Список литературы

- [1] Bin Azhar, M. H., Deravi, F., and Dimond, K., Criticality dispersion in swarms to optimize n-tuples, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1–8, Atlanta, GA, USA, 2008, ACM.
- [2] de Franca, F. O., Coelho, G. P., Von Zuben, F. J., and de Faissol Attux, R. R., Multivariate ant colony optimization in continuous search spaces, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 9–16, Atlanta, GA, USA, 2008, ACM.
- [3] de Marcos, L., Martínez, J.-J., and Gutierrez, J.-A., Swarm intelligence in e-learning: a learning object sequencing agent based on competencies, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 17–24, Atlanta, GA, USA, 2008, ACM.
- [4] Dries, E. J. and Peterson, G. L., Scaling ant colony optimization with hierarchical reinforcement learning partitioning, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 25–32, Atlanta, GA, USA, 2008, ACM.
- [5] Häckel, S., Fischer, M., Zechel, D., and Teich, T., A multi-objective ant colony approach for pareto-optimization using dynamic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 33–40, Atlanta, GA, USA, 2008, ACM.
- [6] Howden, D. and Hendtlass, T., Collective intelligence and bush fire spotting, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 41–48, Atlanta, GA, USA, 2008, ACM.
- [7] Jordan, J., Helwig, S., and Wanka, R., Social interaction in particle swarm optimization, the ranked fips, and adaptive multi-swarms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 49–56, Atlanta, GA, USA, 2008, ACM.
- [8] Klamargias, A. D., Parsopoulos, K. E., Alevizos, P. D., and Vrahatis, M. N., Particle filtering with particle swarm optimization in systems with multiplicative noise, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 57–62, Atlanta, GA, USA, 2008, ACM.
- [9] Mazhar, N. and Farooq, M., A sense of danger: dendritic cells inspired artificial immune system for manet security, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 63–70, Atlanta, GA, USA, 2008, ACM.
- [10] Montes de Oca, M. A. and Stützle, T., Convergence behavior of the fully informed particle swarm optimization algorithm, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 71–78, Atlanta, GA, USA, 2008, ACM.
- [11] Ostaszewski, M., Bouvry, P., and Seredynski, F., Denial of service detection and analysis using idiotypic networks paradigm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 79–86, Atlanta, GA, USA, 2008, ACM.
- [12] Pant, M., Thangaraj, R., and Abraham, A., A new quantum behaved particle swarm optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 87–94, Atlanta, GA, USA, 2008, ACM.

- [13] Jorge Pe n., Theoretical and empirical study of particle swarms with additive stochasticity and different recombination operators, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 95–102, Atlanta, GA, USA, 2008, ACM.
- [14] Saleem, M., Khayam, S. A., and Farooq, M., A formal performance modeling framework for bio-inspired ad hoc routing protocols, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 103–110, Atlanta, GA, USA, 2008, ACM.
- [15] Salehi-Abari, A. and White, T., Enhanced generalized ant programming (egap), in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 111–118, Atlanta, GA, USA, 2008, ACM.
- [16] Shafiq, M. Z., Khayam, S. A., and Farooq, M., Improving accuracy of immune-inspired malware detectors by using intelligent features, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 119–126, Atlanta, GA, USA, 2008, ACM.
- [17] Stibor, T., Discriminating self from non-self with finite mixtures of multivariate bernoulli distributions, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 127–134, Atlanta, GA, USA, 2008, ACM.
- [18] Sudholt, D. and Witt, C., Runtime analysis of binary pso, in *GECCO '08: Proceedings of the* 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 135–142, Atlanta, GA, USA, 2008, ACM.
- [19] von Mammen, S. and Jacob, C., Evolutionary swarm design of architectural idea models, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 143–150, Atlanta, GA, USA, 2008, ACM.
- [20] Yu, H., Optimizing task schedules using an artificial immune system approach, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 151–158, Atlanta, GA, USA, 2008, ACM.
- [21] Ahmadi, A., Karray, F., and Kamel, M., Particle swarm clustering ensemble, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 159–160, Atlanta, GA, USA, 2008, ACM.
- [22] Awais, A., Farooq, M., and Javed, M. Y., Attack analysis & bio-inspired security framework for ip multimedia subsystem, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 161–162, Atlanta, GA, USA, 2008, ACM.
- [23] Chira, C., Dumitrescu, D., and Pintea, C. M., Heterogeneous sensitive ant model for combinatorial optimization, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 163–164, Atlanta, GA, USA, 2008, ACM.
- [24] Zhang, J., Liu, K., Tan, Y., and He, X., Allocation of local and global search capabilities of particle in canonical pso, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 165–166, Atlanta, GA, USA, 2008, ACM.
- [25] Zhang, J., Liu, K., Tan, Y., and He, X., Magnifier particle swarm optimization for numerical optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 167–168, Atlanta, GA, USA, 2008, ACM.

- [26] de Melo, E. B. B. and Araújo, A. F. R., Modeling ant colony foraging in dynamic and confined environment, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 169–176, Atlanta, GA, USA, 2008, ACM.
- [27] Barlow, G. J., Oh, C. K., and Smith, S. F., Evolving cooperative control on sparsely distributed tasks for uav teams without global communication, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 177–184, Atlanta, GA, USA, 2008, ACM.
- [28] Beckmann, B. E., McKinley, P. K., and Ofria, C., Selection for group-level efficiency leads to self-regulation of population size, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 185–192, Atlanta, GA, USA, 2008, ACM.
- [29] Bornhofen, S. and Lattaud, C., On hopeful monsters, neutral networks and junk code in evolving l-systems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 193–200, Atlanta, GA, USA, 2008, ACM.
- [30] Campbell, A., Wu, A. S., and Shumaker, R., Multi-agent task allocation: learning when to say no, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 201–208, Atlanta, GA, USA, 2008, ACM.
- [31] Grabowski, L. M., Elsberry, W. R., Ofria, C., and Pennock, R. T., On the evolution of motility and intelligent tactic response, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 209–216, Atlanta, GA, USA, 2008, ACM.
- [32] Knoester, D. B., McKinley, P. K., and Ofria, C., Cooperative network construction using digital germlines, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 217–224, Atlanta, GA, USA, 2008, ACM.
- [33] van Krevelen, D. W. F. and Nitschke, G. S., Neuro-evolution for a gathering and collective construction task, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 225–232, Atlanta, GA, USA, 2008, ACM.
- [34] Nitschke, G. and Schut, M., Designing multi-rover emergent specialization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 233–240, Atlanta, GA, USA, 2008, ACM.
- [35] Payne, J. L. and Eppstein, M. J., The influence of scaling and assortativity on takeover times in scale-free topologies, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 241–248, Atlanta, GA, USA, 2008, ACM.
- [36] Smaldon, J., Blakes, J., Krasnogor, N., and Lancet, D., A multi-scaled approach to artificial life simulation with p systems and dissipative particle dynamics, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 249–256, Atlanta, GA, USA, 2008, ACM.
- [37] Tanev, I. and Shimohara, K., Co-evolution of active sensing and locomotion gaits of simulated snake-like robot, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 257–264, Atlanta, GA, USA, 2008, ACM.
- [38] Valsalam, V. K. and Miikkulainen, R., Modular neuroevolution for multilegged locomotion, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 265–272, Atlanta, GA, USA, 2008, ACM.

- [39] Vulli, S. S. and Agarwal, S., Individual-based artificial ecosystems for design and optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 273–280, Atlanta, GA, USA, 2008, ACM.
- [40] Cussat-Blanc, S., Viale, F., Luga, H., Duthen, Y., and Caromel, D., Genetic algorithms and grid computing for artificial embryogeny, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 281–282, Atlanta, GA, USA, 2008, ACM.
- [41] Gotshall, S. and Soule, T., Evolving stable behavior in a spino-neuromuscular system model, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 283–284, Atlanta, GA, USA, 2008, ACM.
- [42] Jung, J.-Y. and Reggia, J. A., Nested evolution of an autonomous agent using descriptive encoding, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 285–286, Atlanta, GA, USA, 2008, ACM.
- [43] Krah, P., Towards efficient evolution of morphology and control, in *GECCO '08: Proceedings* of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 287–288, Atlanta, GA, USA, 2008, ACM.
- [44] McGinley, B., Rocke, P., Morgan, F., and Maher, J., Reconfigurable analogue hardware evolution of adaptive spiking neural network controllers, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 289–290, Atlanta, GA, USA, 2008, ACM.
- [45] Rahmani, A. T. and Helmi, B. H., Ein-wum: an ais-based algorithm for web usage mining, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 291–292, Atlanta, GA, USA, 2008, ACM.
- [46] Seo, K. and Hyun, S., Genetic programming based automatic gait generation for quadruped robots, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 293–294, Atlanta, GA, USA, 2008, ACM.
- [47] Trendelenburg, S., Becker, J., Henrici, F., and Manoli, Y., A gp algorithm for efficient synthesis of gm-c filters on a hexagonal fpaa structure, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 295–296, Atlanta, GA, USA, 2008, ACM.
- [48] Trujillo, L., Olague, G., Lutton, E., and de Vega, F. F., Behavior-based speciation for evolutionary robotics, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 297–298, Atlanta, GA, USA, 2008, ACM.
- [49] Clayton, T. F., Patel, L. N., Leng, G., Murray, A. F., and Lindsay, I. A., Rapid evaluation and evolution of neural models using graphics card hardware, in *GECCO '08: Proceedings of the 10th* annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 299–306, Atlanta, GA, USA, 2008, ACM.
- [50] Esmaeili, A. and Jacob, C., Evolution of discrete gene regulatory models, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 307–314, Atlanta, GA, USA, 2008, ACM.
- [51] Goeffon, A., Nikolski, M., and Sherman, D. J., An efficient probabilistic population-based descent for the median genome problem, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 315–322, Atlanta, GA, USA, 2008, ACM.
- [52] Pirkwieser, S. and Raidl, G. R., Finding consensus trees by evolutionary, variable neighborhood search, and hybrid algorithms, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 323–330, Atlanta, GA, USA, 2008, ACM.

- [53] Romero-Campero, F. J., Cao, H., Camara, M., and Krasnogor, N., Structure and parameter estimation for cell systems biology models, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 331–338, Atlanta, GA, USA, 2008, ACM.
- [54] Urbanowicz, R. J., Barney, N., White, B. C., and Moore, J. H., Mask functions for the symbolic modeling of epistasis using genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 339–346, Atlanta, GA, USA, 2008, ACM.
- [55] Garcia, B., Aler, R., Ledezma, A., and Sanchis, A., Protein-protein functional association prediction using genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 347–348, Atlanta, GA, USA, 2008, ACM.
- [56] Gonçalves, R., Goldbarg, M. C., Goldbarg, E. F., and Delgado, M. R., Warping search: a new metaheuristic applied to the protein structure prediction, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 349–350, Atlanta, GA, USA, 2008, ACM.
- [57] Greene, C. S., White, B. C., and Moore, J. H., Using expert knowledge in initialization for genome-wide analysis of epistasis using genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 351–352, Atlanta, GA, USA, 2008, ACM.
- [58] Hardison, N. E. et al., A balanced accuracy fitness function leads to robust analysis using grammatical evolution neural networks in the case of class imbalance, in *GECCO '08: Proceedings* of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 353–354, Atlanta, GA, USA, 2008, ACM.
- [59] Jaśkowski, W., Krawiec, K., and Wieloch, B., Fitnessless coevolution, in *GECCO '08: Proceedings* of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 355–362, Atlanta, GA, USA, 2008, ACM.
- [60] Lichodzijewski, P. and Heywood, M. I., Managing team-based problem solving with symbiotic bid-based genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 363–370, Atlanta, GA, USA, 2008, ACM.
- [61] Service, T. C. and Tauritz, D. R., A no-free-lunch framework for coevolution, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 371–378, Atlanta, GA, USA, 2008, ACM.
- [62] Shi, M., An empirical comparison of evolution and coevolution for designing artificial neural network game players, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 379–386, Atlanta, GA, USA, 2008, ACM.
- [63] Service, T. C. and Tauritz, D. R., Co-optimization algorithms, in *GECCO '08: Proceedings* of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 387–388, Atlanta, GA, USA, 2008, ACM.
- [64] Yang, L., Huang, H., and Liu, Y., A coevolution archive based on problem dimension, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 389–390, Atlanta, GA, USA, 2008, ACM.
- [65] Chuang, C.-Y. and ping Chen, Y., On the effectiveness of distributions estimated by probabilistic model building, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 391–398, Atlanta, GA, USA, 2008, ACM.

- [66] Fernandes, C. M., Lima, C., and Rosa, A. C., Umdas for dynamic optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 399–406, Atlanta, GA, USA, 2008, ACM.
- [67] Gámez, J. A., Mateo, J. L., and Puerta, J. M., Improved edna (estimation of dependency networks algorithm) using combining function with bivariate probability distributions, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 407–414, Atlanta, GA, USA, 2008, ACM.
- [68] Hauschild, M. W., Pelikan, M., Sastry, K., and Goldberg, D. E., Using previous models to bias structural learning in the hierarchical boa, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 415–422, Atlanta, GA, USA, 2008, ACM.
- [69] Iclanzan, D. and Dumitrescu, D., Going for the big fishes: discovering and combining large neutral and massively multimodal building-blocks with model based macro-mutation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 423–430, Atlanta, GA, USA, 2008, ACM.
- [70] Lima, C. F., Lobo, F. G., and Pelikan, M., From mating pool distributions to model overfitting, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 431–438, Atlanta, GA, USA, 2008, ACM.
- [71] Lima, C. F., Fernandes, C., and Lobo, F. G., Investigating restricted tournament replacement in ecga for non-stationary environments, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 439–446, Atlanta, GA, USA, 2008, ACM.
- [72] Pelikan, M., Helmut, K. G., and Kobe, S., Finding ground states of sherrington-kirkpatrick spin glasses with hierarchical boa and genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 447–454, Atlanta, GA, USA, 2008, ACM.
- [73] Pelikan, M., Sastry, K., and Goldberg, D. E., iboa: the incremental bayesian optimization algorithm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 455–462, Atlanta, GA, USA, 2008, ACM.
- [74] Brownlee, A. E., Pelikan, M., McCall, J. A., and Petrovski, A., An application of a multivariate estimation of distribution algorithm to cancer chemotherapy, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 463–464, Atlanta, GA, USA, 2008, ACM.
- [75] Brownlee, A. E. et al., Optimisation and fitness modelling of bio-control in mushroom farming using a markov network eda, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 465–466, Atlanta, GA, USA, 2008, ACM.
- [76] Duque, T. S., Goldberg, D. E., and Sastry, K., Improving the efficiency of the extended compact genetic algorithm, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 467–468, Atlanta, GA, USA, 2008, ACM.
- [77] Hernández-Aguirre, A., Villa-Diharce, E., and Barba-Moreno, S., An estimation distribution algorithm with the spearman's rank correlation index, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 469–470, Atlanta, GA, USA, 2008, ACM.
- [78] Hong, Y., Kwong, S., Xiong, H., and Ren, Q., Data clustering using virtual population based incremental learning algorithm with similarity matrix encoding strategy, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 471–472, Atlanta, GA, USA, 2008, ACM.

- [79] Mayorga-Alvarez, P. P. and Hernández-Aguirre, A., The directional eda for global optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 473–474, Atlanta, GA, USA, 2008, ACM.
- [80] Shakya, S. and Santana, R., An eda based on local markov property and gibbs sampling, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 475–476, Atlanta, GA, USA, 2008, ACM.
- [81] Valdez, S. I., Hernandez-Aguirre, A., and Botello-Rionda, S., Designing edas by using the elitist convergent eda concept and the boltzmann distribution, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 477–478, Atlanta, GA, USA, 2008, ACM.
- [82] Akimoto, Y., Sakuma, J., Ono, I., and Kobayashi, S., Functionally specialized cma-es: a modification of cma-es based on the specialization of the functions of covariance matrix adaptation and step size adaptation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 479–486, Atlanta, GA, USA, 2008, ACM.
- [83] Beyer, H.-G. and Melkozerov, A., Mutative σ-self-adaptation can beat cumulative step size adaptation when using weighted recombination, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 487–494, Atlanta, GA, USA, 2008, ACM.
- [84] Caamano, P., Bellas, F., Becerra, J. A., and Duro, R. J., Application domain study of evolutionary algorithms in optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 495–502, Atlanta, GA, USA, 2008, ACM.
- [85] Jägersküpper, J. and Preuss, M., Aiming for a theoretically tractable csa variant by means of empirical investigations, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 503-510, Atlanta, GA, USA, 2008, ACM.
- [86] Meyer-Nieberg, S. and Beyer, H.-G., Why noise may be good: additive noise on the sharp ridge, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 511–518, Atlanta, GA, USA, 2008, ACM.
- [87] Shir, O. M., Roslund, J., Baeck, T., and Rabitz, H., Performance analysis of derandomized evolution strategies in quantum control experiments, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 519–526, Atlanta, GA, USA, 2008, ACM.
- [88] Epitropakis, M. G., Plagianakos, V. P., and Vrahatis, M. N., Non-monotone differential evolution, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 527–528, Atlanta, GA, USA, 2008, ACM.
- [89] James, D., A comparison of speciation, extinction, and complexification in neuroevolution with and without selection pressure, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 529–530, Atlanta, GA, USA, 2008, ACM.
- [90] Junior, A. R. L. and Ferreira, T. A. E., A hybrid method for tuning neural network for time series forecasting, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 531–532, Atlanta, GA, USA, 2008, ACM.
- [91] Nicholson, J. and White, M., Maintaining population diversity by maintaining family structures, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 533–534, Atlanta, GA, USA, 2008, ACM.

- [92] Stalph, P., Ebner, M., Michel, M., Pfaff, B., and Benz, R., Multiobjective evolution of a fuzzy controller in a sewage treatment plant, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 535–536, Atlanta, GA, USA, 2008, ACM.
- [93] Urfalioglu, O., Cetin, A. E., and Kuruoglu, E. E., Levy walk evolution for global optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 537–538, Atlanta, GA, USA, 2008, ACM.
- [94] Doerr, B., Happ, E., and Klein, C., Crossover can provably be useful in evolutionary computation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 539–546, Atlanta, GA, USA, 2008, ACM.
- [95] Kumar, R., Tolay, P., and Tiwary, S., Enhancing solution quality of the biobjective graph coloring problem using hybridization of ea: biobjective graph coloring problem, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 547–554, Atlanta, GA, USA, 2008, ACM.
- [96] Ochoa, G., Tomassini, M., Vérel, S., and Darabos, C., A study of nk landscapes' basins and local optima networks, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 555–562, Atlanta, GA, USA, 2008, ACM.
- [97] Steitz, W. and Rothlauf, F., Orientation matters: how to efficiently solve ocst problems with problem-specific eas, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 563–570, Atlanta, GA, USA, 2008, ACM.
- [98] Terashima-Marín, H., Ortiz-Bayliss, J. C., Ross, P., and Valenzuela-Rendón, M., Hyper-heuristics for the dynamic variable ordering in constraint satisfaction problems, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 571–578, Atlanta, GA, USA, 2008, ACM.
- [99] Toyama, F., Shoji, K., and Miyamichi, J., An iterated greedy algorithm for the node placement problem in bidirectional manhattan street networks, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 579–584, Atlanta, GA, USA, 2008, ACM.
- [100] Whitley, D., Sutton, A. M., and Howe, A. E., Understanding elementary landscapes, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 585–592, Atlanta, GA, USA, 2008, ACM.
- [101] Yoon, Y., Kim, Y.-H., and Moon, B.-R., Feasibility-preserving crossover for maximum k-coverage problem, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 593–598, Atlanta, GA, USA, 2008, ACM.
- [102] Araujo, R. M. and Lamb, L. C., Distributed problem solving by memetic networks: extended abstract, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 599–600, Atlanta, GA, USA, 2008, ACM.
- [103] Bader-El-Den, M. B. and Poli, R., Evolving heuristics with genetic programming, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 601–602, Atlanta, GA, USA, 2008, ACM.
- [104] Borgulya, I., A parallel evolutionary algorithm for unconstrained binary quadratic problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 603–604, Atlanta, GA, USA, 2008, ACM.

- [105] Borschbach, M. and Exeler, A., A tabu history driven crossover operator design for memetic algorithm applied to max-2sat-problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 605–606, Atlanta, GA, USA, 2008, ACM.
- [106] Julstrom, B. A., An evolutionary algorithm for some cases of the single-source constrained plant location problem, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 607–608, Atlanta, GA, USA, 2008, ACM.
- [107] Keller, R. E. and Poli, R., Subheuristic search and scalability in a hyperheuristic, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 609–610, Atlanta, GA, USA, 2008, ACM.
- [108] Khaled, A. and Julstrom, B. A., Greedy heuristics and evolutionary algorithms for the bounded minimum-label spanning tree problem, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 611–612, Atlanta, GA, USA, 2008, ACM.
- [109] Mahdabi, P., Jalili, S., and Abadi, M., A multi-start quantum-inspired evolutionary algorithm for solving combinatorial optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 613–614, Atlanta, GA, USA, 2008, ACM.
- [110] Qasem, M. and Prugel-Bennett, A., Complexity of max-sat using stochastic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 615–616, Atlanta, GA, USA, 2008, ACM.
- [111] Avigad, G. and Branke, J., Embedded evolutionary multi-objective optimization for worst case robustness, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 617–624, Atlanta, GA, USA, 2008, ACM.
- [112] Datta, D., Figueira, J. R., Fonseca, C. M., and Tavares-Pereira, F., Graph partitioning through a multi-objective evolutionary algorithm: a preliminary study, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 625–632, Atlanta, GA, USA, 2008, ACM.
- [113] Deb, K., A robust evolutionary framework for multi-objective optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 633–640, Atlanta, GA, USA, 2008, ACM.
- [114] Horoba, C. and Neumann, F., Benefits and drawbacks for the use of epsilon-dominance in evolutionary multi-objective optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 641–648, Atlanta, GA, USA, 2008, ACM.
- [115] Ishibuchi, H., Tsukamoto, N., Hitotsuyanagi, Y., and Nojima, Y., Effectiveness of scalability improvement attempts on the performance of nsga-ii for many-objective problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 649–656, Atlanta, GA, USA, 2008, ACM.
- [116] Kanoh, H. and Hara, K., Hybrid genetic algorithm for dynamic multi-objective route planning with predicted traffic in a real-world road network, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 657–664, Atlanta, GA, USA, 2008, ACM.
- [117] Lizarraga-Lizarraga, G., Hernandez-Aguirre, A., and Botello-Rionda, S., G-metric: an m-ary quality indicator for the evaluation of non-dominated sets, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 665–672, Atlanta, GA, USA, 2008, ACM.

- [118] Jaimes, A. L., Coello Coello, C. A., and Chakraborty, D., Objective reduction using a feature selection technique, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 673–680, Atlanta, GA, USA, 2008, ACM.
- [119] Dos Santos, E. M., Sabourin, R., and Maupin, P., Pareto analysis for the selection of classifier ensembles, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 681–688, Atlanta, GA, USA, 2008, ACM.
- [120] Martí, L., García, J., Berlanga, A., and Molina, J. M., Introducing moneda: scalable multiobjective optimization with a neural estimation of distribution algorithm, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 689–696, Atlanta, GA, USA, 2008, ACM.
- [121] Pfeiffer, J., Golle, U., and Rothlauf, F., Reference point based multi-objective evolutionary algorithms for group decisions, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 697–704, Atlanta, GA, USA, 2008, ACM.
- [122] Schuetze, O., Sanchez, G., and Coello Coello, C. A., A new memetic strategy for the numerical treatment of multi-objective optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 705–712, Atlanta, GA, USA, 2008, ACM.
- [123] Schuetze, O., Coello Coello, C. A., Tantar, E., and Talbi, E.-G., Computing finite size representations of the set of approximate solutions of an mop with stochastic search algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 713–720, Atlanta, GA, USA, 2008, ACM.
- [124] Talukder, A. K. A., Kirley, M., and Buyya, R., A pareto following variation operator for fast-converging multiobjective evolutionary algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 721–728, Atlanta, GA, USA, 2008, ACM.
- [125] Tiwari, S., Koch, P., Fadel, G., and Deb, K., Amga: an archive-based micro genetic algorithm for multi-objective optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 729–736, Atlanta, GA, USA, 2008, ACM.
- [126] Ulrich, T., Brockhoff, D., and Zitzler, E., Pattern identification in pareto-set approximations, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 737–744, Atlanta, GA, USA, 2008, ACM.
- [127] Wickramasinghe, U. K. and Li, X., Integrating user preferences with particle swarms for multiobjective optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic* and evolutionary computation, edited by Keijzer, M. et al., pages 745–752, Atlanta, GA, USA, 2008, ACM.
- [128] Avigad, G. and Coello Coello, C. A., Solving constrained multi-objective problems by objective space analysis, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 753–754, Atlanta, GA, USA, 2008, ACM.
- [129] Gamhewa, S. and Hingston, P. F., Testing parallelization paradigms for moeas, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 755–756, Atlanta, GA, USA, 2008, ACM.
- [130] Leon, C., Miranda, G., and Segura, C., Parallel hyperheuristic: a self-adaptive island-based model for multi-objective optimization, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 757–758, Atlanta, GA, USA, 2008, ACM.

- [131] Lizárraga-Lizárraga, G., Hernández-Aguirre, A., and Botello-Rionda, S., On the possibility to create a compatible–complete unary comparison method for evolutionary multiobjective algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 759–760, Atlanta, GA, USA, 2008, ACM.
- [132] Lust, T., Speed-up techniques for solving large-scale btsp with the two-phase pareto local search, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 761–762, Atlanta, GA, USA, 2008, ACM.
- [133] Santana-Quintero, L. V., Coello Coello, C. A., and Hernandez-Diaz, A. G., Hybridizing surrogate techniques, rough sets and evolutionary algorithms to efficiently solve multi-objective optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 763–764, Atlanta, GA, USA, 2008, ACM.
- [134] Pires, E. J. S. et al., Single-objective front optimization: application to rf circuit design, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 765–766, Atlanta, GA, USA, 2008, ACM.
- [135] Wen, F., Gao, X., and Gen, M., A novel approach to route selection in car navigation systems by a multiobjective genetic algorithm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 767–768, Atlanta, GA, USA, 2008, ACM.
- [136] Martínez, S. Z. and Coello Coello, C. A., Hybridizing an evolutionary algorithm with mathematical programming techniques for multi-objective optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 769–770, Atlanta, GA, USA, 2008, ACM.
- [137] Dietzfelbinger, M., Rowe, J. E., Wegener, I., and Woelfel, P., Precision, local search and unimodal functions, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 771–778, Atlanta, GA, USA, 2008, ACM.
- [138] Neumann, F., Reichel, J., and Skutella, M., Computing minimum cuts by randomized search heuristics, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 779–786, Atlanta, GA, USA, 2008, ACM.
- [139] Weise, T., Niemczyk, S., Skubch, H., Reichle, R., and Geihs, K., A tunable model for multiobjective, epistatic, rugged, and neutral fitness landscapes, in *GECCO '08: Proceedings of the* 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 795–802, Atlanta, GA, USA, 2008, ACM.
- [140] Weyland, D., Simulated annealing, its parameter settings and the longest common subsequence problem, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 803–810, Atlanta, GA, USA, 2008, ACM.
- [141] Whitley, D. and Rowe, J., Focused no free lunch theorems, in *GECCO '08: Proceedings of the* 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 811–818, Atlanta, GA, USA, 2008, ACM.
- [142] D'Ambrosio, D. B. and Stanley, K. O., Generative encoding for multiagent learning, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 819–826, Atlanta, GA, USA, 2008, ACM.
- [143] Khemka, N., Novakowski, S., Hushlak, G., and Jacob, C., Evolutionary design of dynamic swarmscapes, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 827–834, Atlanta, GA, USA, 2008, ACM.

- [144] Komatsu, H., Hashimoto, Y., Chen, Y., and Ohashi, H., An evolvability-enhanced artificial embryogeny for generating network structures, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 835–842, Atlanta, GA, USA, 2008, ACM.
- [145] Kowaliw, T., Measures of complexity for artificial embryogeny, in *GECCO '08: Proceedings* of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 843–850, Atlanta, GA, USA, 2008, ACM.
- [146] Steiner, T., Jin, Y., and Sendhoff, B., A cellular model for the evolutionary development of lightweight material with an inner structure, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 851– 858, Atlanta, GA, USA, 2008, ACM.
- [147] Tufte, G., Phenotypic, developmental and computational resources: scaling in artificial development, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 859–866, Atlanta, GA, USA, 2008, ACM.
- [148] Clune, J., Ofria, C., and Pennock, R. T., How generative encodings fare on less regular problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 867–868, Atlanta, GA, USA, 2008, ACM.
- [149] Jiang, F., Berry, H., and Schoenauer, M., Unsupervised learning of echo state networks: balancing the double pole, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 869–870, Atlanta, GA, USA, 2008, ACM.
- [150] Yogev, O., Shapiro, A. A., and Antonsson, E. K., Growth control and disease mechanisms in computational embryogeny, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 871–872, Atlanta, GA, USA, 2008, ACM.
- [151] Aranha, C. C. and Iba, H., A tree-based ga representation for the portfolio optimization problem, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 873–880, Atlanta, GA, USA, 2008, ACM.
- [152] Barkat Ullah, A. S. S. M., Sarker, R., and Cornforth, D., Search space reduction technique for constrained optimization with tiny feasible space, in *GECCO '08: Proceedings of the 10th annual* conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 881–888, Atlanta, GA, USA, 2008, ACM.
- [153] Bhatt, A., Varshney, P., and Deb, K., In search of no-loss strategies for the game of tic-tac-toe using a customized genetic algorithm, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 889–896, Atlanta, GA, USA, 2008, ACM.
- [154] Carrano, E. G., Takahashi, R. H., and Wanner, E. F., An enhanced statistical approach for evolutionary algorithm comparison, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 897–904, Atlanta, GA, USA, 2008, ACM.
- [155] Cervantes, J. and Stephens, C. R., Rank based variation operators for genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 905–912, Atlanta, GA, USA, 2008, ACM.
- [156] DaCosta, L., Fialho, A., Schoenauer, M., and Sebag, M., Adaptive operator selection with dynamic multi-armed bandits, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 913–920, Atlanta, GA, USA, 2008, ACM.

- [157] Desell, T., Szymanski, B., and Varela, C., An asynchronous hybrid genetic-simplex search for modeling the milky way galaxy using volunteer computing, in *GECCO '08: Proceedings of the* 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 921–928, Atlanta, GA, USA, 2008, ACM.
- [158] Doerr, B., Jansen, T., and Klein, C., Comparing global and local mutations on bit strings, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 929–936, Atlanta, GA, USA, 2008, ACM.
- [159] Fernandes, C. M., Merelo, J. J., Ramos, V., and Rosa, A. C., A self-organized criticality mutation operator for dynamic optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 937–944, Atlanta, GA, USA, 2008, ACM.
- [160] Friedrich, T., Oliveto, P. S., Sudholt, D., and Witt, C., Theoretical analysis of diversity mechanisms for global exploration, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 945–952, Atlanta, GA, USA, 2008, ACM.
- [161] Happ, E., Johannsen, D., Klein, C., and Neumann, F., Rigorous analyses of fitness-proportional selection for optimizing linear functions, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 953–960, Atlanta, GA, USA, 2008, ACM.
- [162] de Lima, T. W., Rothlauf, F., and Delbem, A. C., The node-depth encoding: analysis and application to the bounded-diameter minimum spanning tree problem, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 969–976, Atlanta, GA, USA, 2008, ACM.
- [163] Liou, J.-J. and ping Chen, Y., Adaptive discretization on multidimensional continuous search spaces, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 977–984, Atlanta, GA, USA, 2008, ACM.
- [164] Llorà, X., Yasui, N. I., and Goldberg, D. E., Graph-theoretic measure for active igas: interaction sizing and parallel evaluation ensemble, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 985–992, Atlanta, GA, USA, 2008, ACM.
- [165] Muelas, S., José M. Pe n., Robles, V., and LaTorre, A., Voronoi-initializated island models for solving real-coded deceptive problems, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 993–1000, Atlanta, GA, USA, 2008, ACM.
- [166] Nakama, T., Theoretical analysis of genetic algorithms in noisy environments based on a markov model, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1001–1008, Atlanta, GA, USA, 2008, ACM.
- [167] Neubauer, A., Theory of the simple genetic algorithm with α -selection, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1009–1016, Atlanta, GA, USA, 2008, ACM.
- [168] Nguyen, Q. H., Ong, Y. S., and Lim, M. H., Non-genetic transmission of memes by diffusion, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1017–1024, Atlanta, GA, USA, 2008, ACM.
- [169] Park, T., Choe, R., and Ryu, K. R., Dual-population genetic algorithm for nonstationary optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1025–1032, Atlanta, GA, USA, 2008, ACM.

- [170] Sheahan, A. and Ryan, C., A transformation-based approach to static multiprocessor scheduling, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1041–1048, Atlanta, GA, USA, 2008, ACM.
- [171] Stonedahl, F., Rand, W., and Wilensky, U., Crossnet: a framework for crossover with network-based chromosomal representations, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1057–1064, Atlanta, GA, USA, 2008, ACM.
- [172] Troiano, L., Birtolo, C., and Miranda, M., Adapting palettes to color vision deficiencies by genetic algorithm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1065–1072, Atlanta, GA, USA, 2008, ACM.
- [173] Tsuji, M., Munetomo, M., and Akama, K., Empirical investigations on parallel competent genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1073–1080, Atlanta, GA, USA, 2008, ACM.
- [174] Whitacre, J. M., Abbass, H. A., Sarker, R., Bender, A., and Baker, S., Strategic positioning in tactical scenario planning, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1081–1088, Atlanta, GA, USA, 2008, ACM.
- [175] Yu, T.-L. and Lin, W.-K., Optimal sampling of genetic algorithms on polynomial regression, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1089–1096, Atlanta, GA, USA, 2008, ACM.
- [176] Berenboym, I. and Avigal, M., Genetic algorithms with local search optimization for protein structure prediction problem, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1097–1098, Atlanta, GA, USA, 2008, ACM.
- [177] Bergmann, K. P., Scheidler, R., and Jacob, C., Cryptanalysis using genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1099–1100, Atlanta, GA, USA, 2008, ACM.
- [178] Breukelaar, R. and Baeck, T., Self-adaptive mutation rates in genetic algorithm for inverse design of cellular automata, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1101–1102, Atlanta, GA, USA, 2008, ACM.
- [179] Castillo, P. A. et al., Evolving machine microprograms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1103–1104, Atlanta, GA, USA, 2008, ACM.
- [180] Godley, P. M., Cairns, D. E., Cowie, J., Swingler, K. M., and McCall, J., The effects of mutation and directed intervention crossover when applied to scheduling chemotherapy, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1105–1106, Atlanta, GA, USA, 2008, ACM.
- [181] Hanada, Y., Hiroyasu, T., and Miki, M., Analysis of the performance of genetic multi-step search in interpolation and extrapolation domain, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1107–1108, Atlanta, GA, USA, 2008, ACM.
- [182] Holdener, E. A. and Tauritz, D. R., Learning offspring optimizing mate selection, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1109–1110, Atlanta, GA, USA, 2008, ACM.

- [183] Ishibuchi, H., Tsukamoto, N., and Nojima, Y., Maintaining the diversity of solutions by non-geometric binary crossover: a worst one-max solver competition case study, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1111–1112, Atlanta, GA, USA, 2008, ACM.
- [184] yi Jiang, H. and Chang, C. K., Deriving evaluation metrics for applicability of genetic algorithms to optimization problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1113–1114, Atlanta, GA, USA, 2008, ACM.
- [185] Khosraviani, M., Pour-Mozafari, S., and Ebadzadeh, M. M., Convergence analysis of quantum-inspired genetic algorithms with the population of a single individual, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1115–1116, Atlanta, GA, USA, 2008, ACM.
- [186] Kim, Y.-H., Linear transformation in pseudo-boolean functions, in *GECCO '08: Proceedings* of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1117–1118, Atlanta, GA, USA, 2008, ACM.
- [187] LaTorre, A., José M. Pe n., Robles, V., and Muelas, S., Using multiple offspring sampling to guide genetic algorithms to solve permutation problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1119–1120, Atlanta, GA, USA, 2008, ACM.
- [188] Le, M. N., Ong, Y. S., and Nguyen, Q. H., Optinformatics for schema analysis of binary genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1121–1122, Atlanta, GA, USA, 2008, ACM.
- [189] Li, Z. and Goodman, E. D., A practical search index and population size analysis based on the building block hypothesis, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1123–1124, Atlanta, GA, USA, 2008, ACM.
- [190] Martins, F. V., Carrano, E. G., Wanner, E. F., and Takahashi, R. H., The micro-genetic operator in the search of global trends, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1125–1126, Atlanta, GA, USA, 2008, ACM.
- [191] Ginley, B. M., Morgan, F., and O'Riordan, C., Maintaining diversity through adaptive selection, crossover and mutation, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1127–1128, Atlanta, GA, USA, 2008, ACM.
- [192] Najafi, M. and Beigy, H., Using pca to improve evolutionary cellular automata algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1129–1130, Atlanta, GA, USA, 2008, ACM.
- [193] Nojoumian, M. and Nair, D. K., Comparing genetic algorithm and guided local search methods by symmetric tsp instances, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1131–1132, Atlanta, GA, USA, 2008, ACM.
- [194] Papa, G., Parameter-less evolutionary search, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1133–1134, Atlanta, GA, USA, 2008, ACM.
- [195] Paperin, G., Evolving sequence patterns for prediction of sub-cellular locations of eukaryotic proteins, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1135–1136, Atlanta, GA, USA, 2008, ACM.

- [196] Pizzuti, C., Community detection in social networks with genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1137–1138, Atlanta, GA, USA, 2008, ACM.
- [197] Risco-Martín, J. L., Hidalgo, J. I., Lanchares, J., and Garnica, O., Solving discrete deceptive problems with emmrs, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1139–1140, Atlanta, GA, USA, 2008, ACM.
- [198] Sahin, C. S. et al., Genetic algorithms for self-spreading nodes in manets, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1141–1142, Atlanta, GA, USA, 2008, ACM.
- [199] Sato, Y., Goldberg, D., and Sastry, K., Improving small population performance under noise with viral infection + tropism, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1143–1144, Atlanta, GA, USA, 2008, ACM.
- [200] Seixas, F. L., Ochi, L. S., Conci, A., and Saade, D. M., Image registration using genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1145–1146, Atlanta, GA, USA, 2008, ACM.
- [201] Troutman, N. P., Eskridge, B. E., and Hougen, D. F., Is "best-so-far"a good algorithmic performance metric?, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1147–1148, Atlanta, GA, USA, 2008, ACM.
- [202] Wanner, E. F., Carrano, E. G., and Takahashi, R. H., Coordinate change operators for genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1149–1150, Atlanta, GA, USA, 2008, ACM.
- [203] Yogev, O., Shapiro, A. A., and Antonsson, E. K., Modularity and symmetry in computational embryogeny, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1151–1152, Atlanta, GA, USA, 2008, ACM.
- [204] Zamalloa, M., Rodriguez-Fuentes, L. J., Mikel Pe n., Bordel, G., and Uribe, J. P., Comparing genetic algorithms to principal component analysis and linear discriminant analysis in reducing feature dimensionality for speaker recognition, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1153–1154, Atlanta, GA, USA, 2008, ACM.
- [205] Agapitos, A., Dyson, M., Lucas, S. M., and Sepulveda, F., Learning to recognise mental activities: genetic programming of stateful classifiers for brain-computer interfacing, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1155–1162, Atlanta, GA, USA, 2008, ACM.
- [206] Agapitos, A., Dyson, M., Kovalchuk, J., and Lucas, S. M., On the genetic programming of time-series predictors for supply chain management, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1163–1170, Atlanta, GA, USA, 2008, ACM.
- [207] Augusto, D. A., Barbosa, H. J., and Ebecken, N. F., Coevolution of data samples and classifiers integrated with grammatically-based genetic programming for data classification, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1171–1178, Atlanta, GA, USA, 2008, ACM.

- [208] Bai, L., Eyiyurekli, M., and Breen, D. E., Automated shape composition based on cell biology and distributed genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1179–1186, Atlanta, GA, USA, 2008, ACM.
- [209] Binard, F. and Felty, A., Genetic programming with polymorphic types and higher-order functions, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1187–1194, Atlanta, GA, USA, 2008, ACM.
- [210] Cerny, B. M., Nelson, P. C., and Zhou, C., Using differential evolution for symbolic regression and numerical constant creation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1195–1202, Atlanta, GA, USA, 2008, ACM.
- [211] Kameya, Y., Kumagai, J., and Kurata, Y., Accelerating genetic programming by frequent subtree mining, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1203–1210, Atlanta, GA, USA, 2008, ACM.
- [212] Kattan, A. and Poli, R., Evolutionary lossless compression with gp-zip*, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1211–1218, Atlanta, GA, USA, 2008, ACM.
- [213] Kaufmann, P. and Platzner, M., Advanced techniques for the creation and propagation of modules in cartesian genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1219–1226, Atlanta, GA, USA, 2008, ACM.
- [214] Kumar, R., Joshi, A. H., Banka, K. K., and Rockett, P. I., Evolution of hyperheuristics for the biobjective 0/1 knapsack problem by multiobjective genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1227–1234, Atlanta, GA, USA, 2008, ACM.
- [215] McPhee, N. F. and Poli, R., Memory with memory: soft assignment in genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1235–1242, Atlanta, GA, USA, 2008, ACM.
- [216] Mora García, A. M. et al., Discovering causes of financial distress by combining evolutionary algorithms and artificial neural networks, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1243–1250, Atlanta, GA, USA, 2008, ACM.
- [217] Murphy, G. and Ryan, C., Exploiting the path of least resistance in evolution, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1251–1258, Atlanta, GA, USA, 2008, ACM.
- [218] Nunkesser, R., Analysis of a genetic programming algorithm for association studies, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1259–1266, Atlanta, GA, USA, 2008, ACM.
- [219] Poli, R. and McPhee, N. F., Parsimony pressure made easy, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1267–1274, Atlanta, GA, USA, 2008, ACM.
- [220] Poli, R., McPhee, N. F., and Vanneschi, L., The impact of population size on code growth in gp: analysis and empirical validation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1275–1282, Atlanta, GA, USA, 2008, ACM.
- [221] de Sá, L. B. and Mesquita, A., Evolutionary synthesis of low-sensitivity equalizers using adjacency matrix representation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1283–1290, Atlanta, GA, USA, 2008, ACM.

- [222] Spector, L., Clark, D. M., Lindsay, I., Barr, B., and Klein, J., Genetic programming for finite algebras, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1291–1298, Atlanta, GA, USA, 2008, ACM.
- [223] Trujillo, L., Olague, G., Lutton, E., and de Vega, F. F., Multiobjective design of operators that detect points of interest in images, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1299–1306, Atlanta, GA, USA, 2008, ACM.
- [224] Turner, C. J., Tiwari, A., and Mehnen, J., A genetic programming approach to business process mining, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1307–1314, Atlanta, GA, USA, 2008, ACM.
- [225] Wedge, D. C. and Kell, D. B., Rapid prediction of optimum population size in genetic programming using a novel genotype -: fitness correlation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1315–1322, Atlanta, GA, USA, 2008, ACM.
- [226] Xie, H., Zhang, M., Andreae, P., and Johnson, M., An analysis of multi-sampled issue and no-replacement tournament selection, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1323–1330, Atlanta, GA, USA, 2008, ACM.
- [227] Barate, R. and Manzanera, A., Generalization performance of vision based controllers for mobile robots evolved with genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1331–1332, Atlanta, GA, USA, 2008, ACM.
- [228] Clegg, J., Combining cartesian genetic programming with an estimation of distribution algorithm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1333–1334, Atlanta, GA, USA, 2008, ACM.
- [229] Fogelson, S. V. and Potter, W. D., A formulation for the relative permittivity of water and steam to high temperatures and pressures evolved using genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1335–1336, Atlanta, GA, USA, 2008, ACM.
- [230] Hu, T. and Banzhaf, W., Measuring rate of evolution in genetic programming using amino acid to synonymous substitution ratio ka/ks, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1337–1338, Atlanta, GA, USA, 2008, ACM.
- [231] Lewis, T. E. and Magoulas, G. D., Tread: a new genetic programming representation aimed at research of long term complexity growth, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1339–1340, Atlanta, GA, USA, 2008, ACM.
- [232] Li, C., Hiroyasu, T., and Miki, M., Stress-based crossover operator for structure topology optimization using small population size and variable length chromosome, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1341–1342, Atlanta, GA, USA, 2008, ACM.
- [233] Poli, R., McPhee, N. F., and Vanneschi, L., Elitism reduces bloat in genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1343–1344, Atlanta, GA, USA, 2008, ACM.
- [234] White, T. and Salehi-Abari, A., A swarm-based crossover operator for genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1345–1346, Atlanta, GA, USA, 2008, ACM.

- [235] Wijesinghe, G. and Ciesielski, V., Experiments with indexed for-loops in genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1347–1348, Atlanta, GA, USA, 2008, ACM.
- [236] Butz, M. V., Lanzi, P. L., Llorà, X., and Loiacono, D., An analysis of matching in learning classifier systems, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1349–1356, Atlanta, GA, USA, 2008, ACM.
- [237] Butz, M. V. and Herbort, O., Context-dependent predictions and cognitive arm control with xcsf, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1357–1364, Atlanta, GA, USA, 2008, ACM.
- [238] Butz, M. V., Stalph, P., and Lanzi, P. L., Self-adaptive mutation in xcsf, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1365–1372, Atlanta, GA, USA, 2008, ACM.
- [239] Chow, R., Zhong, W., Blackmon, M., Stolz, R., and Dowell, M., An efficient sym-ga feature selection model for large healthcare databases, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1373–1380, Atlanta, GA, USA, 2008, ACM.
- [240] Hong, Y., Kwong, S., Xiong, H., and Ren, Q., Genetic-guided semi-supervised clustering algorithm with instance-level constraints, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1381–1388, Atlanta, GA, USA, 2008, ACM.
- [241] Howard, G. D., Bull, L., and Lanzi, P.-L., Self-adaptive constructivism in neural xcs and xcsf, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1389–1396, Atlanta, GA, USA, 2008, ACM.
- [242] Kassahun, Y., de Gea, J., Edgington, M., Metzen, J. H., and Kirchner, F., Accelerating neuroevolutionary methods using a kalman filter, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1397–1404, Atlanta, GA, USA, 2008, ACM.
- [243] Kohl, N. and Miikkulainen, R., Evolving neural networks for fractured domains, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1405–1412, Atlanta, GA, USA, 2008, ACM.
- [244] Teixidó-Navarro, F., Orriols-Puig, A., and Bernadó-Mansilla, E., Hierarchical evolution of linear regressors, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1413–1420, Atlanta, GA, USA, 2008, ACM.
- [245] Bacardit, J. and Krasnogor, N., Fast rule representation for continuous attributes in genetics-based machine learning, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1421–1422, Atlanta, GA, USA, 2008, ACM.
- [246] Dos Santos, E. M., Oliveira, L. S., Sabourin, R., and Maupin, P., Overfitting in the selection of classifier ensembles: a comparative study between pso and ga, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1423–1424, Atlanta, GA, USA, 2008, ACM.
- [247] Metzen, J. H., Kirchner, F., Edgington, M., and Kassahun, Y., Towards efficient online reinforcement learning using neuroevolution, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1425–1426, Atlanta, GA, USA, 2008, ACM.
- [248] Pitangui, C. G. and Zaverucha, G., Genetic local search for rule learning, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1427–1428, Atlanta, GA, USA, 2008, ACM.

- [249] Priesterjahn, S., Imitation-based evolution of artificial players in modern computer games, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1429–1430, Atlanta, GA, USA, 2008, ACM.
- [250] Ramírez-Ruiz, J. A., Valenzuela-Rendón, M., and Terashima-Marín, H., A new approach to fuzzy lcss in two-dimensional continuous multistep environment with continuous vector actions, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1433–1434, Atlanta, GA, USA, 2008, ACM.
- [251] Winkler, S. M., Affenzeller, M., and Wagner, S., Fine-grained population diversity estimation for genetic programming based structure identification, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1435–1436, Atlanta, GA, USA, 2008, ACM.
- [252] Abbass, H. A. et al., Computational scenario-based capability planning, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1437–1444, Atlanta, GA, USA, 2008, ACM.
- [253] Abraham, A., Biswas, A., Das, S., and Dasgupta, S., Design of fractional order piλdμ controllers with an improved differential evolution, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1445–1452, Atlanta, GA, USA, 2008, ACM.
- [254] Ciesielski, V., Wu, N., and Tahaghoghi, S., Evolving similarity functions for code plagiarism detection, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1453–1460, Atlanta, GA, USA, 2008, ACM.
- [255] Das, S., Koduru, P., Cai, X., Welch, S., and Sarangan, V., The gene regulatory network: an application to optimal coverage in sensor networks, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1461–1468, Atlanta, GA, USA, 2008, ACM.
- [256] David-Tabibi, O., Koppel, M., and Netanyahu, N. S., Genetic algorithms for mentor-assisted evaluation function optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1469–1476, Atlanta, GA, USA, 2008, ACM.
- [257] de la Cruz, J. M., Besada-Portas, E., Torre-Cubillo, L., Andres-Toro, B., and Lopez-Orozco, J. A., Evolutionary path planner for uavs in realistic environments, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1477–1484, Atlanta, GA, USA, 2008, ACM.
- [258] George, B., Gibson, S. J., Maylin, M. I., and Solomon, C. J., Efit-v -: interactive evolutionary strategy for the construction of photo-realistic facial composites, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1485–1490, Atlanta, GA, USA, 2008, ACM.
- [259] Grimme, C., Lepping, J., and Papaspyrou, A., Discovering performance bounds for grid scheduling by using evolutionary multiobjective optimization, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1491–1498, Atlanta, GA, USA, 2008, ACM.
- [260] Hasircioglu, I., Topcuoglu, H. R., and Ermis, M., 3-d path planning for the navigation of unmanned aerial vehicles by using evolutionary algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1499–1506, Atlanta, GA, USA, 2008, ACM.
- [261] Hassan, G. and Clack, C. D., Multiobjective robustness for portfolio optimization in volatile environments, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1507–1514, Atlanta, GA, USA, 2008, ACM.

- [262] Hidalgo, J. I., Risco-Martín, J. L., Atienza, D., and Lanchares, J., Analysis of multi-objective evolutionary algorithms to optimize dynamic data types in embedded systems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1515–1522, Atlanta, GA, USA, 2008, ACM.
- [263] Hirayama, Y., Clarke, T., and Miller, J. F., Fault tolerant control using cartesian genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1523–1530, Atlanta, GA, USA, 2008, ACM.
- [264] Holmes, T. and Zanker, J., Eye on the prize: using overt visual attention to drive fitness for interactive evolutionary computation, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1531–1538, Atlanta, GA, USA, 2008, ACM.
- [265] Jaros, J. and Dvorak, V., An evolutionary design technique for collective communications on optimal diameter-degree networks, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1539–1546, Atlanta, GA, USA, 2008, ACM.
- [266] Kabli, R., McCall, J., Herrmann, F., and Ong, E., Evolved bayesian networks as a versatile alternative to partin tables for prostate cancer management, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1547–1554, Atlanta, GA, USA, 2008, ACM.
- [267] Kruisselbrink, J. W., Bäck, T., IJzerman, A. P., and van der Horst, E., Evolutionary algorithms for automated drug design towards target molecule properties, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1555–1562, Atlanta, GA, USA, 2008, ACM.
- [268] Leigh, R., Schonfeld, J., and Louis, S. J., Using coevolution to understand and validate game balance in continuous games, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1563–1570, Atlanta, GA, USA, 2008, ACM.
- [269] Lim, Y. T., Cheng, P. C., Rohatgi, P., and Clark, J. A., Mls security policy evolution with genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1571–1578, Atlanta, GA, USA, 2008, ACM.
- [270] Luna, F. et al., Metaheuristics for solving a real-world frequency assignment problem in gsm networks, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1579–1586, Atlanta, GA, USA, 2008, ACM.
- [271] Matsui, S. and Yamada, S., Optimizing hierarchical menus by genetic algorithm and simulated annealing, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1587–1594, Atlanta, GA, USA, 2008, ACM.
- [272] Moen, H. J. F. and Kristoffersen, S., Multi-resistant radar jamming using genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1595–1602, Atlanta, GA, USA, 2008, ACM.
- [273] Oliwa, T. M., Genetic algorithms and the abc music notation language for rock music composition, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1603–1610, Atlanta, GA, USA, 2008, ACM.
- [274] Pedersen, G. K. and Yang, Z., Efficiency optimization of a multi-pump booster system, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1611–1618, Atlanta, GA, USA, 2008, ACM.

- [275] Pedersen, G. K. and Yang, Z., Estimation of pump-curves using genetic algorithms, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1619–1626, Atlanta, GA, USA, 2008, ACM.
- [276] Raja, A., Azad, R. M. A., Flanagan, C., and Ryan, C., Voip speech quality estimation in a mixed context with genetic programming, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1627–1634, Atlanta, GA, USA, 2008, ACM.
- [277] Saruwatari, S. et al., Speeding online synthesis via enforced selecto-recombination, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1635–1642, Atlanta, GA, USA, 2008, ACM.
- [278] Slany, K., Branch predictor on-line evolutionary system, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1643–1648, Atlanta, GA, USA, 2008, ACM.
- [279] Song, A. and Fang, D., Robust method of detecting moving objects in videos evolved by genetic programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1649–1656, Atlanta, GA, USA, 2008, ACM.
- [280] Wagner, N. and Michalewicz, Z., An analysis of adaptive windowing for time series forecasting in dynamic environments: further tests of the dyfor gp model, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1657–1664, Atlanta, GA, USA, 2008, ACM.
- [281] Willis, A., Patel, S., and Clack, C. D., Gp age-layer and crossover effects in bid-offer spread prediction, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1665–1672, Atlanta, GA, USA, 2008, ACM.
- [282] Wu, S. X. and Banzhaf, W., Combatting financial fraud: a coevolutionary anomaly detection approach, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1673–1680, Atlanta, GA, USA, 2008, ACM.
- [283] Yan, W., Sewell, M. D., and Clack, C. D., Learning to optimize profits beats predicting returns -: comparing techniques for financial portfolio optimisation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1681–1688, Atlanta, GA, USA, 2008, ACM.
- [284] Ataka, S. and Gen, M., The study for transportation planning considered the inventory using hybrid genetic algorithm, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1689–1690, Atlanta, GA, USA, 2008, ACM.
- [285] Borenstein, Y. et al., On the partitioning of dynamic scheduling problems -: assigning technicians to areas, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1691–1692, Atlanta, GA, USA, 2008, ACM.
- [286] Chen, Y., Mabu, S., Shimada, K., and Hirasawa, K., Construction of portfolio optimization system using genetic network programming with control nodes, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1693–1694, Atlanta, GA, USA, 2008, ACM.
- [287] Dasgupta, S., Biswas, A., Das, S., and Abraham, A., Automatic circle detection on images with an adaptive bacterial foraging algorithm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1695–1696, Atlanta, GA, USA, 2008, ACM.

- [288] de Marcos, L., Martínez, J.-J., Gutierrez, J.-A., Barchino, R., and Gutiérrez, J.-M., An evolutionary approach for competency-based curriculum sequencing, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1697–1698, Atlanta, GA, USA, 2008, ACM.
- [289] Dewri, R., Whitley, D., Ray, I., and Ray, I., Evolution strategy based optimization of on-demand dependent data broadcast scheduling, in GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1699–1700, Atlanta, GA, USA, 2008, ACM.
- [290] García-Sánchez, P. et al., Automatic generation of xslt stylesheets using evolutionary algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1701–1702, Atlanta, GA, USA, 2008, ACM.
- [291] Gyurecz, G., Genetic algorithm in removing local nurbs surface irregularities using highlight lines, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1703–1704, Atlanta, GA, USA, 2008, ACM.
- [292] Kodali, S. P., Bandaru, S., Deb, K., Munshi, P., and Kishore, N. N., Applicability of genetic algorithms to reconstruction of projected data from ultrasonic tomography, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1705–1706, Atlanta, GA, USA, 2008, ACM.
- [293] eun Lee, J., Gen, M., and gu Rhee, K., Designing a multistage reverse logistics network problem by hybrid genetic algorithm, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1707–1708, Atlanta, GA, USA, 2008, ACM.
- [294] Mabu, S., Chen, Y., Ohkawa, E., and Hirasawa, K., Stock trading strategies by genetic network programming with flag nodes, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1709–1710, Atlanta, GA, USA, 2008, ACM.
- [295] MacNeil, P. E., Genetic algorithms and solutions of an interesting differential equation, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1711–1712, Atlanta, GA, USA, 2008, ACM.
- [296] Ortíz, A. O., Angel E. Mu n. Z., and Aguirre, A. H., A hybrid system using pso and data mining for determining the ranking of a new participant in eurovision, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1713–1714, Atlanta, GA, USA, 2008, ACM.
- [297] Ohkawa, E., Chen, Y., Mabu, S., Shimada, K., and Hirasawa, K., Varying portfolio construction of stocks using genetic network programming with control nodes, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1715–1716, Atlanta, GA, USA, 2008, ACM.
- [298] Oranchak, D., Evolutionary algorithm for decryption of monoalphabetic homophonic substitution ciphers encoded as constraint satisfaction problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1717–1718, Atlanta, GA, USA, 2008, ACM.
- [299] Quiroz, J. C., Banerjee, A., and Louis, S. J., Igap: interactive genetic algorithm peer to peer, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1719–1720, Atlanta, GA, USA, 2008, ACM.
- [300] Sato, Y., Suzuki, R., and Akatsuka, Y., Dependencies on player formation in event-driven hybrid learning classifier systems for soccer video games, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1721–1722, Atlanta, GA, USA, 2008, ACM.

- [301] Sharma, D., Deb, K., and Kishore, N. N., A domain-specific crossover and a helper objective for generating minimum weight compliant mechanisms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1723–1724, Atlanta, GA, USA, 2008, ACM.
- [302] Zhang, K., Sun, S., and Si, H., Prediction of retention times for a large set of pesticides based on improved gene expression programming, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1725–1726, Atlanta, GA, USA, 2008, ACM.
- [303] Alba, E. and Chicano, F., Searching for liveness property violations in concurrent systems with aco, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1727–1734, Atlanta, GA, USA, 2008, ACM.
- [304] Alba, E., Chicano, F., Ferreira, M., and Gomez-Pulido, J., Finding deadlocks in large concurrent java programs using genetic algorithms, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1735–1742, Atlanta, GA, USA, 2008, ACM.
- [305] Garousi, V., Empirical analysis of a genetic algorithm-based stress test technique, in *GECCO* '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation, edited by Keijzer, M. et al., pages 1743–1750, Atlanta, GA, USA, 2008, ACM.
- [306] Goldsby, H. J. and Cheng, B. H., Avida-mde: a digital evolution approach to generating models of adaptive software behavior, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1751–1758, Atlanta, GA, USA, 2008, ACM.
- [307] Lakhotia, K., Harman, M., and McMinn, P., Handling dynamic data structures in search based testing, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1759–1766, Atlanta, GA, USA, 2008, ACM.
- [308] Wang, Y. et al., Fitness calculation approach for the switch-case construct in evolutionary testing, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1767–1774, Atlanta, GA, USA, 2008, ACM.
- [309] White, D. R., Clark, J., Jacob, J., and Poulding, S. M., Searching for resource-efficient programs: low-power pseudorandom number generators, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1775–1782, Atlanta, GA, USA, 2008, ACM.
- [310] Ribeiro, J. C. B., Zenha-Rela, M. A., and de Vega, F. F., Strongly-typed genetic programming and purity analysis: input domain reduction for evolutionary testing problems, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1783–1784, Atlanta, GA, USA, 2008, ACM.
- [311] Simons, C. L. and Parmee, I. C., Agent-based support for interactive search in conceptual software engineering design, in *GECCO '08: Proceedings of the 10th annual conference on Genetic and evolutionary computation*, edited by Keijzer, M. et al., pages 1785–1786, Atlanta, GA, USA, 2008, ACM.