

Список литературы

- [1] Hutterer S, Affenzeller M, Auinger F. Evolutionary optimization of multi-agent control strategies for electric vehicle charging. In: *GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC)*, edited by Tantar AA, Tantar E, Bosman PA. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 3–10.
- [2] Toutouh J, Alba E. Green OLSR in VANETs with differential evolution. In: *GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC)*, edited by Tantar AA, Tantar E, Bosman PA. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 11–18.
- [3] Phan DH, Suzuki J, Carroll R, Balasubramaniam S, Donnelly W, Botvich D. Evolutionary multiobjective optimization for green clouds. In: *GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC)*, edited by Tantar AA, Tantar E, Bosman PA. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 19–26.
- [4] Cavalcante ES, Aquino AL, Pappa GL, Loureiro AA. Roadside unit deployment for information dissemination in a VANET: an evolutionary approach. In: *GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC)*, edited by Tantar AA, Tantar E, Bosman PA. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 27–34.
- [5] Kromer P, Prokop L, Snasel V, Misak S, Platos J, Abraham A. Evolutionary prediction of photovoltaic power plant energy production. In: *GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC)*, edited by Tantar AA, Tantar E, Bosman PA. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 35–42.
- [6] Padhye N. Evolutionary approaches for real world applications in 21st century. In: *GECCO 2012 Real world applications of evolutionary computation*, edited by Padhye N, Baughman A, Van Der Stock S, Perlitz M, Gustafson SM, Jesneck J. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 43–48.
- [7] Lourenço N, Pereira F, Costa E. Evolving evolutionary algorithms. In: *GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms*, edited by Pappa GL, Woodward J, Hyde MR, Swan J. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 51–58.
- [8] Goldman BW, Tauritz DR. Supportive coevolution. In: *GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms*, edited by Pappa GL, Woodward J, Hyde MR, Swan J. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 59–66.
- [9] Woodward JR, Swan J. The automatic generation of mutation operators for genetic algorithms. In: *GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms*, edited by Pappa GL, Woodward J, Hyde MR, Swan J. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 67–74.
- [10] Harrington KI, Spector L, Pollack JB, O'Reilly UM. Autoconstructive evolution for structural problems. In: *GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms*, edited by Pappa GL, Woodward J, Hyde MR, Swan J. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 75–82.
- [11] De Rainville FM, Fortin FA, Gardner MA, Parizeau M, Gagné C. DEAP: a python framework for evolutionary algorithms. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 85–92.
- [12] Otero F, Castle T, Johnson C. EpochX: genetic programming in java with statistics and event monitoring. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 93–100.

- [13] Kommenda M, Kronberger G, Wagner S, Winkler S, Affenzeller M. On the architecture and implementation of tree-based genetic programming in HeuristicLab. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 101–108.
- [14] Merelo JJ, Fernandes CM, Mora AM, Esparcia AI. SofEA: a pool-based framework for evolutionary algorithms using CouchDB. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 109–116.
- [15] Nashed YS, Ugolotti R, Mesejo P, Cagnoni S. libCudaOptimize: an open source library of GPU-based metaheuristics. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 117–124.
- [16] Beham A, Pitzer E, Wagner S, Affenzeller M, Altendorfer K, Felberbauer T, Bäck M. Integration of flexible interfaces in optimization software frameworks for simulation-based optimization. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 125–132.
- [17] Connelly BD, Zaman L, McKinley PK. The SEEDS platform for evolutionary and ecological simulations. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 133–140.
- [18] Scheibenpflug A, Wagner S, Pitzer E, Affenzeller M. Optimization knowledge base: an open database for algorithm and problem characteristics and optimization results. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 141–148.
- [19] Dobslaw F. INPUT: the intelligent parameter utilization tool. In: *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, edited by Wagner S, Affenzeller M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 149–156.
- [20] Liao T, Molina D, Stutzle T, Montes de Oca MA, Dorigo M. An ACO algorithm benchmarked on the BBOB noiseless function testbed. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 159–166.
- [21] Chuang YC, Chen CT. Black-box optimization benchmarking for noiseless function testbed using a direction-based RCGA. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 167–174.
- [22] Loshchilov I, Schoenauer M, Sebag M. Black-box optimization benchmarking of IPOP-saACM-ES and BIPOP-saACM-ES on the BBOB-2012 noiseless testbed. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 175–182.
- [23] de Melo VV. Benchmarking the multi-view differential evolution on the noiseless BBOB-2012 function testbed. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 183–188.
- [24] Poáik P, Klema V. Benchmarking the differential evolution with adaptive encoding on noiseless functions. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 189–196.
- [25] Schaul T. Benchmarking separable natural evolution strategies on the noiseless and noisy black-box optimization testbeds. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 205–212.

- [26] Voglis C, Piperagkas GS, Parsopoulos KE, Papageorgiou DG, Lagaris IE. MEMPSODE: an empirical assessment of local search algorithm impact on a memetic algorithm using noiseless testbed. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 245–252.
- [27] Brockhoff D, Auger A, Hansen N. On the effect of mirroring in the IPOP active CMA-ES on the noiseless BBOB testbed. In: *Black box optimization benchmarking 2012 (BBOB 2012)*, edited by Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 277–284.
- [28] Zhang XF, Koshimura M, Fujita H, Hasegawa R. Hybrid particle swarm optimization and convergence analysis for scheduling problems. In: *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, edited by Stonedahl F, Riolo R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 307–314.
- [29] Shafiee E, Zechman E. Integrating evolutionary computation and sociotechnical simulation for flushing contaminated water distribution systems. In: *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, edited by Stonedahl F, Riolo R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 315–322.
- [30] Woodard CJ, Clemons EK. Modeling technology evolution using generalized genotype-phenotype maps. In: *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, edited by Stonedahl F, Riolo R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 323–330.
- [31] van Lon RR, Holvoet T, Vanden Berghe G, Wenseleers T, Branke J. Evolutionary synthesis of multi-agent systems for dynamic dial-a-ride problems. In: *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, edited by Stonedahl F, Riolo R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 331–336.
- [32] van Berkel S, Turi D, Pruteanu A, Dulman S. Automatic discovery of algorithms for multi-agent systems. In: *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, edited by Stonedahl F, Riolo R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 337–344.
- [33] Ozisik AP, Harrington KI. The effects of tags on the evolution of honest signaling. In: *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, edited by Stonedahl F, Riolo R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 345–352.
- [34] Doncieux S, Jin Y, Mouret JB. Evo-devo-robo workshop program. In: *GECCO 2012 Evolutionary developmental robotics*, edited by Doncieux S, Jin Y, Mouret JB. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 355–356.
- [35] Joachimczak M, Kowaliw T, Doursat R, Wróbel B. Evolving morphologies and controllers for soft-bodied multicellular animats using gene regulatory networks and artificial embryogenesis. In: *GECCO 2012 Evolutionary developmental robotics*, edited by Doncieux S, Jin Y, Mouret JB. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 357–360.
- [36] Palmer ME, Chou AK. An artificial visual cortex drives behavioral evolution in co-evolved predator and prey robots. In: *GECCO 2012 Evolutionary developmental robotics*, edited by Doncieux S, Jin Y, Mouret JB. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 361–364.
- [37] Rudinac M, Lenseigne B, Jonker PP. Empirical mode decomposition for saliency detection. In: *GECCO 2012 Evolutionary developmental robotics*, edited by Doncieux S, Jin Y, Mouret JB. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 365–368.
- [38] Ollion C, Pinville T, Doncieux S. Emergence of memory in neuroevolution: impact of selection pressures. In: *GECCO 2012 Evolutionary developmental robotics*, edited by Doncieux S, Jin Y, Mouret JB. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 369–372.

- [39] Lee P, Teng Y, Hsiao TC. XCSF for prediction on emotion induced by image based on dimensional theory of emotion. In: *Fifteenth international workshop on learning classifier systems (ICWLS)*, edited by Loiacono D, Orriols-Puig A, Urbanowicz R. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 375–382.
- [40] Tinós R. Analysing fitness landscape changes in evolutionary robots. In: *1st workshop on Understanding Problems (GECCO-UP)*, edited by McClymont K, Keedwell E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 385–392.
- [41] Pitzer E, Beham A, Affenzeller M. Generic hardness estimation using fitness and parameter landscapes applied to robust taboo search and the quadratic assignment problem. In: *1st workshop on Understanding Problems (GECCO-UP)*, edited by McClymont K, Keedwell E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 393–400.
- [42] Spector L. Assessment of problem modality by differential performance of lexicase selection in genetic programming: a preliminary report. In: *1st workshop on Understanding Problems (GECCO-UP)*, edited by McClymont K, Keedwell E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 401–408.
- [43] Garrett D. A call for collaborative landscape analysis. In: *1st workshop on Understanding Problems (GECCO-UP)*, edited by McClymont K, Keedwell E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 409–416.
- [44] Tosch E, Spector L. Achieving COSMOS: a metric for determining when to give up and when to reach for the stars. In: *1st workshop on Understanding Problems (GECCO-UP)*, edited by McClymont K, Keedwell E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 417–424.
- [45] McClymont K, Walker D, Dupenois M. The lay of the land: a brief survey of problem understanding. In: *1st workshop on Understanding Problems (GECCO-UP)*, edited by McClymont K, Keedwell E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 425–432.
- [46] Fernandes CM, Mora A, Merelo JJ, Fernández F, Rosa A. Generating colored 2-dimensional representations of sleep EEG with the KANTS clustering algorithm. In: *GECCO 2012 Visualisation methods for genetic and evolutionary computation (VizGEC)*, edited by Everson R, Fieldsend J, Walker D. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 435–442.
- [47] Walker D, Fieldsend J, Everson R. Visualising many-objective populations. In: *GECCO 2012 Visualisation methods for genetic and evolutionary computation (VizGEC)*, edited by Everson R, Fieldsend J, Walker D. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 451–458.
- [48] Kaliakatsos-Papakostas MA, Floros A, Kanellopoulos N, Vrahatis MN. Genetic evolution of L and FL-systems for the production of rhythmic sequences. In: *GECCO 2012 Evolutionary music*, edited by Fernandez de Vega F, Cotta C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 461–468.
- [49] Rafael B, Affenzeller M, Wagner S. An adaption of the schema theorem to various crossover and mutation operators for a music segmentation problem. In: *GECCO 2012 Evolutionary music*, edited by Fernandez de Vega F, Cotta C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 469–476.
- [50] Reis G, Fernández F, Ferreira A. Evolutionary algorithms and automatic transcription of music. In: *GECCO 2012 Evolutionary music*, edited by Fernandez de Vega F, Cotta C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 477–484.
- [51] Aleb N, Kechid S. A new framework for scalable genetic programming. In: *GECCO 2012 Symbolic regression and modeling workshop*, edited by Gustafson S, Vladislavleva E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 487–492.
- [52] Hemberg E, Veeramachaneni K, O'Reilly UM. Graphical models and what they reveal about GP when it solves a symbolic regression problem. In: *GECCO 2012 Symbolic regression and modeling workshop*, edited by Gustafson S, Vladislavleva E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 493–494.

- [53] Bartz-Beielstein T, Flasch O, Zaefferer M. Sequential parameter optimization for symbolic regression. In: *GECCO 2012 Symbolic regression and modeling workshop*, edited by Gustafson S, Vladislavleva E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 495–496.
- [54] Kotanchek M. Robust function discovery and feature selection for life sciences and engineering. In: *GECCO 2012 Symbolic regression and modeling workshop*, edited by Gustafson S, Vladislavleva E. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 497–498.
- [55] Darvish A, Rahnamayan S, Mohamad ZS. Interactive differential evolution for prostate ultrasound image thresholding. In: *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, edited by Smith SL, Cagnoni S, Patton RM. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 501–508.
- [56] Cagnoni S, Cordón O, Mesejo P, Nashed YS, Ugolotti R. First results and future developments of the MIBISOC Project in the IBISlab of the university of parma. In: *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, edited by Smith SL, Cagnoni S, Patton RM. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 509–516.
- [57] Dumas L, Boutouyrie P, Bozec E. An optimal reconstruction of the human arterial tree from doppler echotracking measurements. In: *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, edited by Smith SL, Cagnoni S, Patton RM. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 517–522.
- [58] Rogalsky T. Bezier control parameterization for evolutionary optimization in disease models. In: *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, edited by Smith SL, Cagnoni S, Patton RM. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 523–530.
- [59] Bevilacqua V, Filograno G, Fiorentino M, Uva AE. Early diagnosis of lung tumors by genetically optimized 3D-metaball malignancy metric. In: *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, edited by Smith SL, Cagnoni S, Patton RM. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 531–538.
- [60] Tan M, Deklerck R, Jansen B, Cornelis J. Analysis of a feature-deselective neuroevolution classifier (FD-NEAT) in a computer-aided lung nodule detection system for CT images. In: *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, edited by Smith SL, Cagnoni S, Patton RM. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 539–546.
- [61] Bernstein O. Flea market simulator: a market simulator for experiments on the computational evolution of trading strategies for economic agents. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 549–554.
- [62] Gagne DJ. GAMIV: a genetic algorithm for identifying variable-length motifs in noncoding DNA. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 555–558.
- [63] English A, Petruso H, Wang C. Grammatical evolution decision trees for trio designs. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 559–562.
- [64] Thompson J. Trade-offs using GAMID for the inference of DNA motifs that are represented in only a subset of sequences of interest. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 563–568.
- [65] Yeboah-Antwi K. Evolving software applications using genetic programming – PushCalc: the evolved calculator. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 569–572.
- [66] Gao Y, Lv D. Principal coordinate strategy: a novel adaptive control strategy for differential evolution. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 573–578.

- [67] Kuehn TJ. Evolutionary fabrication: a system of autonomous invention. In: *Tenth GECCO Undergraduate Student Workshop*, edited by Goings S. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 579–584.
- [68] Mlakar M, Tuaar T, Filipić B. Discrete vs. continuous multiobjective optimization of continuous casting of steel. In: *GECCO 2012 Graduate Students Workshop*, edited by Motsinger-Reif A. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 587–590.
- [69] Buzdalov M, Sokolov A. Evolving EFSMs solving a path-planning problem by genetic programming. In: *GECCO 2012 Graduate Students Workshop*, edited by Motsinger-Reif A. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 591–594.
- [70] Marvel S, Motsinger-Reif A. Grammatical evolution support vector machines for predicting human genetic disease association. In: *GECCO 2012 Graduate Students Workshop*, edited by Motsinger-Reif A. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 595–598.
- [71] Han S. Batting order optimization by genetic algorithm. In: *GECCO 2012 Graduate Students Workshop*, edited by Motsinger-Reif A. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 599–602.
- [72] Chivilikhin D, Ulyantsev V, Tsarev F. Test-based extended finite-state machines induction with evolutionary algorithms and ant colony optimization. In: *GECCO 2012 Graduate Students Workshop*, edited by Motsinger-Reif A. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 603–606.
- [73] Hoover K, Marceau R, Harris T, Reif D, Motsinger-Reif A. A comparison of GE optimized neural networks and decision trees. In: *GECCO 2012 Graduate Students Workshop*, edited by Motsinger-Reif A. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 611–614.
- [74] Yoon DM, Kim KJ. Comparison of scoring methods for interactive evolutionary computation based image retouching system. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 617–618.
- [75] Comis Da Ronco C, Benini E. GeDEA-II: a simplex-crossover based multi objective evolutionary algorithm including the genetic diversity asobjective. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 619–620.
- [76] Semenov MA, Stratonowitch P. Application of evolutionary algorithms for model calibration. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 621–622.
- [77] Ellabaan MMH, Ong YS. Experiences on memetic computation for locating transition states in biochemical applications. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 623–624.
- [78] Mukherjee S, Eppstein MJ. Differential evolution of constants in genetic programming improves efficacy and bloat. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 625–626.
- [79] Beliveau P, Hornby G, Bongard J. Interactive simulated robot construction and controller evolution. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 627–628.
- [80] Tsutsui S, Fujimoto N. On the effect of using multiple GPUs in solving QAPs with CUDA. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 629–630.
- [81] Benbassat A, Sipper M. Evolving players that use selective game-tree search with genetic programming. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 631–632.

- [82] Pilat M, Neruda R. A surrogate multiobjective evolutionary strategy with local search and pre-selection. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 633–634.
- [83] Zaglauer S. The evolutionary algorithm SAMOA with use of dynamic constraints. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 635–636.
- [84] Porta M, Julstrom BA. Evolving instances of unconstrained binary quadratic programming that challenge a tabu search heuristic. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 639–640.
- [85] soo Park H, Kim KJ. Automatic python programming using stack-based genetic programming. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 641–642.
- [86] Fonlupt C, Robilliard D. Combining programs to counter code disruption. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 643–644.
- [87] Srivastava RK, Schmidhuber J, Gomez F. Generalized compressed network search. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 647–648.
- [88] Ho TY, Yu TL. A linkage-learning niching in estimation of distribution algorithm. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 649–650.
- [89] Banerjee A. Density-based evolutionary outlier detection. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 651–652.
- [90] Quiroz JC, Banerjee A, Louis SJ. 3-D modeling using collaborative evolution. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 653–654.
- [91] Iclanzan D, Gaskó N, Dumitrescu D. Evolving mixed nash equilibria for bimatrix games. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 655–656.
- [92] Raway T, Schaffer DJ, Kurtz KJ, Sayama H. Evolving data sets to highlight the performance differences between machine learning classifiers. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 657–658.
- [93] Celis SE, Bongard J. Not all physics simulators can be wrong in the same way. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 659–660.
- [94] Ismail SB, Legras F, Coppin G. A new interactive evolutionary algorithm for the vehicle routing problem. In: *GECCO 2012 Late breaking abstracts workshop*, edited by Rodriguez K, Blum C. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 661–668.
- [95] Goodman ED. Introduction to genetic algorithms. In: *GECCO 2012 Introductory tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 671–692.
- [96] O'Reilly UM. Genetic programming: a tutorial introduction. In: *GECCO 2012 Introductory tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 693–710.
- [97] Baeck T. Evolution strategies: basic introduction. In: *GECCO 2012 Introductory tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 711–736.

- [98] De Jong K. Evolutionary computation: a unified approach. In: *GECCO 2012 Introductory tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 737–750.
- [99] Pelikan M. Probabilistic model-building genetic algorithms. In: *GECCO 2012 Introductory tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 777–804.
- [100] Stanley KO. Evolving neural networks. In: *GECCO 2012 Introductory tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 805–826.
- [101] Auger A, Hansen N. Tutorial CMA-ES: evolution strategies and covariance matrix adaptation. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 827–848.
- [102] Coello Coello CA. Constraint-handling techniques used with evolutionary algorithms. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 849–872.
- [103] Rothlauf F. Representations for evolutionary algorithms. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 873–894.
- [104] Wineberg M. Statistical analysis for evolutionary computation: an introduction. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 895–916.
- [105] Rowe JE. Genetic algorithm theory. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 917–940.
- [106] Whitley D, Sutton A. Elementary landscapes: theory and applications. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 941–960.
- [107] Verel S. Fitness landscapes and graphs: multimodularity, ruggedness and neutrality. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1013–1034.
- [108] Neumann F, Witt C. Bioinspired computation in combinatorial optimization: algorithms and their computational complexity. In: *GECCO 2012 Advanced tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1035–1058.
- [109] Jansen T, Zarges C. Artificial immune systems for optimisation. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1059–1078.
- [110] Doerr B. Black-box complexity: from complexity theory to playing mastermind. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1079–1092.
- [111] Miller JF, Harding S. GECCO 2012 tutorial: cartesian genetic programming. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1093–1116.
- [112] Collet P, Harding S. Evolutionary algorithms and genetic programming on graphic processing units (GPU). In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1117–1138.
- [113] Loiacono D, PreußM. Computational intelligence in games. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1139–1140.
- [114] Bush WS. Introduction to bioinformatics and computational biology. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1141–1170.

- [115] Bacardit J, Llorà X. Large scale data mining using genetics-based machine learning. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1171–1196.
- [116] Ochoa G. Hyper-heuristics and cross-domain optimization. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1197–1214.
- [117] Sudholt D. Theory of swarm intelligence. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1215–1238.
- [118] Lehre PK. Drift analysis. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1239–1258.
- [119] Wagner S, Kronberger G. Algorithm and experiment design with heuristic lab: an open source optimization environment for research and education. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1287–1316.
- [120] Moraglio A. Geometry of evolutionary algorithms. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1317–1344.
- [121] Forrest S, LeGoues C. Evolutionary software repair. In: *GECCO 2012 Specialized techniques and applications tutorials*, edited by Ochoa G. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1345–1348.
- [122] Longo G, Montévil M, Kauffman S. No entailing laws, but enablement in the evolution of the biosphere. In: *GECCO 2012 Keynote talks*, edited by Moore JH. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1379–1392.
- [123] Schoonover CE. How to look inside the brain. In: *GECCO 2012 Keynote talks*, edited by Moore JH. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1393–1394.
- [124] Abdelbar AM, Wunsch DC. Improving the performance of MAX-MIN ant system on the TSP using stubborn ants. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1395–1396.
- [125] Rajasekhar A, Das S, Das S. muABC: a micro artificial bee colony algorithm for large scale global optimization. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1399–1400.
- [126] Richard WK, Majercik SM. Swarm-based path creation in dynamic environments for search and rescue. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1401–1402.

- [127] Setayesh M, Zhang M, Johnston M. A spatial random-meaningful neighbourhood topology in pso for edge detection in noisy images. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1403–1404.
- [128] Bongard J, Beliveau P, Hornby G. Avoiding local optima with interactive evolutionary robotics. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1405–1406.
- [129] Byers C, Cheng B, McKinley P. Exploring the evolution of internal control structure using digital enzymes. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1407–1408.
- [130] Knudson M, Tumer K. Policy transfer in mobile robots using neuro-evolutionary navigation. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1411–1412.
- [131] Castellini A, Manca V, Zucchelli M, Busato M. A genetic approach for synthesizing metabolic models from time series. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1415–1416.
- [132] Jimbo HC, Craven MJ. A dynamical model of cancer chemotherapy with disturbance. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1417–1418.
- [133] Komiya K, Noman N, Iba H. The search for robust topologies of oscillatory gene regulatory networks by evolutionary computation. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich

- T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1419–1420.
- [134] Nobile MS, Besozzi D, Cazzaniga P, Mauri G, Pescini D. Estimating reaction constants in stochastic biological systems with a multi-swarm PSO running on GPUs. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1421–1422.
- [135] Palafox L, Hitoshi I. Gene regulatory network reverse engineering using population based incremental learning and K-means. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1423–1424.
- [136] Pascalie J, Lobjois V, Luga H, Ducommun B, Duthen Y. Checkpoint oriented cell-cycle simulation: critical role for age distribution initialization. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1425–1426.
- [137] Hsueh CH, Yu TL. Affective content based music video paring system using real coded GA. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1427–1428.
- [138] Helmi BH, Pelikan M, Rahmani AT. Linkage learning using the maximum spanning tree of the dependency graph. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1429–1430.
- [139] Regis RG. Surrogate-assisted evolutionary programming for high dimensional constrained black-box optimization. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1431–1432.

- [140] Carneiro MG, Oliveira GMB. Synchronous cellular automata scheduler with construction heuristic to static task scheduling in multiprocessors. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1433–1434.
- [141] Kattan A, Fatima S. Evolving optimal agendas and strategies for negotiation in dynamic environments: a surrogate based approach. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1435–1436.
- [142] Mani N, Srivastava G, Sinha AK, Mani A. An evaluation of cellular population model for improving quantum-inspired evolutionary algorithm. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1437–1438.
- [143] García ER, Gutiérrez RM, Velázquez PL, Ponsich A, Ángel Gutiérrez Andrade M, De Los Cobos Silva S. A discrete artificial bee colony algorithm for the multi-objective redistricting problem. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1439–1440.
- [144] Rocki K, Suda R. An efficient GPU implementation of a multi-start TSP solver for large problem instances. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1441–1442.
- [145] Nasir M, Sengupta S, Das S, Das S. Configuration of sensors on a 3-D terrain: an approach based on evolutionary multi-objective optimization. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1443–1444.

- [146] Amiri B, Hossain L, Crowford J. A multiobjective hybrid evolutionary algorithm for clustering in social networks. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1445–1446.
- [147] Matoso L, Junior F, Pereira A, Veloso A, Wagner Meira J. New evolutionary approaches to high-dimensional data. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1447–1448.
- [148] Sepúlveda MJ, Chau W, Strum M, Pedraza C, Gogniat G, Pires R. Multi-objective artificial immune algorithm for security-constrained multi-application NoC mapping. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1449–1450.
- [149] Zaefferer M, Bartz-Beielstein T, Friese M, Naujoks B, Flasch O. Multi-criteria optimization for hard problems under limited budgets. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1451–1452.
- [150] Gomez F, Koutník J, Schmidhuber J. Complexity search for compressed neural networks. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1455–1456.
- [151] Rieffel J, Smith S. Growing and evolving soft robots with a face-encoding tetrahedral grammar. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1457–1458.
- [152] Bazargani M, Anjos A, Lobo F, Mollahosseini A, Shahbazkia H. Affine image registration transformation estimation using a real coded genetic algorithm with SBX. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta

- D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1459–1460.
- [153] Burjorjee K. Explaining adaptation in genetic algorithms with uniform crossover: the hyperclimbing hypothesis. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1461–1462.
- [154] Julstrom BA. Clans and cooperation in the iterated prisoner’s dilemma. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1463–1464.
- [155] Oliwa T, Rasheed K. A surrogate-assisted and informed linkage aware GA. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1467–1468.
- [156] Ranjeet T, Hingston P, Lam CP, Masek M. Evaluating coevolution on a multimodal problem. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1469–1470.
- [157] Ryerkerk M, Averill R, Deb K, Goodman E. Meaningful representation and recombination of variable length genomes. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1471–1472.
- [158] Santana R, Mendiburu A, Lozano J. Evolving NK-complexity for evolutionary solvers. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1473–1474.

- [159] Tsai CW, Lin TY, Chiang MC, Yang CS, Hong TP. Continuous space pattern reduction for genetic clustering algorithm. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1475–1476.
- [160] Behzadan B, Smith RE. An information-based approach towards neuro-evolution. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1491–1492.
- [161] Fredivianus N, Kara K, Schmeck H. Stay real!: XCS with rule combining for real values. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1493–1494.
- [162] Gullo F, Talukder AK, Luke S, Domeniconi C, Tagarelli A. Multiobjective optimization of co-clustering ensembles. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1495–1496.
- [163] Bartoli A, Davanzo G, De Lorenzo A, Mauri M, Medvet E, Sorio E. Automatic generation of regular expressions from examples with genetic programming. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1477–1478.
- [164] Nourashrafeddin S, Arnold D, Milios E. An evolutionary subspace clustering algorithm for high-dimensional data. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1497–1498.
- [165] Correia J, Machado P, Romero J. Improving haar cascade classifiers through the synthesis of new training examples. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann

- F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1479–1480.
- [166] Fagan D, Hemberg E, Nicolau M, O'Neill M, McGarraghy S. Towards adaptive mutation in grammatical evolution. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1481–1482.
- [167] Schneider N. Generic prognosis with evolutionary approaches. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1501–1502.
- [168] Fu W, Johnston M, Zhang M. Genetic programming for edge detection based on figure of merit. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1483–1484.
- [169] Sun Q, Pfahringer B, Mayo M. Full model selection in the space of data mining operators. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1503–1504.
- [170] Helmuth T, Spector L. Empirical investigation of size-based tournaments for node selection in genetic programming. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1485–1486.
- [171] Krawiec K, Pawlak T. Locally geometric semantic crossover. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1487–1488.

- [172] Trujillo L, Martinez Y, Lopez EG, Legrand P. A comparative study of an evolvability indicator and a predictor of expected performance for genetic programming. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1489–1490.
- [173] Coletti M. The effects of training set size and keeping rules on the emergent selection pressure of learnable evolution model. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1505–1506.
- [174] Jebari K, Bouroumi A, Ettouhami A. Genetic fuzzy rules for DOPs. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1507–1508.
- [175] long Li Y, Zhang J, neng Chen W. Differential evolution algorithm with PCA-based crossover. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1509–1510.
- [176] Maturana J, Vergara F, Rojas C, Saubion F, Vargas F, Vidal D. Improving clonal colony optimization to evolve robust solutions. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1511–1512.
- [177] hui Zhan Z, Zhang J. Enhance differential evolution with random walk. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1513–1514.
- [178] Merelo-Guervós JJ, Mora AM, Esparcia AI, Fernandes CM. Validating design choices in a pool-based distributed evolutionary algorithms architecture. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong

- YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1517–1518.
- [179] Noroozi V, Hashemi AB, Meybodi MR. Alpinist CellularDE: a cellular based optimization algorithm for dynamic environments. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1519–1520.
- [180] Alford A, Adams J, Shelton J, Bryant K, Kelly J, Dozier G. Analyzing the cross-generalization ability of a hybrid genetic & evolutionary application for multibiometric feature weighting and selection. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1521–1522.
- [181] Bazzan AL. Co-evolution of the dynamics in population games: the case of traffic flow assignment. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1523–1524.
- [182] Kim J, Moon BR. New malware detection system using metric-based method and hybrid genetic algorithm. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1527–1528.
- [183] Ono S, Nakayama S. User-system cooperative evolution for Japanese anagram sentence generation. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1529–1530.
- [184] Pinto J, Horta N. Automated passive filter design using multi-objective genetic algorithms with variable parameters. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby

- G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1531–1532.
- [185] Sher GI. Forex trading using geometry sensitive neural networks. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1533–1534.
- [186] Soltero FJ, Bodas-Sagi DJ, Fernández-Blanco P, Hidalgo JI, de Vega FF. Optimization of technical indicators in real time with multiobjective evolutionary algorithms. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1535–1536.
- [187] Suciu M, Cremene M, Pop F, Dumitrescu D. Equitable solutions in QoS-aware service optimization. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1537–1538.
- [188] Yefimochkin O, Neves R, Horta N. An evolutionary approach to define investment strategies based on macroeconomic indicators and VIX data. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1539–1540.
- [189] de Oliveira Barros M, Costa HR, Figueiredo FV, Cavalcanti da Rocha AR. Multiobjective optimization for project portfolio selection. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1541–1542.
- [190] Chen N, Zhang J, Liu O. Adaptive genetic algorithm based on density distribution of population. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1543–1544.

- [191] López-Camacho E, Terashima-Marín H, Conant-Pablos SE. The impact of the bin packing problem structure in hyper-heuristic performance. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1545–1546.
- [192] Manukyan N, Eppstein MJ, Horbar JD, Leahy KA, Kenny MJ, Mukherjee S, Rizzo DM. Evolutionary mining for multivariate associations in large time-varying data sets: a healthcare network application. In: *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, edited by Soule T, Auger A, Moore J, Pelta D, Solnon C, Preuss M, Dorin A, Ong YS, Blum C, Silva DL, Neumann F, Yu T, Ekart A, Browne W, Kovacs T, Wong ML, Pizzuti C, Rowe J, Friedrich T, Squillero G, Bredeche N, Smith S, Motsinger-Rei A, Lozano J, Pelikan M, Meyer-Nienber S, Igel C, Hornby G, Doursat R, Gustafson S, Olague G, Yoo S, Clark J, Ochoa G, Pappa G, Lobo F, Tauritz D, Branke J, Deb K. Philadelphia, Pennsylvania, USA: ACM. 2012; pp. 1547–1548.
- [193] Rand B, Tantar AA, Tantar E, Bosman PA, Padhye N, Baughman A, Van Der Stock S, Perlitz M, Gustafson SM, Jesneck J, Pappa GL, Woodward J, Hyde MR, Swan J, Wagner S, Affenzeller M, Auger A, Chotard A, Hansen N, Heidrich-Meisner V, Mersmann O, Posik P, Preuss M, Stonedahl F, Riolo R, Doncieux S, Jin Y, Mouret JB, Loiacono D, Orriols-Puig A, Urbanowicz R, McClymont K, Keedwell E, Everson R, Fieldsend J, Walker D, Fernandez de Vega F, Cotta C, Gustafson S, Vladislavleva E, Smith SL, Cagnoni S, Patton RM, Goings S, Motsinger-Reif A, Rodriguez K, Blum C, Ochoa G, Moore JH, eds. *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*. Philadelphia, Pennsylvania, USA. 2012.