Список литературы

- [1] Hutterer, S, Affenzeller, M, & Auinger, F. (2012) Evolutionary optimization of multi-agent controlstrategies for electric vehicle charging eds. Tantar, A.-A, Tantar, E, & Bosman, P. A. (ACM, Philadelphia, Pennsylvania, USA), pp. 3–10.
- [2] Toutouh, J & Alba, E. (2012) Green OLSR in VANETs with differential evolution eds. Tantar, A.-A, Tantar, E, & Bosman, P. A. (ACM, Philadelphia, Pennsylvania, USA), pp. 11–18.
- [3] Phan, D. H, Suzuki, J, Carroll, R, Balasubramaniam, S, Donnelly, W, & Botvich, D. (2012) Evolutionary multiobjective optimization for green clouds eds. Tantar, A.-A, Tantar, E, & Bosman, P. A. (ACM, Philadelphia, Pennsylvania, USA), pp. 19–26.
- [4] Cavalcante, E. S, Aquino, A. L, Pappa, G. L, & Loureiro, A. A. (2012) Roadside unit deployment for information dissemination in a VANET: an evolutionary approach eds. Tantar, A.-A, Tantar, E, & Bosman, P. A. (ACM, Philadelphia, Pennsylvania, USA), pp. 27–34.
- [5] Kromer, P, Prokop, L, Snasel, V, Misak, S, Platos, J, & Abraham, A. (2012) Evolutionary prediction of photovoltaic power plant energy production eds. Tantar, A.-A, Tantar, E, & Bosman, P. A. (ACM, Philadelphia, Pennsylvania, USA), pp. 35–42.
- [6] Padhye, N. (2012) Evolutionary approaches for real world applications in 21st century eds. Padhye, N, Baughman, A, Van Der Stock, S, Perlitz, M, Gustafson, S. M, & Jesneck, J. (ACM, Philadelphia, Pennsylvania, USA), pp. 43–48.
- [7] Lourenço, N, Pereira, F, & Costa, E. (2012) Evolving evolutionary algorithms eds. Pappa, G. L, Woodward, J, Hyde, M. R, & Swan, J. (ACM, Philadelphia, Pennsylvania, USA), pp. 51–58.
- [8] Goldman, B. W & Tauritz, D. R. (2012) Supportive coevolution eds. Pappa, G. L, Woodward, J, Hyde, M. R, & Swan, J. (ACM, Philadelphia, Pennsylvania, USA), pp. 59–66.
- [9] Woodward, J. R & Swan, J. (2012) The automatic generation of mutation operators for genetic algorithms eds. Pappa, G. L, Woodward, J, Hyde, M. R, & Swan, J. (ACM, Philadelphia, Pennsylvania, USA), pp. 67–74.
- [10] Harrington, K. I, Spector, L, Pollack, J. B, & O'Reilly, U.-M. (2012) Autoconstructive evolution for structural problems eds. Pappa, G. L, Woodward, J, Hyde, M. R, & Swan, J. (ACM, Philadelphia, Pennsylvania, USA), pp. 75–82.
- [11] De Rainville, F.-M, Fortin, F.-A, Gardner, M.-A, Parizeau, M, & Gagné, C. (2012) *DEAP:* a python framework for evolutionary algorithms eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 85–92.
- [12] Otero, F, Castle, T, & Johnson, C. (2012) *EpochX: genetic programming in java with statistics and event monitoring* eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 93–100.
- [13] Kommenda, M, Kronberger, G, Wagner, S, Winkler, S, & Affenzeller, M. (2012) On the architecture and implementation of tree-based genetic programming in HeuristicLab eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 101–108.
- [14] Merelo, J. J, Fernandes, C. M, Mora, A. M, & Esparcia, A. I. (2012) SofEA: a pool-based framework for evolutionary algorithms using CouchDB eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 109–116.
- [15] Nashed, Y. S, Ugolotti, R, Mesejo, P, & Cagnoni, S. (2012) libCudaOptimize: an open source library of GPU-based metaheuristics eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 117–124.
- [16] Beham, A, Pitzer, E, Wagner, S, Affenzeller, M, Altendorfer, K, Felberbauer, T, & Bäck, M. (2012) Integration of flexible interfaces in optimization software frameworks for simulation-based optimization eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 125–132.

- [17] Connelly, B. D, Zaman, L, & McKinley, P. K. (2012) The SEEDS platform for evolutionary and ecological simulations eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 133–140.
- [18] Scheibenpflug, A, Wagner, S, Pitzer, E, & Affenzeller, M. (2012) Optimization knowledge base: an open database for algorithm and problem characteristics and optimization results eds. Wagner, S & Affenzeller, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 141–148.
- [19] Dobslaw, F. (2012) INPUT: the intelligent parameter utilization tool eds. Wagner, S & Affenzeller,
 M. (ACM, Philadelphia, Pennsylvania, USA), pp. 149–156.
- [20] Liao, T, Molina, D, Stutzle, T, Montes de Oca, M. A, & Dorigo, M. (2012) An ACO algorithm benchmarked on the BBOB noiseless function testbed eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 159–166.
- [21] Chuang, Y.-C & Chen, C.-T. (2012) Black-box optimization benchmarking for noiseless function testbed using a direction-based RCGA eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 167–174.
- [22] Loshchilov, I, Schoenauer, M, & Sebag, M. (2012) Black-box optimization benchmarking of IPOP-saACM-ES and BIPOP-saACM-ES on the BBOB-2012 noiseless testbed eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 175–182.
- [23] de Melo, V. V. (2012) Benchmarking the multi-view differential evolution on the noiseless BBOB-2012 function testbed eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 183–188.
- [24] Poaík, P & Klema, V. (2012) Benchmarking the differential evolution with adaptive encoding on noiseless functions eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 189–196.
- [25] Schaul, T. (2012) Benchmarking separable natural evolution strategies on the noiseless and noisy black-box optimization testbeds eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 205–212.
- [26] Voglis, C, Piperagkas, G. S, Parsopoulos, K. E, Papageorgiou, D. G, & Lagaris, I. E. (2012) MEMPSODE: an empirical assessment of local search algorithm impact on a memetic algorithm using noiseless testbed eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 245–252.
- [27] Brockhoff, D, Auger, A, & Hansen, N. (2012) On the effect of mirroring in the IPOP active CMA-ES on the noiseless BBOB testbed eds. Auger, A, Chotard, A, Hansen, N, Heidrich-Meisner, V, Mersmann, O, Posik, P, & Preuss, M. (ACM, Philadelphia, Pennsylvania, USA), pp. 277–284.
- [28] Zhang, X.-F, Koshimura, M, Fujita, H, & Hasegawa, R. (2012) Hybrid particle swarm optimization and convergence analysis for scheduling problems eds. Stonedahl, F & Riolo, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 307–314.
- [29] Shafiee, E & Zechman, E. (2012) Integrating evolutionary computation and sociotechnical simulation for flushing contaminated water distribution systems eds. Stonedahl, F & Riolo, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 315–322.
- [30] Woodard, C. J & Clemons, E. K. (2012) Modeling technology evolution using generalized genotype-phenotype maps eds. Stonedahl, F & Riolo, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 323–330.
- [31] van Lon, R. R, Holvoet, T, Vanden Berghe, G, Wenseleers, T, & Branke, J. (2012) Evolutionary synthesis of multi-agent systems for dynamic dial-a-ride problems eds. Stonedahl, F & Riolo, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 331–336.

- [32] van Berkel, S, Turi, D, Pruteanu, A, & Dulman, S. (2012) Automatic discovery of algorithms for multi-agent systems eds. Stonedahl, F & Riolo, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 337–344.
- [33] Ozisik, A. P & Harrington, K. I. (2012) The effects of tags on the evolution of honest signaling eds. Stonedahl, F & Riolo, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 345–352.
- [34] Doncieux, S, Jin, Y, & Mouret, J.-B. (2012) Evo-devo-robo workshop program eds. Doncieux, S, Jin, Y, & Mouret, J.-B. (ACM, Philadelphia, Pennsylvania, USA), pp. 355–356.
- [35] Joachimczak, M, Kowaliw, T, Doursat, R, & Wróbel, B. (2012) Evolving morphologies and controllers for soft-bodied multicellular animats using gene regulatory networks and artificial embryogenesis eds. Doncieux, S, Jin, Y, & Mouret, J.-B. (ACM, Philadelphia, Pennsylvania, USA), pp. 357–360.
- [36] Palmer, M. E & Chou, A. K. (2012) An artificial visual cortex drives behavioral evolution in coevolved predator and prey robots eds. Doncieux, S, Jin, Y, & Mouret, J.-B. (ACM, Philadelphia, Pennsylvania, USA), pp. 361–364.
- [37] Rudinac, M, Lenseigne, B, & Jonker, P. P. (2012) Empirical mode decomposition for saliency detection eds. Doncieux, S, Jin, Y, & Mouret, J.-B. (ACM, Philadelphia, Pennsylvania, USA), pp. 365–368.
- [38] Ollion, C, Pinville, T, & Doncieux, S. (2012) Emergence of memory in neuroevolution: impact of selection pressures eds. Doncieux, S, Jin, Y, & Mouret, J.-B. (ACM, Philadelphia, Pennsylvania, USA), pp. 369–372.
- [39] Lee, P, Teng, Y, & Hsiao, T.-C. (2012) XCSF for prediction on emotion induced by image based on dimensional theory of emotion eds. Loiacono, D, Orriols-Puig, A, & Urbanowicz, R. (ACM, Philadelphia, Pennsylvania, USA), pp. 375–382.
- [40] Tinós, R. (2012) Analysing fitness landscape changes in evolutionary robots eds. McClymont, K & Keedwell, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 385–392.
- [41] Pitzer, E, Beham, A, & Affenzeller, M. (2012) Generic hardness estimation using fitness and parameter landscapes applied to robust taboo search and the quadratic assignment problem eds. McClymont, K & Keedwell, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 393–400.
- [42] Spector, L. (2012) Assessment of problem modality by differential performance of lexicase selection in genetic programming: a preliminary report eds. McClymont, K & Keedwell, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 401–408.
- [43] Garrett, D. (2012) A call for collaborative landscape analysis eds. McClymont, K & Keedwell, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 409–416.
- [44] Tosch, E & Spector, L. (2012) Achieving COSMOS: a metric for determining when to give up and when to reach for the stars eds. McClymont, K & Keedwell, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 417–424.
- [45] McClymont, K, Walker, D, & Dupenois, M. (2012) The lay of the land: a brief survey of problem understanding eds. McClymont, K & Keedwell, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 425–432.
- [46] Fernandes, C. M, Mora, A, Merelo, J. J, Fernández, F, & Rosa, A. (2012) Generating colored 2-dimensional representations of sleep EEG with the KANTS clustering algorithm eds. Everson, R, Fieldsend, J, & Walker, D. (ACM, Philadelphia, Pennsylvania, USA), pp. 435–442.
- [47] Walker, D, Fieldsend, J, & Everson, R. (2012) Visualising many-objective populations eds. Everson, R, Fieldsend, J, & Walker, D. (ACM, Philadelphia, Pennsylvania, USA), pp. 451–458.

- [48] Kaliakatsos-Papakostas, M. A, Floros, A, Kanellopoulos, N, & Vrahatis, M. N. (2012) Genetic evolution of L and FL-systems for the production of rhythmic sequences eds. Fernandez de Vega, F & Cotta, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 461–468.
- [49] Rafael, B, Affenzeller, M, & Wagner, S. (2012) An adaption of the schema theorem to various crossover and mutation operators for a music segmentation problem eds. Fernandez de Vega, F & Cotta, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 469–476.
- [50] Reis, G, Fernandéz, F, & Ferreira, A. (2012) Evolutionary algorithms and automatic transcription of music eds. Fernandez de Vega, F & Cotta, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 477–484.
- [51] Aleb, N & Kechid, S. (2012) A new framework for scalable genetic programming eds. Gustafson, S & Vladislavleva, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 487–492.
- [52] Hemberg, E, Veeramachaneni, K, & O'Reilly, U.-M. (2012) Graphical models and what they reveal about GP when it solves a symbolic regression problem eds. Gustafson, S & Vladislavleva, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 493–494.
- [53] Bartz-Beielstein, T, Flasch, O, & Zaefferer, M. (2012) Sequential parameter optimization for symbolic regression eds. Gustafson, S & Vladislavleva, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 495–496.
- [54] Kotanchek, M. (2012) Robust function discovery and feature selection for life sciences and engineering eds. Gustafson, S & Vladislavleva, E. (ACM, Philadelphia, Pennsylvania, USA), pp. 497–498.
- [55] Darvish, A, Rahnamayan, S, & Mohamad, Z. S. (2012) Interactive differential evolution for prostate ultrasound image thresholding eds. Smith, S. L, Cagnoni, S, & Patton, R. M. (ACM, Philadelphia, Pennsylvania, USA), pp. 501–508.
- [56] Cagnoni, S, Cordón, O, Mesejo, P, Nashed, Y. S, & Ugolotti, R. (2012) First results and future developments of the MIBISOC Project in the IBISlab of the university of parma eds. Smith, S. L, Cagnoni, S, & Patton, R. M. (ACM, Philadelphia, Pennsylvania, USA), pp. 509–516.
- [57] Dumas, L, Boutouyrie, P, & Bozec, E. (2012) An optimal reconstruction of the human arterial tree from doppler echotracking measurements eds. Smith, S. L, Cagnoni, S, & Patton, R. M. (ACM, Philadelphia, Pennsylvania, USA), pp. 517–522.
- [58] Rogalsky, T. (2012) Bezier control parameterization for evolutionary optimization in disease models eds. Smith, S. L, Cagnoni, S, & Patton, R. M. (ACM, Philadelphia, Pennsylvania, USA), pp. 523–530.
- [59] Bevilacqua, V, Filograno, G, Fiorentino, M, & Uva, A. E. (2012) Early diagnosis of lung tumors by genetically optimized 3D-metaball malignancy metric eds. Smith, S. L, Cagnoni, S, & Patton, R. M. (ACM, Philadelphia, Pennsylvania, USA), pp. 531–538.
- [60] Tan, M, Deklerck, R, Jansen, B, & Cornelis, J. (2012) Analysis of a feature-deselective neuroevolution classifier (FD-NEAT) in a computer-aided lung nodule detection system for CT images eds. Smith, S. L, Cagnoni, S, & Patton, R. M. (ACM, Philadelphia, Pennsylvania, USA), pp. 539–546.
- [61] Bernstein, O. (2012) Flea market simulator: a market simulator for experiments on the computational evolution of trading strategies for economic agents ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 549–554.
- [62] Gagne, D. J. (2012) GAMIV: a genetic algorithm for identifying variable-lengthmotifs in noncoding DNA ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 555–558.
- [63] English, A, Petruso, H, & Wang, C. (2012) Grammatical evolution decision trees for trio designs ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 559–562.

- [64] Thompson, J. (2012) Trade-offs using GAMID for the inference of DNA motifs that are represented in only a subset of sequences of interest ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 563–568.
- [65] Yeboah-Antwi, K. (2012) Evolving software applications using genetic programming PushCalc: the evolved calculator ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 569–572.
- [66] Gao, Y & Lv, D. (2012) Principal coordinate strategy: a novel adaptive control strategy for differential evolution ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 573–578.
- [67] Kuehn, T. J. (2012) Evolutionary fabrication: a system of autonomous invention ed. Goings, S. (ACM, Philadelphia, Pennsylvania, USA), pp. 579–584.
- [68] Mlakar, M, Tuaar, T, & Filipić, B. (2012) Discrete vs. continuous multiobjective optimization of continuous casting of steel ed. Motsinger-Reif, A. (ACM, Philadelphia, Pennsylvania, USA), pp. 587–590.
- [69] Buzdalov, M & Sokolov, A. (2012) Evolving EFSMs solving a path-planning problem by genetic programming ed. Motsinger-Reif, A. (ACM, Philadelphia, Pennsylvania, USA), pp. 591–594.
- [70] Marvel, S & Motsinger-Reif, A. (2012) Grammatical evolution support vector machines for predicting human genetic disease association ed. Motsinger-Reif, A. (ACM, Philadelphia, Pennsylvania, USA), pp. 595–598.
- [71] Han, S. (2012) Batting order optimization by genetic algorithm ed. Motsinger-Reif, A. (ACM, Philadelphia, Pennsylvania, USA), pp. 599–602.
- [72] Chivilikhin, D, Ulyantsev, V, & Tsarev, F. (2012) Test-based extended finite-state machines induction with evolutionary algorithms and ant colony optimization ed. Motsinger-Reif, A. (ACM, Philadelphia, Pennsylvania, USA), pp. 603–606.
- [73] Hoover, K, Marceau, R, Harris, T, Reif, D, & Motsinger-Reif, A. (2012) A comparison of GE optimized neural networks and decision trees ed. Motsinger-Reif, A. (ACM, Philadelphia, Pennsylvania, USA), pp. 611–614.
- [74] Yoon, D.-M & Kim, K.-J. (2012) Comparison of scoring methods for interactive evolutionary computation based image retouching system eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 617–618.
- [75] Comis Da Ronco, C & Benini, E. (2012) GeDEA-II: a simplex-crossover based multi objective evolutionary algorithm including the genetic diversity asobjective eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 619–620.
- [76] Semenov, M. A & Stratonowitch, P. (2012) Application of evolutionary algorithms for model calibration eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 621– 622.
- [77] Ellabaan, M. M. H & Ong, Y. S. (2012) Experiences on memetic computation for locating transition states in biochemical applications eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 623–624.
- [78] Mukherjee, S & Eppstein, M. J. (2012) Differential evolution of constants in genetic programming improves efficacy and bloat eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 625–626.
- [79] Beliveau, P, Hornby, G, & Bongard, J. (2012) Interactive simulated robot construction and controller evolution eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 627–628.
- [80] Tsutsui, S & Fujimoto, N. (2012) On the effect of using multiple GPUs in solving QAPs with CUDA eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 629–630.

- [81] Benbassat, A & Sipper, M. (2012) Evolving players that use selective game-tree search with genetic programming eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 631–632.
- [82] Pilat, M & Neruda, R. (2012) A surrogate multiobjective evolutionary strategy with local search and pre-selection eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 633–634.
- [83] Zaglauer, S. (2012) The evolutionary algorithm SAMOA with use of dynamic constraints eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 635–636.
- [84] Porta, M & Julstrom, B. A. (2012) Evolving instances of unconstrained binary quadratic programming that challenge a tabu search heuristic eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 639–640.
- [85] soo Park, H & Kim, K. J. (2012) Automatic python programming using stack-based genetic programming eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 641–642.
- [86] Fonlupt, C & Robilliard, D. (2012) Combining programs to counter code disruption eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 643–644.
- [87] Srivastava, R. K, Schmidhuber, J, & Gomez, F. (2012) Generalized compressed network search eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 647–648.
- [88] Ho, T.-Y & Yu, T.-L. (2012) A linkage-learning niching in estimation of distribution algorithm eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 649–650.
- [89] Banerjee, A. (2012) Density-based evolutionary outlier detection eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 651–652.
- [90] Quiroz, J. C, Banerjee, A, & Louis, S. J. (2012) 3-D modeling using collaborative evolution eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 653–654.
- [91] Iclanzan, D, Gaskó, N, & Dumitrescu, D. (2012) Evolving mixed nash equilibria for bimatrix games eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 655–656.
- [92] Raway, T, Schaffer, D. J, Kurtz, K. J, & Sayama, H. (2012) Evolving data sets to highlight the performance differences between machine learning classifiers eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 657–658.
- [93] Celis, S. E & Bongard, J. (2012) Not all physics simulators can be wrong in the same way eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 659–660.
- [94] Ismail, S. B, Legras, F, & Coppin, G. (2012) A new interactive evolutionary algorithm for the vehicle routing problem eds. Rodriguez, K & Blum, C. (ACM, Philadelphia, Pennsylvania, USA), pp. 661–668.
- [95] Goodman, E. D. (2012) Introduction to genetic algorithms ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 671–692.
- [96] O'Reilly, U.-M. (2012) Genetic programming: a tutorial introduction ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 693–710.
- [97] Baeck, T. (2012) Evolution strategies: basic introduction ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 711–736.
- [98] De Jong, K. (2012) Evolutionary computation: a unified approach ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 737–750.
- [99] Pelikan, M. (2012) Probabilistic model-building genetic algorithms ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 777–804.

- [100] Stanley, K. O. (2012) Evolving neural networks ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 805–826.
- [101] Auger, A & Hansen, N. (2012) Tutorial CMA-ES: evolution strategies and covariance matrix adaptation ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 827–848.
- [102] Coello Coello, C. A. (2012) Constraint-handling techniques used with evolutionary algorithms ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 849–872.
- [103] Rothlauf, F. (2012) Representations for evolutionary algorithms ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 873–894.
- [104] Wineberg, M. (2012) Statistical analysis for evolutionary computation: an introduction ed. Ochoa,
 G. (ACM, Philadelphia, Pennsylvania, USA), pp. 895–916.
- [105] Rowe, J. E. (2012) Genetic algorithm theory ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 917–940.
- [106] Whitley, D & Sutton, A. (2012) Elementary landscapes: theory and applications ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 941–960.
- [107] Verel, S. (2012) Fitness landscapes and graphs: multimodularity, ruggedness and neutrality ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1013–1034.
- [108] Neumann, F & Witt, C. (2012) Bioinspired computation in combinatorial optimization: algorithms and their computational complexity ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1035–1058.
- [109] Jansen, T & Zarges, C. (2012) Artificial immune systems for optimisation ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1059–1078.
- [110] Doerr, B. (2012) Black-box complexity: from complexity theory to playing mastermind ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1079–1092.
- [111] Miller, J. F & Harding, S. (2012) GECCO 2012 tutorial: cartesian genetic programming ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1093–1116.
- [112] Collet, P & Harding, S. (2012) Evolutionary algorithms and genetic programming on graphic processing units (GPU) ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1117–1138.
- [113] Loiacono, D & Preuß, M. (2012) Computational intelligence in games ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1139–1140.
- [114] Bush, W. S. (2012) Introduction to bioinformatics and computational biology ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1141–1170.
- [115] Bacardit, J & Llorà, X. (2012) Large scale data mining using genetics-based machine learning ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1171–1196.
- [116] Ochoa, G. (2012) Hyper-heuristics and cross-domain optimization ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1197–1214.
- [117] Sudholt, D. (2012) Theory of swarm intelligence ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1215–1238.
- [118] Lehre, P. K. (2012) *Drift analysis* ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1239–1258.
- [119] Wagner, S & Kronberger, G. (2012) Algorithm and experiment design with heuristic lab: an open source optimization environment for research and education ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1287–1316.
- [120] Moraglio, A. (2012) Geometry of evolutionary algorithms ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1317–1344.

- [121] Forrest, S & LeGoues, C. (2012) Evolutionary software repair ed. Ochoa, G. (ACM, Philadelphia, Pennsylvania, USA), pp. 1345–1348.
- [122] Longo, G, Montévil, M, & Kauffman, S. (2012) No entailing laws, but enablement in the evolution of the biosphere ed. Moore, J. H. (ACM, Philadelphia, Pennsylvania, USA), pp. 1379–1392.
- [123] Schoonover, C. E. (2012) *How to look inside the brain* ed. Moore, J. H. (ACM, Philadelphia, Pennsylvania, USA), pp. 1393–1394.
- [124] Abdelbar, A. M & Wunsch, D. C. (2012) Improving the performance of MAX-MIN ant system on the TSP using stubborn ants eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1395–1396.
- [125] Rajasekhar, A, Das, S, & Das, S. (2012) muABC: a micro artificial bee colony algorithm for large scale global optimization eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1399–1400.
- [126] Richard, W. K & Majercik, S. M. (2012) Swarm-based path creation in dynamic environments for search and rescue eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1401–1402.
- [127] Setayesh, M, Zhang, M, & Johnston, M. (2012) A spatial random-meaningful neighbourhood topology in pso for edge detection in noisy images eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1403–1404.
- [128] Bongard, J, Beliveau, P, & Hornby, G. (2012) Avoiding local optima with interactive evolutionary robotics eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1405–1406.
- [129] Byers, C, Cheng, B, & McKinley, P. (2012) Exploring the evolution of internal control structure using digital enzymes eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1407–1408.
- [130] Knudson, M & Tumer, K. (2012) Policy transfer in mobile robots using neuro-evolutionary navigation eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L,

- 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1411–1412.
- [131] Castellini, A, Manca, V, Zucchelli, M, & Busato, M. (2012) A genetic approach for synthesizing metabolic models from time series eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1415–1416.
- [132] Jimbo, H. C & Craven, M. J. (2012) A dynamical model of cancer chemotherapy with disturbance eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1417–1418.
- [133] Komiya, K, Noman, N, & Iba, H. (2012) The search for robust topologies of oscillatory gene regulatory networks by evolutionary computation eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1419–1420.
- [134] Nobile, M. S, Besozzi, D, Cazzaniga, P, Mauri, G, & Pescini, D. (2012) Estimating reaction constants in stochastic biological systems with a multi-swarm PSO running on GPUs eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1421–1422.
- [135] Palafox, L & Hitoshi, I. (2012) Gene regulatory network reverse engineering using population based incremental learning and K-means eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1423–1424.
- [136] Pascalie, J, Lobjois, V, Luga, H, Ducommun, B, & Duthen, Y. (2012) Checkpoint oriented cell-cycle simulation: critical role for age distribution initialization eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1425–1426.
- [137] Hsueh, C.-H & Yu, T.-L. (2012) Affective content based music video paring system using real coded GA eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1427–1428.
- [138] Helmi, B. H, Pelikan, M, & Rahmani, A. T. (2012) Linkage learning using the maximum spanning tree of the dependency graph eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1429–1430.
- [139] Regis, R. G. (2012) Surrogate-assisted evolutionary programming for high dimensional constrained black-box optimization eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1431–1432.
- [140] Carneiro, M. G & Oliveira, G. M. B. (2012) Synchronous cellular automata scheduler with construction heuristic to static task scheduling in multiprocessors eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1433–1434.
- [141] Kattan, A & Fatima, S. (2012) Evolving optimal agendas and strategies for negotiation in dynamic environments: a surrogate based approach eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1435–1436.
- [142] Mani, N, Srivastava, G, Sinha, A. K, & Mani, A. (2012) An evaluation of cellular population model for improving quantum-inspired evolutionary algorithm eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1437–1438.
- [143] García, E. R, Gutiérrez, R. M, Velázquez, P. L, Ponsich, A, Ángel Gutiérrez Andrade, M, & De Los Cobos Silva, S. (2012) A discrete artificial bee colony algorithm for the multi-objective redistricting problem eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1439–1440.
- [144] Rocki, K & Suda, R. (2012) An efficient GPU implementation of a multi-start TSP solver for large problem instances eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1441–1442.

- [145] Nasir, M, Sengupta, S, Das, S, & Das, S. (2012) Configuration of sensors on a 3-D terrain: an approach based on evolutionary multi-objective optimization eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1443–1444.
- [146] Amiri, B, Hossain, L, & Crowford, J. (2012) A multiobjective hybrid evolutionary algorithm for clustering in social networks eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1445–1446.
- [147] Matoso, L, Junior, F, Pereira, A, Veloso, A, & Wagner Meira, J. (2012) New evolutionary approaches to high-dimensional data eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1447–1448.
- [148] Sepúlveda, M. J, Chau, W, Strum, M, Pedraza, C, Gogniat, G, & Pires, R. (2012) Multi-objective artificial immune algorithm for security-constrained multi-application NoC mapping eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1449–1450.
- [149] Zaefferer, M, Bartz-Beielstein, T, Friese, M, Naujoks, B, & Flasch, O. (2012) Multi-criteria optimization for hard problems under limited budgets eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1451–1452.
- [150] Gomez, F, Koutník, J, & Schmidhuber, J. (2012) Complexity search for compressed neural networks eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1455–1456.
- [151] Rieffel, J & Smith, S. (2012) Growing and evolving soft robots with a face-encoding tetrahedral grammar eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1457–1458.
- [152] Bazargani, M, Anjos, A, Lobo, F, Mollahosseini, A, & Shahbazkia, H. (2012) Affine image registration transformation estimation using a real coded genetic algorithm with SBX eds. Soule,

- T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1459–1460.
- [153] Burjorjee, K. (2012) Explaining adaptation in genetic algorithms with uniform crossover: the hyperclimbing hypothesis eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1461–1462.
- [154] Julstrom, B. A. (2012) Clans and cooperation in the iterated prisoner's dilemma eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1463–1464.
- [155] Oliwa, T & Rasheed, K. (2012) A surrogate-assisted and informed linkage aware GA eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1467–1468.
- [156] Ranjeet, T, Hingston, P, Lam, C. P, & Masek, M. (2012) Evaluating coevolution on a multimodal problem eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1469–1470.
- [157] Ryerkerk, M, Averill, R, Deb, K, & Goodman, E. (2012) Meaningful representation and recombination of variable length genomes eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1471–1472.
- [158] Santana, R, Mendiburu, A, & Lozano, J. (2012) Evolving NK-complexity for evolutionary solvers eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1473–1474.
- [159] Tsai, C.-W, Lin, T.-Y, Chiang, M.-C, Yang, C.-S, & Hong, T.-P. (2012) Continuous space pattern reduction for genetic clustering algorithm eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1475–1476.
- [160] Behzadan, B & Smith, R. E. (2012) An information-based approach towards neuro-evolution eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1491–1492.
- [161] Fredivianus, N, Kara, K, & Schmeck, H. (2012) Stay real!: XCS with rule combining for real values eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1493–1494.
- [162] Gullo, F, Talukder, A. K, Luke, S, Domeniconi, C, & Tagarelli, A. (2012) Multiobjective optimization of co-clustering ensembles eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1495–1496.
- [163] Bartoli, A, Davanzo, G, De Lorenzo, A, Mauri, M, Medvet, E, & Sorio, E. (2012) Automatic generation of regular expressions from examples with genetic programming eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1477–1478.
- [164] Nourashrafeddin, S, Arnold, D, & Milios, E. (2012) An evolutionary subspace clustering algorithm for high-dimensional data eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1497–1498.
- [165] Correia, J, Machado, P, & Romero, J. (2012) Improving haar cascade classifiers through the synthesis of new training examples eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1479–1480.
- [166] Fagan, D, Hemberg, E, Nicolau, M, O'Neill, M, & McGarraghy, S. (2012) Towards adaptive mutation in grammatical evolution eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1481–1482.

- [167] Schneider, N. (2012) Generic prognosis with evolutionary approaches eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1501–1502.
- [168] Fu, W, Johnston, M, & Zhang, M. (2012) Genetic programming for edge detection based on figure of merit eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1483–1484.
- [169] Sun, Q, Pfahringer, B, & Mayo, M. (2012) Full model selection in the space of data mining operators eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1503–1504.
- [170] Helmuth, T & Spector, L. (2012) Empirical investigation of size-based tournaments for node selection in genetic programming eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1485–1486.
- [171] Krawiec, K & Pawlak, T. (2012) Locally geometric semantic crossover eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1487–1488.
- [172] Trujillo, L, Martinez, Y, Lopez, E. G, & Legrand, P. (2012) A comparative study of an evolvability indicator and a predictor of expected performance for genetic programming eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1489–1490.
- [173] Coletti, M. (2012) The effects of training set size and keeping rules on the emergent selection pressure of learnable evolution model eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1505–1506.
- [174] Jebari, K, Bouroumi, A, & Ettouhami, A. (2012) Genetic fuzzy rules for DOPs eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L,

- Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1507–1508.
- [175] long Li, Y, Zhang, J, & neng Chen, W. (2012) Differential evolution algorithm with PCA-based crossover eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1509–1510.
- [176] Maturana, J, Vergara, F, Rojas, C, Saubion, F, Vargas, F, & Vidal, D. (2012) Improving clonal colony optimization to evolve robust solutions eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1511–1512.
- [177] hui Zhan, Z & Zhang, J. (2012) Enhance differential evolution with random walk eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1513–1514.
- [178] Merelo-Guervós, J.-J, Mora, A. M, Esparcia, A. I, & Fernandes, C. M. (2012) Validating design choices in a pool-based distributed evolutionary algorithms architecture eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1517–1518.
- [179] Noroozi, V, Hashemi, A. B, & Meybodi, M. R. (2012) Alpinist CellularDE: a cellular based optimization algorithm for dynamic environments eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1519–1520.
- [180] Alford, A, Adams, J, Shelton, J, Bryant, K, Kelly, J, & Dozier, G. (2012) Analyzing the cross-generalization ability of a hybrid genetic & evolutionary application for multibiometric feature weighting and selection eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1521–1522.
- [181] Bazzan, A. L. (2012) Co-evolution of the dynamics in population games: the case of traffic flow assignment eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L,

- 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1523–1524.
- [182] Kim, J & Moon, B.-R. (2012) New malware detection system using metric-based method and hybrid genetic algorithm eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1527–1528.
- [183] Ono, S & Nakayama, S. (2012) User-system cooperative evolution for Japanese anagram sentence generation eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1529–1530.
- [184] Pinto, J & Horta, N. (2012) Automated passive filter design using multi-objective genetic algorithms with variable parameters eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1531–1532.
- [185] Sher, G. I. (2012) Forex trading using geometry sensitive neural networks eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1533–1534.
- [186] Soltero, F. J, Bodas-Sagi, D. J, Fernández-Blanco, P, Hidalgo, J. I, & de Vega, F. F. (2012) Optimization of technical indicators in real time with multiobjective evolutionary algorithms eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1535–1536.
- [187] Suciu, M, Cremene, M, Pop, F, & Dumitrescu, D. (2012) Equitable solutions in QoS-aware service optimization eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1537–1538.
- [188] Yefimochkin, O, Neves, R, & Horta, N. (2012) An evolutionary approach to define investment strategies based on macroeconomic indicators and VIX data eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1539–1540.
- [189] de Oliveira Barros, M, Costa, H. R, Figueiredo, F. V, & Cavalcanti da Rocha, A. R. (2012) Multiobjective optimization for project portfolio selection eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1541–1542.
- [190] Chen, N, Zhang, J, & Liu, O. (2012) Adaptive genetic algorithm based on density distribution of population eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1543–1544.
- [191] López-Camacho, E, Terashima-Marín, H, & Conant-Pablos, S. E. (2012) The impact of the bin packing problem structure in hyper-heuristic performance eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1545–1546.
- [192] Manukyan, N, Eppstein, M. J, Horbar, J. D, Leahy, K. A, Kenny, M. J, Mukherjee, S, & Rizzo, D. M. (2012) Evolutionary mining for multivariate associations in large time-varying data sets: a healthcare network application eds. Soule, T, Auger, A, Moore, J, Pelta, D, Solnon, C, Preuss, M, Dorin, A, Ong, Y.-S, Blum, C, Silva, D. L, Neumann, F, Yu, T, Ekart, A, Browne, W, Kovacs, T, Wong, M.-L, 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. (ACM, Philadelphia, Pennsylvania, USA), pp. 1547–1548.
- [193] Rand, B, Tantar, A.-A, Tantar, E, Bosman, P. A, Padhye, N, Baughman, A, Van Der Stock, S, Perlitz, M, Gustafson, S. M, Jesneck, J, Pappa, G. L, Woodward, J, Hyde, M. R, 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, J.-B, 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, S. L, Cagnoni, S, Patton, R. M, Goings, S, Motsinger-Reif, A, Rodriguez, K, Blum, C, Ochoa, G, & Moore, J. H, eds. (2012) GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion (Philadelphia, Pennsylvania, USA).