# Список литературы

[1] Z. Bai and Q. Lv, A leader-based parallel cross entropy algorithm for MCP, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2401–2406, London, United Kingdom, 7-11 July 2007, ACM Press.

[2] M. Bhattacharya, Expensive optimization, uncertain environment: an EA-based solution, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2407–2414, London, United Kingdom, 7-11 July 2007, ACM Press.

[3] F. Binard and A. Felty, An abstraction-based genetic programming system, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2415–2422, London, United Kingdom, 7-11 July 2007, ACM Press.

[4] A. E. I. Brownlee, J. A. W. McCall, and D. F. Brown, Solving the MAXSAT problem using a multivariate EDA based on Markov networks, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2423–2428, London, United Kingdom, 7-11 July 2007, ACM Press.

[5] E. L. Byrne, Optimising the flow of experiments to a robot scientist with multi-objective evolutionary algorithms, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2429–2436, London, United Kingdom, 7-11 July 2007, ACM Press.

[6] F. de Boer and P. Hogeweg, The role of speciation in spatial coevolutionary function approximation, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2437–2441, London, United Kingdom, 7-11 July 2007, ACM Press.

[7] L. S. Diosan and M. Oltean, Evolving evolutionary algorithms using evolutionary algorithms, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2442–2449, London, United Kingdom, 7-11 July 2007, ACM Press.

[8] S. R. DiPaola and L. Gabora, Incorporating characteristics of human creativity into an evolutionary art algorithm, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2450–2456, London, United Kingdom, 7-11 July 2007, ACM Press.

[9] A. Ekárt, Evolution of lace knitting stitch patterns by genetic programming, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2457–2461, London, United Kingdom, 7-11 July 2007, ACM Press.

[10] M. M. H. Ellabaan, Activation energy-based simulation for self-assembly of multi-shape tiles, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2462–2467, London, United Kingdom, 7-11 July 2007, ACM Press.

[11] A. M. Farley, Choice and development, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2468–2474, London, United Kingdom, 7-11 July 2007, ACM Press.

[12] F. Z. Hadjam, C. Moraga, and M. Benmohamed, Cluster-based evolutionary design of digital circuits using all improved multi-expression programming, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2475–2482, London, United Kingdom, 7-11 July 2007, ACM Press.

[13] J. A. Hilder and A. M. Tyrrell, An evolutionary platform for developing next-generation electronic circuits, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2483–2488, London, United Kingdom, 7-11 July 2007, ACM Press.

[14] M. I. Hosny and C. L. Mumford, Single vehicle pickup and delivery with time windows: made to measure genetic encoding and operators, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2489–2496, London, United Kingdom, 7-11 July 2007, ACM Press.

[15] D. Iclănzan, Crossover: the divine afflatus in search, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2497–2502, London, United Kingdom, 7-11 July 2007, ACM Press.

[16] C. Z. Janikow, Evolving problem heuristics with on-line ACGP, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2503–2508, London, United Kingdom, 7-11 July 2007, ACM Press.

[17] A. E. Kanlikilicer, A. Keles, and A. S. Uyar, Experimental analysis of binary differential evolution in dynamic environments, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2509–2514, London, United Kingdom, 7-11 July 2007, ACM Press.

[18] S. A. Kayani and M. A. Malik, Combining bond-graphs with genetic programming for unified/automated design of mechatronic or multi domain dynamic systems, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2515–2518, London, United Kingdom, 7-11 July 2007, ACM Press.

[19] Y. M. A. Khalifa, B. K. Khan, J. Begovic, A. Wisdom, and A. M. Wheeler, Evolutionary music composer integrating formal grammar, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2519–2526, London, United Kingdom, 7-11 July 2007, ACM Press.

[20] Y. M. Khalifa, B. K. Khan, and F. Taha, Multi-objective optimization tool for a free structure analog circuits design using genetic algorithms and incorporating parasitics, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2527–2534, London, United Kingdom, 7-11 July 2007, ACM Press.

[21] G. M. Khan, J. F. Miller, and D. M. Halliday, A developmental model of neural computation using cartesian genetic programming, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2535–2542, London, United Kingdom, 7-11 July 2007, ACM Press.

[22] S. Khor, On solving hierarchical problems with top down control, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2543–2548, London, United Kingdom, 7-11 July 2007, ACM Press.

[23] S. Manos, M. C. J. Large, and L. Poladian, Evolutionary design of single-mode microstructured polymer optical fibres using an artificial embryogeny representation, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2549–2556, London, United Kingdom, 7-11 July 2007, ACM Press.

[24] J. L. Payne and M. J. Eppstein, Using pair approximations to predict takeover dynamics in spatially structured populations, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2557–2564, London, United Kingdom, 7-11 July 2007, ACM Press.

[25] E. Ricalde and K. R. Vázquez, A GP neutral function for the artificial ANT problem, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2565–2571, London, United Kingdom, 7-11 July 2007, ACM Press.

[26] A. Shmygelska, An extremal optimization search method for the protein folding problem: the go-model example, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2572–2579, London, United Kingdom, 7-11 July 2007, ACM Press.

[27] J. J. Valdes and A. J. Barton, Computational intelligence techniques: a study of scleroderma skin disease, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2580–2587, London, United Kingdom, 7-11 July 2007, ACM Press.

[28] Z. Yin, A. Brabazon, and C. O'Sullivan, Adaptive genetic programming for option pricing, in *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, edited by P. A. N. Bosman, pages 2588–2594, London, United Kingdom, 7-11 July 2007, ACM Press.

[29] M. R. Peterson, G. B. Lamont, F. Moore, and P. Marshall, A satellite image set for the evolution of image transforms for defense applications, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2901–2906, London, United Kingdom, 7-11 July 2007, ACM Press.

[30] A. M. Mora, J. J. Merelo, J. L. Jiménez, P. A. Castillo, C. Millán, and J. Torrecillas, Balancing safety and speed in the military path finding problem: analysis of different ACO algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2859–2864, London, United Kingdom, 7-11 July 2007, ACM Press.

[31] R. M. Patton and T. E. Potok, Discovering event evidence amid massive, dynamic datasets, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2895–2900, London, United Kingdom, 7-11 July 2007, ACM Press.

[32] B. J. Babb, Evolved transforms surpass the FBI wavelet for improved fingerprint compression and reconstruction, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2603–2606, London, United Kingdom, 7-11 July 2007, ACM Press.

[33] C. R. Haag, G. B. Lamont, P. D. Williams, and G. L. Peterson, An artificial immune system-inspired multiobjective evolutionary algorithm with application to the detection of distributed computer network intrusions, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2717–2724, London, United Kingdom, 7-11 July 2007, ACM Press.

[34] E. Le Martelot, P. J. Bentley, and R. B. Lotto, A systemic computation platform for the modelling and analysis of processes with natural characteristics, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2809–2816, London, United Kingdom, 7-11 July 2007, ACM Press.

[35] M. Affenzeller, S. Wagner, and S. Winkler, Aspects of adaptation in natural and artificial evolution, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2595–2602, London, United Kingdom, 7-11 July 2007, ACM Press.

[36] H. Shayani and P. J. Bentley, A more bio-plausible approach to the evolutionary inference of finite state machines, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2937–2944, London, United Kingdom, 7-11 July 2007, ACM Press.

[37] E. F. G. Goldbarg, M. C. Goldbarg, and L. B. Bagi, Transgenetic algorithm: a new evolutionary perspective for heuristics design, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2701–2708, London, United Kingdom, 7-11 July 2007, ACM Press.

[38] T. Yu, Program evolvability under environmental variations and neutrality, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2973–2978, London, United Kingdom, 7-11 July 2007, ACM Press.

[39] R. I. Lung and D. Dumitrescu, A new collaborative evolutionary-swarm optimization technique, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2817–2820, London, United Kingdom, 7-11 July 2007, ACM Press.

[40] A. M. Campbell and A. S. Wu, Learning and exploiting knowledge in multi-agent task allocation problems, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2637–2642, London, United Kingdom, 7-11 July 2007, ACM Press.

[41] G. Bel-Enguix and M. D. Jimenez-Lopez, Agent-environment interaction in a multi-agent system: a formal model, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2607–2612, London, United Kingdom, 7-11 July 2007, ACM Press.

[42] D. Malkin and R. B. Lotto, Evolutionary benefits of evolvable component integration, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2825–2830, London, United Kingdom, 7-11 July 2007, ACM Press.

[43] M. S. Pita and F. B. L. Neto, Simulations of egoistic and altruistic behaviors using the vidya multiagent system platform, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2927–2932, London, United Kingdom, 7-11 July 2007, ACM Press.

[44] W. Pang and G. M. Coghill, Modified clonal selection algorithm for learning qualitative compartmental models of metabolic systems, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2887–2894, London, United Kingdom, 7-11 July 2007, ACM Press.

[45] M. Khoury, F. Guerin, and G. M. Coghill, Learning dynamic models of compartment systems by combining symbolic regression with fuzzy vector envisionment, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2769–2776, London, United Kingdom, 7-11 July 2007, ACM Press.

[46] D. M. Ellin and S. J. Flockton, Analysing evolvable cell design for optimisation of routing options, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2687–2694, London, United Kingdom, 7-11 July 2007, ACM Press.

[47] R. L. Becerra and C. A. Coello Coello, Epsilon-constraint with an efficient cultured differential evolution, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2787–2794, London, United Kingdom, 7-11 July 2007, ACM Press.

[48] L. Martí, J. García, A. Berlanga, and J. M. Molina, A cumulative evidential stopping criterion for multiobjective optimization evolutionary algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2835–2842, London, United Kingdom, 7-11 July 2007, ACM Press.

[49] G. Reis and F. Vega, A novel approach to automatic music transcription using electronic synthesis and genetic algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2915–2922, London, United Kingdom, 7-11 July 2007, ACM Press.

[50] J. Drugowitsch and A. M. Barry, A principled foundation for LCS, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2675–2680, London, United Kingdom, 7-11 July 2007, ACM Press.

[51] L. Bull, On lookahead and latent learning in simple LCS, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2633–2636, London, United Kingdom, 7-11 July 2007, ACM Press.

[52] A. Orriols-Puig, E. Bernadó-Mansilla, K. Sastry, and D. E. Goldberg, Substructrual surrogates for learning decomposable classification problems: implementation and first results, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2875–2882, London, United Kingdom, 7-11 July 2007, ACM Press.

[53] A. Orriols-Puig, J. Casillas, and E. Bernadó-Mansilla, Fuzzy-UCS: preliminary results, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2871–2874, London, United Kingdom, 7-11 July 2007, ACM Press.

[54] T. Kovacs and L. Bull, Toward a better understanding of rule initialisation and deletion, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2777–2780, London, United Kingdom, 7-11 July 2007, ACM Press.

[55] P. L. Lanzi, S. Rocca, and S. Solari, An approach to analyze the evolution of symbolic conditions in learning classifier systems, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2795–2800, London, United Kingdom, 7-11 July 2007, ACM Press.

[56] N. Richard, S. Tardieu, and S. Yamada, Cascaded generic XCS to learn about reminding preferences, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2923–2926, London, United Kingdom, 7-11 July 2007, ACM Press.

[57] R. E. Smith and M. K. Jiang, MILCS: a mutual information learning classifier system, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2945–2952, London, United Kingdom, 7-11 July 2007, ACM Press.

[58] M. Gershoff and S. Schulenburg, Collective behavior based hierarchical XCS, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2695–2700, London, United Kingdom, 7-11 July 2007, ACM Press.

[59] S. Y. B. Wong and S. Schulenburg, Portfolio allocation using XCS experts in technical analysis, market conditions and options market, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2965–2972, London, United Kingdom, 7-11 July 2007, ACM Press.

[60] J. A. R. Marshall, G. Brown, and T. Kovacs, Bayesian estimation of rule accuracy in UCS, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2831–2834, London, United Kingdom, 7-11 July 2007, ACM Press.

[61] W. N. Browne and C. Ioannides, Investigating scaling of an abstracted LCS utilising ternary and s-expression alphabets, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2759–2764, London, United Kingdom, 7-11 July 2007, ACM Press.

[62] G. A. Harrison and E. W. Worden, Genetically programmed learning classifier system description and results, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2729–2736, London, United Kingdom, 7-11 July 2007, ACM Press.

[63] J. J. Valdes, R. Orchard, and A. J. Barton, Exploring medical data using visual spaces with genetic programming and implicit functional mappings, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2953–2960, London, United Kingdom, 7-11 July 2007, ACM Press.

[64] L. Dumas and L. El Alaoui, How genetic algorithms can improve a pacemaker efficiency, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2681–2686, London, United Kingdom, 7-11 July 2007, ACM Press.

[65] D. M. Howard, A. M. Tyrrell, and C. Cooper, Evolution of adult male oral tract shapes for close and open vowels, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2751–2758, London, United Kingdom, 7-11 July 2007, ACM Press.

[66] J. Ha, J. Eom, S. Kim, and B. T. Zhang, Evolutionary hypernetwork models for aptamer-based cardiovascular disease diagnosis, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2709–2716, London, United Kingdom, 7-11 July 2007, ACM Press.

[67] R. Poli, On the moments of the sampling distribution of particle swarm optimisers, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2907–2914, London, United Kingdom, 7-11 July 2007, ACM Press.

[68] T. Blackwell and D. Bratton, Origin of bursts, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2613–2620, London, United Kingdom, 7-11 July 2007, ACM Press.

[69] L. Diosan and M. Oltean, Observing the swarm behaviour during its evolutionary design, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2667–2674, London, United Kingdom, 7-11 July 2007, ACM Press.

[70] D. Bratton and T. Blackwell, Understanding particle swarms through simplification: a study of recombinant PSO, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2621–2628, London, United Kingdom, 7-11 July 2007, ACM Press.

[71] C. Di Chio, A. Moraglio, and R. Poli, Geometric particle swarm optimisation on binary and real spaces: from theory to practice, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2659–2666, London, United Kingdom, 7-11 July 2007, ACM Press.

[72] N. P. Holden and A. A. Freitas, A hybrid PSO/ACO algorithm for classification, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2745–2750, London, United Kingdom, 7-11 July 2007, ACM Press.

[73] E. S. Correa, A. A. Freitas, and C. G. Johnson, Particle swarm and bayesian networks applied to attribute selection for protein functional classification, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2651–2658, London, United Kingdom, 7-11 July 2007, ACM Press.

[74] J. J. Merelo, A. M. García, J. L. J. Laredo, J. Lupión, and F. Tricas, Browser-based distributed evolutionary computation: performance and scaling behavior, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2851–2858, London, United Kingdom, 7-11 July 2007, ACM Press.

[75] A. Mendiburu, R. Santana, J. A. Lozano, and E. Bengoetxea, A parallel framework for loopy belief propagation, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2843–2850, London, United Kingdom, 7-11 July 2007, ACM Press.

[76] J. I. Hidalgo, J. Lanchares, F. F. de Vega, and n. Daniel Lombra Is the island model fault tolerant?, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2737–2744, London, United Kingdom, 7-11 July 2007, ACM Press.

[77] E. A. Eiben, M. Schoenauer, J. L. J. Laredo, P. A. Castillo, A. M. Mora, and J. J. Merelo, Exploring selection mechanisms for an agent-based distributed evolutionary algorithm, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2801–2808, London, United Kingdom, 7-11 July 2007, ACM Press.

[78] O. Muntean, Genetically designed heuristics for the bin packing problem, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2869–2870, London, United Kingdom, 7-11 July 2007, ACM Press.

[79] A. Cetinkaya, Regular expression generation through grammatical evolution, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2643–2646, London, United Kingdom, 7-11 July 2007, ACM Press.

[80] C. A. Kowall and B. J. Krent, A simulation of evolved autotrophic reproduction, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2781–2786, London, United Kingdom, 7-11 July 2007, ACM Press.

[81] M. H. Wolk, GAINS: genetic algorithms for increasing net sales of a mobile reverse demand communication system, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2961–2964, London, United Kingdom, 7-11 July 2007, ACM Press.

[82] A. Keles, Binary differential evolution for the unit commitment problem, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2765–2768, London, United Kingdom, 7-11 July 2007, ACM Press.

[83] T. E. Cook, GAUGUIN: generating art using genetic algorithms and user input naturally, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2647–2650, London, United Kingdom, 7-11 July 2007, ACM Press.

[84] K. I. Harrington, Predicting reactions from amino acid sequences in S. cerevisiae: an evolutionary computation approach, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2725–2728, London, United Kingdom, 7-11 July 2007, ACM Press.

[85] A. T. Machwe and I. C. Parmee, Supporting free-form design using a component based representation: an overview, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2821–2824, London, United Kingdom, 7-11 July 2007, ACM Press.

[86] A. Moshaiov and G. Avigad, Concept-based multi-objective problems and their solution by EC, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2865–2868, London, United Kingdom, 7-11 July 2007, ACM Press.

[87] D. Pallez, P. Collard, T. Baccino, and L. Dumercy, Eye-tracking evolutionary algorithm to minimize user fatigue in IEC applied to interactive one-max problem, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2883–2886, London, United Kingdom, 7-11 July 2007, ACM Press.

[88] A. M. Brintrup and H. Takagi, The effect of user interaction mechanisms in multi-objective IGA, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2629–2632, London, United Kingdom, 7-11 July 2007, ACM Press.

[89] M. R. N. Shackelford, Implementation issues for an interactive evolutionary computation system, in *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, edited by T. Yu, pages 2933–2936, London, United Kingdom, 7-11 July 2007, ACM Press.

[90] T. Bartz-Beielstein and M. Preuss, Experimental research in evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3001–3020, London, United Kingdom, 7-11 July 2007, ACM Press.

[91] Y. Borenstein, An information perspective on evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3021–3034, London, United Kingdom, 7-11 July 2007, ACM Press.

[92] M. V. Butz, Learning classifier systems, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3035–3056, London, United Kingdom, 7-11 July 2007, ACM Press.

[93] C. A. Coello Coello, Constraint-handling techniques used with evolutionary algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3057–3077, London, United Kingdom, 7-11 July 2007, ACM Press.

[94] C. Cotta and J. J. Merelo-Guervós, Complex networks and evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3078–3092, London, United Kingdom, 7-11 July 2007, ACM Press.

[95] K. Deb, Evolutionary practical optimization, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3093–3132, London, United Kingdom, 7-11 July 2007, ACM Press.

[96] E. D. de Jong, K. O. Stanley, and R. P. Wiegand, Introductory tutorial on coevolution, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3133–3157, London, United Kingdom, 7-11 July 2007, ACM Press.

[97] K. De Jong, Evolutionary computation: a unified approach, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3158–3171, London, United Kingdom, 7-11 July 2007, ACM Press.

[98] S. G. Ficici and A. Bucci, Advanced tutorial on coevolution, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3172–3204, London, United Kingdom, 7-11 July 2007, ACM Press.

[99] E. D. Goodman, Introduction to genetic algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3205–3224, London, United Kingdom, 7-11 July 2007, ACM Press.

[100] T. Jansen and F. Neumann, Computational complexity and evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3225–3250, London, United Kingdom, 7-11 July 2007, ACM Press.

[101] J. J. Merelo and J. L. J. Laredo, Distributed evolutionary computation for fun and profit, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3251–3266, London, United Kingdom, 7-11 July 2007, ACM Press.

[102] A. Khosla, Particle swarm optimization for fuzzy models, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3283–3296, London, United Kingdom, 7-11 July 2007, ACM Press.

[103] A. K. Kordon, G. F. Smits, and M. E. Kotanchek, Industrial evolutionary computing, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3297–3322, London, United Kingdom, 7-11 July 2007, ACM Press.

[104] J. R. Koza, Introduction to genetic programming, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3323–3365, London, United Kingdom, 7-11 July 2007, ACM Press.

[105] R. Kumar, Evolutionary multiobjective combinatorial optimization, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3366–3390, London, United Kingdom, 7-11 July 2007, ACM Press.

[106] X. Li and A. P. Engelbrecht, Particle swarm optimization: an introduction and its recent developments, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3391–3414, London, United Kingdom, 7-11 July 2007, ACM Press.

[107] R. Miikkulainen, Evolving neural networks, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3415–3434, London, United Kingdom, 7-11 July 2007, ACM Press.

[108] J. H. Moore, Bioinformatics, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3435–3457, London, United Kingdom, 7-11 July 2007, ACM Press.

[109] G. Olague, Evolutionary computer vision, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3458–3507, London, United Kingdom, 7-11 July 2007, ACM Press.

[110] I. C. Parmee, Evolutionary design search, exploration and optimisation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3508–3536, London, United Kingdom, 7-11 July 2007, ACM Press.

[111] M. Pelikan, Probabilistic model-building genetic algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3537–3562, London, United Kingdom, 7-11 July 2007, ACM Press.

[112] R. Poli and W. B. Langdon, Genetic programming theory, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3563–3584, London, United Kingdom, 7-11 July 2007, ACM Press.

[113] J. E. Rowe, Genetic algorithm theory, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3585–3608, London, United Kingdom, 7-11 July 2007, ACM Press.

[114] C. M. Ryan, Grammatical evolution, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3609–3626, London, United Kingdom, 7-11 July 2007, ACM Press.

[115] L. Sekanina, Evolvable hardware, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3627–3644, London, United Kingdom, 7-11 July 2007, ACM Press.

[116] L. Spector, Quantum computing, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3645–3674, London, United Kingdom, 7-11 July 2007, ACM Press.

[117] M. Tomassini, Evolutionary games: the Darwin connection, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3675–3689, London, United Kingdom, 7-11 July 2007, ACM Press.

[118] L. Vanneschi and S. Verel, Fitness landscapes and problem hardness in evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3690–3733, London, United Kingdom, 7-11 July 2007, ACM Press.

[119] M. D. Vose and L. D. Whitley, No free lunch, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3734–3764, London, United Kingdom, 7-11 July 2007, ACM Press.

[120] M. Wineberg and S. Christensen, An introduction to statistical analysis for evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3765–3791, London, United Kingdom, 7-11 July 2007, ACM Press.

[121] E. Zitzler and K. Deb, Evolutionary multiobjective optimization, in *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, edited by A. Ekart, pages 3792–3809, London, United Kingdom, 7-11 July 2007, ACM Press.