ACO algorithm for classification. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2745-50. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2745.pdf>.
- [73] Correa ES, Freitas AA, Johnson CG. Particle swarm and bayesian networks applied to attribute selection for protein functional classification. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2651-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2651.pdf>.
- [74] Merelo JJ, García AM, Laredo JLJ, Lupión J, Tricas F. Browser-based distributed evolutionary computation: performance and scaling behavior. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2851-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2851.pdf>.
- [75] Mendiburu A, Santana R, Lozano JA, Bengoetxea E. A parallel framework for loopy belief propagation. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2843-50. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2843.pdf>.
- [76] Hidalgo JI, Lanchares J, de Vega FF, Daniel Lombra n. Is the island model fault tolerant? In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2737-44. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2737.pdf>.
- [77] Eiben EA, Schoenauer M, Laredo JLJ, Castillo PA, Mora AM, Merelo JJ. Exploring selection mechanisms for an agent-based distributed evolutionary algorithm. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2801-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2801.pdf>.
- [78] Muntean O. Genetically designed heuristics for the bin packing problem. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2869-70. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2869.pdf>.
- [79] Cetinkaya A. Regular expression generation through grammatical evolution. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2643-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2643.pdf>.
- [80] Kowall CA, Krent BJ. A simulation of evolved autotrophic reproduction. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2781-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2781.pdf>.
- [81] Wolk MH. GAINS: genetic algorithms for increasing net sales of a mobile reverse demand communication system. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2961-4. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2961.pdf>.

- [82] Keles A. Binary differential evolution for the unit commitment problem. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2765-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2765.pdf>.
- [83] Cook TE. GAUGUIN: generating art using genetic algorithms and user input naturally. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2647-50. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2647.pdf>.
- [84] Harrington KI. Predicting reactions from amino acid sequences in *S. cerevisiae*: an evolutionary computation approach. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2725-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2725.pdf>.
- [85] Machwe AT, Parmee IC. Supporting free-form design using a component based representation: an overview. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2821-4. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2821.pdf>.
- [86] Moshaiov A, Avigad G. Concept-based multi-objective problems and their solution by EC. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2865-8. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2865.pdf>.
- [87] Pallez D, Collard P, Baccino T, Dumercy L. Eye-tracking evolutionary algorithm to minimize user fatigue in IEC applied to interactive one-max problem. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2883-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2883.pdf>.
- [88] Brintrup AM, Takagi H. The effect of user interaction mechanisms in multi-objective IGA. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2629-32. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2629.pdf>.
- [89] Shackelford MRN. Implementation issues for an interactive evolutionary computation system. In: Yu T, editor. Genetic and Evolutionary Computation Conference (GECCO2007) workshop program. London, United Kingdom: ACM Press; 2007. p. 2933-6. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p2933.pdf>.
- [90] Bartz-Beielstein T, Preuss M. Experimental research in evolutionary computation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3001-20. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3001.pdf>.
- [91] Borenstein Y. An information perspective on evolutionary computation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3021-34. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3021.pdf>.
- [92] Butz MV. Learning classifier systems. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3035-56. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3035.pdf>.
- [93] Coello Coello CA. Constraint-handling techniques used with evolutionary algorithms. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3057-77. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3057.pdf>.



- [94] Cotta C, Merelo-Guervós JJ. Complex networks and evolutionary computation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3078-92. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3078.pdf>.
- [95] Deb K. Evolutionary practical optimization. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3093-132. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3093.pdf>.
- [96] de Jong ED, Stanley KO, Wiegand RP. Introductory tutorial on coevolution. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3133-57. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3133.pdf>.
- [97] De Jong K. Evolutionary computation: a unified approach. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3158-71. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3158.pdf>.
- [98] Ficici SG, Bucci A. Advanced tutorial on coevolution. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3172-204. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3172.pdf>.
- [99] Goodman ED. Introduction to genetic algorithms. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3205-24. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3205.pdf>.
- [100] Jansen T, Neumann F. Computational complexity and evolutionary computation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3225-50. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3225.pdf>.
- [101] Merelo JJ, Laredo JLJ. Distributed evolutionary computation for fun and profit. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3251-66. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3251.pdf>.
- [102] Khosla A. Particle swarm optimization for fuzzy models. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3283-96. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3283.pdf>.
- [103] Kordon AK, Smits GF, Kotanchek ME. Industrial evolutionary computing. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3297-322. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3297.pdf>.
- [104] Koza JR. Introduction to genetic programming. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3323-65. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3323.pdf>.
- [105] Kumar R. Evolutionary multiobjective combinatorial optimization. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3366-90. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3366.pdf>.

- [106] Li X, Engelbrecht AP. Particle swarm optimization: an introduction and its recent developments. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3391-414. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3391.pdf>.
- [107] Miiikkulainen R. Evolving neural networks. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3415-34. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3415.pdf>.
- [108] Moore JH. Bioinformatics. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3435-57. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3435.pdf>.
- [109] Olague G. Evolutionary computer vision. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3458-507. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3458.pdf>.
- [110] Parmee IC. Evolutionary design search, exploration and optimisation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3508-36. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3508.pdf>.
- [111] Pelikan M. Probabilistic model-building genetic algorithms. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3537-62. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3537.pdf>.
- [112] Poli R, Langdon WB. Genetic programming theory. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3563-84. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3563.pdf>.
- [113] Rowe JE. Genetic algorithm theory. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3585-608. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3585.pdf>.
- [114] Ryan CM. Grammatical evolution. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3609-26. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3609.pdf>.
- [115] Sekanina L. Evolvable hardware. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3627-44. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3627.pdf>.
- [116] Spector L. Quantum computing. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3645-74. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3645.pdf>.
- [117] Tomassini M. Evolutionary games: the Darwin connection. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3675-89. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3675.pdf>.

- [118] Vanneschi L, Verel S. Fitness landscapes and problem hardness in evolutionary computation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3690-733. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3690.pdf>.
- [119] Vose MD, Whitley LD. No free lunch. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3734-64. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3734.pdf>.
- [120] Wineberg M, Christensen S. An introduction to statistical analysis for evolutionary computation. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3765-91. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3765.pdf>.
- [121] Zitzler E, Deb K. Evolutionary multiobjective optimization. In: Ekart A, editor. Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations. London, United Kingdom: ACM Press; 2007. p. 3792-809. Available from: <http://www.cs.bham.ac.uk/~wbl/biblio/gecco2007/docs/p3792.pdf>.