

Список литературы

- [1] Bai Z, Lv Q. 2007 A leader-based parallel cross entropy algorithm for mcp. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2401–2406. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274002).
- [2] Bhattacharya M. 2007 Expensive optimization, uncertain environment: an ea-based solution. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2407–2414. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274003).
- [3] Binard F, Felty A. 2007 An abstraction-based genetic programming system. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2415–2422. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274004).
- [4] Brownlee AEI, McCall JAW, Brown DF. 2007 Solving the maxsat problem using a multivariate eda based on markov networks. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2423–2428. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274005).
- [5] Byrne EL. 2007 Optimising the flow of experiments to a robot scientist with multi-objective evolutionary algorithms. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2429–2436. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274006).
- [6] de Boer F, Hogeweg P. 2007 The role of speciation in spatial coevolutionary function approximation. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2437–2441. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274007).
- [7] Diosan LS, Oltean M. 2007 Evolving evolutionary algorithms using evolutionary algorithms. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2442–2449. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274008).
- [8] DiPaola SR, Gabora L. 2007 Incorporating characteristics of human creativity into an evolutionary art algorithm. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2450–2456. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274009).
- [9] Ekárt A. 2007 Evolution of lace knitting stitch patterns by genetic programming. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2457–2461. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274010).
- [10] Ellabaan MMH. 2007 Activation energy-based simulation for self-assembly of multi-shape tiles. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2462–2467. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274011).
- [11] Farley AM. 2007 Choice and development. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2468–2474. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274012).
- [12] Hadjam FZ, Moraga C, Benmohamed M. 2007 Cluster-based evolutionary design of digital circuits using all improved multi-expression programming. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2475–2482. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274013).

- [13] Hilder JA, Tyrrell AM. 2007 An evolutionary platform for developing next-generation electronic circuits. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2483–2488. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274014).
- [14] Hosny MI, Mumford CL. 2007 Single vehicle pickup and delivery with time windows: made to measure genetic encoding and operators. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2489–2496. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274015).
- [15] Iclănzan D. 2007 Crossover: the divine afflatus in search. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2497–2502. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274016).
- [16] Janikow CZ. 2007 Evolving problem heuristics with on-line acgp. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2503–2508. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274017).
- [17] Kanlikilicer AE, Keles A, Uyar AS. 2007 Experimental analysis of binary differential evolution in dynamic environments. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2509–2514. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274018).
- [18] Kayani SA, Malik MA. 2007 Combining bond-graphs with genetic programming for unified/automated design of mechatronic or multi domain dynamic systems. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2515–2518. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274019).
- [19] Khalifa YMA, Khan BK, Begovic J, Wisdom A, Wheeler AM. 2007 Evolutionary music composer integrating formal grammar. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2519–2526. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274020).
- [20] Khalifa YM, Khan BK, Taha F. 2007 Multi-objective optimization tool for a free structure analog circuits design using genetic algorithms and incorporating parasitics. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2527–2534. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274021).
- [21] Khan GM, Miller JF, Halliday DM. 2007 A developmental model of neural computation using cartesian genetic programming. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2535–2542. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274022).
- [22] Khor S. 2007 On solving hierarchical problems with top down control. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2543–2548. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274023).
- [23] Manos S, Large MCJ, Poladian L. 2007 Evolutionary design of single-mode microstructured polymer optical fibres using an artificial embryogeny representation. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2549–2556. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274024).
- [24] Payne JL, Eppstein MJ. 2007 Using pair approximations to predict takeover dynamics in spatially structured populations. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2557–2564. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274025).
- [25] Ricalde E, Vázquez KR. 2007 A gp neutral function for the artificial ant problem. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2565–2571. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274026).

- [26] Shmygelska A. 2007 An extremal optimization search method for the protein folding problem: the go-model example. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2572–2579. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274027).
- [27] Valdes JJ, Barton AJ. 2007 Computational intelligence techniques: a study of scleroderma skin disease. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2580–2587. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274028).
- [28] Yin Z, Brabazon A, O'Sullivan C. 2007 Adaptive genetic programming for option pricing. In: Bosman PAN (ed.), *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2588–2594. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274029).
- [29] Peterson MR, Lamont GB, Moore F, Marshall P. 2007 A satellite image set for the evolution of image transforms for defense applications. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2901–2906. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274031).
- [30] Mora AM, Merelo JJ, Jiménez JL, Castillo PA, Millán C, Torrecillas J. 2007 Balancing safety and speed in the military path finding problem: analysis of different aco algorithms. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2859–2864. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274032).
- [31] Patton RM, Potok TE. 2007 Discovering event evidence amid massive, dynamic datasets. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2895–2900. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274033).
- [32] Babb BJ. 2007 Evolved transforms surpass the fbi wavelet for improved fingerprint compression and reconstruction. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2603–2606. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274034).
- [33] Haag CR, Lamont GB, Williams PD, Peterson GL. 2007 An artificial immune system-inspired multiobjective evolutionary algorithm with application to the detection of distributed computer network intrusions. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2717–2724. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274035).
- [34] Le Martelot E, Bentley PJ, Lotto RB. 2007 A systemic computation platform for the modelling and analysis of processes with natural characteristics. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2809–2816. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274037).
- [35] Affenzeller M, Wagner S, Winkler S. 2007 Aspects of adaptation in natural and artificial evolution. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2595–2602. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274038).
- [36] Shayani H, Bentley PJ. 2007 A more bio-plausible approach to the evolutionary inference of finite state machines. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2937–2944. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274039).
- [37] Goldbarg EFG, Goldbarg MC, Bagi LB. 2007 Transgenetic algorithm: a new evolutionary perspective for heuristics design. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2701–2708. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274040).

- [38] Yu T. 2007 Program evolvability under environmental variations and neutrality. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2973–2978. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274041).
- [39] Lung RI, Dumitrescu D. 2007 A new collaborative evolutionary-swarm optimization technique. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2817–2820. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274043).
- [40] Campbell AM, Wu AS. 2007 Learning and exploiting knowledge in multi-agent task allocation problems. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2637–2642. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274044).
- [41] Bel-Enguix G, Jimenez-Lopez MD. 2007 Agent-environment interaction in a multi-agent system: a formal model. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2607–2612. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274045).
- [42] Malkin D, Lotto RB. 2007 Evolutionary benefits of evolvable component integration. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2825–2830. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274046).
- [43] Pita MS, Neto FBL. 2007 Simulations of egoistic and altruistic behaviors using the vidya multiagent system platform. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2927–2932. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274047).
- [44] Pang W, Coghill GM. 2007 Modified clonal selection algorithm for learning qualitative compartmental models of metabolic systems. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2887–2894. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274049).
- [45] Khoury M, Guerin F, Coghill GM. 2007 Learning dynamic models of compartment systems by combining symbolic regression with fuzzy vector envisionment. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2769–2776. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274050).
- [46] Ellin DM, Flockton SJ. 2007 Analysing evolvable cell design for optimisation of routing options. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2687–2694. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274051).
- [47] Becerra RL, Coello Coello CA. 2007 Epsilon-constraint with an efficient cultured differential evolution. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2787–2794. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274052).
- [48] Martí L, García J, Berlanga A, Molina JM. 2007 A cumulative evidential stopping criterion for multiobjective optimization evolutionary algorithms. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2835–2842. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274053).
- [49] Reis G, Vega F. 2007 A novel approach to automatic music transcription using electronic synthesis and genetic algorithms. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2915–2922. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274054).
- [50] Drugowitsch J, Barry AM. 2007 A principled foundation for lcs. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2675–2680. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274056).

- [51] Bull L. 2007 On lookahead and latent learning in simple lcs. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2633–2636. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274057).
- [52] Orriols-Puig A, Bernadó-Mansilla E, Sastry K, Goldberg DE. 2007 Substructural surrogates for learning decomposable classification problems: implementation and first results. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2875–2882. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274058).
- [53] Orriols-Puig A, Casillas J, Bernadó-Mansilla E. 2007 Fuzzy-ucs: preliminary results. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2871–2874. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274059).
- [54] Kovacs T, Bull L. 2007 Toward a better understanding of rule initialisation and deletion. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2777–2780. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274060).
- [55] Lanzi PL, Rocca S, Solari S. 2007 An approach to analyze the evolution of symbolic conditions in learning classifier systems. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2795–2800. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274061).
- [56] Richard N, Tardieu S, Yamada S. 2007 Cascaded generic xcs to learn about reminding preferences. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2923–2926. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274062).
- [57] Smith RE, Jiang MK. 2007 Milcs: a mutual information learning classifier system. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2945–2952. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274063).
- [58] Gershoff M, Schulenburg S. 2007 Collective behavior based hierarchical xcs. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2695–2700. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274064).
- [59] Wong SYB, Schulenburg S. 2007 Portfolio allocation using xcs experts in technical analysis, market conditions and options market. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2965–2972. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274065).
- [60] Marshall JAR, Brown G, Kovacs T. 2007 Bayesian estimation of rule accuracy in ucs. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2831–2834. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274066).
- [61] Browne WN, Ioannides C. 2007 Investigating scaling of an abstracted lcs utilising ternary and s-expression alphabets. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2759–2764. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274067).
- [62] Harrison GA, Worden EW. 2007 Genetically programmed learning classifier system description and results. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2729–2736. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274068).
- [63] Valdes JJ, Orchard R, Barton AJ. 2007 Exploring medical data using visual spaces with genetic programming and implicit functional mappings. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2953–2960. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274070).

- [64] Dumas L, El Alaoui L. 2007 How genetic algorithms can improve a pacemaker efficiency. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2681–2686. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274071).
- [65] Howard DM, Tyrrell AM, Cooper C. 2007 Evolution of adult male oral tract shapes for close and open vowels. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2751–2758. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274072).
- [66] Ha J, Eom J, Kim S, Zhang BT. 2007 Evolutionary hypernetwork models for aptamer-based cardiovascular disease diagnosis. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2709–2716. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274073).
- [67] Poli R. 2007 On the moments of the sampling distribution of particle swarm optimisers. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2907–2914. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274075).
- [68] Blackwell T, Bratton D. 2007 Origin of bursts. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2613–2620. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274076).
- [69] Diosan L, Oltean M. 2007 Observing the swarm behaviour during its evolutionary design. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2667–2674. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274077).
- [70] Bratton D, Blackwell T. 2007 Understanding particle swarms through simplification: a study of recombinant pso. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2621–2628. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274078).
- [71] Di Chio C, Moraglio A, Poli R. 2007 Geometric particle swarm optimisation on binary and real spaces: from theory to practice. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2659–2666. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274079).
- [72] Holden NP, Freitas AA. 2007 A hybrid pso/aco algorithm for classification. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2745–2750. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274080).
- [73] Correa ES, Freitas AA, Johnson CG. 2007 Particle swarm and bayesian networks applied to attribute selection for protein functional classification. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2651–2658. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274081).
- [74] Merelo JJ, García AM, Laredo JLJ, Lupión J, Tricas F. 2007 Browser-based distributed evolutionary computation: performance and scaling behavior. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2851–2858. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274083).
- [75] Mendiburu A, Santana R, Lozano JA, Bengoetxea E. 2007 A parallel framework for loopy belief propagation. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2843–2850. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274084).
- [76] Hidalgo JI, Lanchares J, de Vega FF, Daniel Lombra n. 2007 Is the island model fault tolerant? In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2737–2744. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274085).

- [77] Eiben EA, Schoenauer M, Laredo JLJ, Castillo PA, Mora AM, Merelo JJ. 2007 Exploring selection mechanisms for an agent-based distributed evolutionary algorithm. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2801–2808. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274086).
- [78] Muntean O. 2007 Genetically designed heuristics for the bin packing problem. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2869–2870. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274088).
- [79] Cetinkaya A. 2007 Regular expression generation through grammatical evolution. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2643–2646. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274089).
- [80] Kowall CA, Krent BJ. 2007 A simulation of evolved autotrophic reproduction. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2781–2786. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274090).
- [81] Wolk MH. 2007 Gains: genetic algorithms for increasing net sales of a mobile reverse demand communication system. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2961–2964. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274091).
- [82] Keles A. 2007 Binary differential evolution for the unit commitment problem. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2765–2768. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274092).
- [83] Cook TE. 2007 Gauguin: generating art using genetic algorithms and user input naturally. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2647–2650. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274093).
- [84] Harrington KI. 2007 Predicting reactions from amino acid sequences in *s. cerevisiae*: an evolutionary computation approach. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2725–2728. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274094).
- [85] Machwe AT, Parmee IC. 2007 Supporting free-form design using a component based representation: an overview. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2821–2824. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274096).
- [86] Moshaiov A, Avigad G. 2007 Concept-based multi-objective problems and their solution by ec. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2865–2868. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274097).
- [87] Pallez D, Collard P, Baccino T, Dumercy L. 2007 Eye-tracking evolutionary algorithm to minimize user fatigue in iec applied to interactive one-max problem. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2883–2886. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274098).
- [88] Brintrup AM, Takagi H. 2007 The effect of user interaction mechanisms in multi-objective iga. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2629–2632. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274099).
- [89] Shackelford MRN. 2007 Implementation issues for an interactive evolutionary computation system. In: Yu T (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2933–2936. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274100).

- [90] Bartz-Beielstein T, Preuss M. 2007 Experimental research in evolutionary computation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3001–3020. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274102).
- [91] Borenstein Y. 2007 An information perspective on evolutionary computation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3021–3034. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274103).
- [92] Butz MV. 2007 Learning classifier systems. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3035–3056. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274104).
- [93] Coello Coello CA. 2007 Constraint-handling techniques used with evolutionary algorithms. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3057–3077. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274105).
- [94] Cotta C, Merelo-Guervós JJ. 2007 Complex networks and evolutionary computation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3078–3092. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274106).
- [95] Deb K. 2007 Evolutionary practical optimization. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3093–3132. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274107).
- [96] de Jong ED, Stanley KO, Wiegand RP. 2007 Introductory tutorial on coevolution. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3133–3157. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274108).
- [97] De Jong K. 2007 Evolutionary computation: a unified approach. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3158–3171. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274109).
- [98] Ficici SG, Bucci A. 2007 Advanced tutorial on coevolution. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3172–3204. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274110).
- [99] Goodman ED. 2007 Introduction to genetic algorithms. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3205–3224. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274111).
- [100] Jansen T, Neumann F. 2007 Computational complexity and evolutionary computation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3225–3250. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274112).
- [101] Merelo JJ, Laredo JLJ. 2007 Distributed evolutionary computation for fun and profit. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3251–3266. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274113).
- [102] Khosla A. 2007 Particle swarm optimization for fuzzy models. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3283–3296. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274114).

- [103] Kordon AK, Smits GF, Kotanchek ME. 2007 Industrial evolutionary computing. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3297–3322. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274115).
- [104] Koza JR. 2007 Introduction to genetic programming. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3323–3365. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274116).
- [105] Kumar R. 2007 Evolutionary multiobjective combinatorial optimization. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3366–3390. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274117).
- [106] Li X, Engelbrecht AP. 2007 Particle swarm optimization: an introduction and its recent developments. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3391–3414. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274118).
- [107] Miiikulainen R. 2007 Evolving neural networks. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3415–3434. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274119).
- [108] Moore JH. 2007 Bioinformatics. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3435–3457. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274120).
- [109] Olague G. 2007 Evolutionary computer vision. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3458–3507. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274121).
- [110] Parmee IC. 2007 Evolutionary design search, exploration and optimisation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3508–3536. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274122).
- [111] Pelikan M. 2007 Probabilistic model-building genetic algorithms. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3537–3562. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274123).
- [112] Poli R, Langdon WB. 2007 Genetic programming theory. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3563–3584. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274124).
- [113] Rowe JE. 2007 Genetic algorithm theory. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3585–3608. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274125).
- [114] Ryan CM. 2007 Grammatical evolution. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3609–3626. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274126).
- [115] Sekanina L. 2007 Evolvable hardware. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3627–3644. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274127).
- [116] Spector L. 2007 Quantum computing. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3645–3674. London, United Kingdom: ACM Press. (doi:http://dx.doi.org/10.1145/1274000.1274128).

- [117] Tomassini M. 2007 Evolutionary games: the darwin connection. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3675–3689. London, United Kingdom: ACM Press. (doi:<http://dx.doi.org/10.1145/1274000.1274129>).
- [118] Vanneschi L, Verel S. 2007 Fitness landscapes and problem hardness in evolutionary computation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3690–3733. London, United Kingdom: ACM Press. (doi:<http://dx.doi.org/10.1145/1274000.1274130>).
- [119] Vose MD, Whitley LD. 2007 No free lunch. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3734–3764. London, United Kingdom: ACM Press. (doi:<http://dx.doi.org/10.1145/1274000.1274131>).
- [120] Wineberg M, Christensen S. 2007 An introduction to statistical analysis for evolutionary computation. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3765–3791. London, United Kingdom: ACM Press. (doi:<http://dx.doi.org/10.1145/1274000.1274132>).
- [121] Zitzler E, Deb K. 2007 Evolutionary multiobjective optimization. In: Ekart A (ed.), *Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations*, pp. 3792–3809. London, United Kingdom: ACM Press. (doi:<http://dx.doi.org/10.1145/1274000.1274133>).