## Список литературы

- [1] U.-M. O'Reilly, Genetic programming: A tutorial introduction, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 3–19, ACM, 11-15 July, 2015.
- [2] K. A. De Jong, Evolutionary computation: A unified approach, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 21–35, ACM, 11-15 July, 2015.
- [3] D. Brockhoff and T. Wagner, Tutorial on evolutionary multiobjective optimization, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 37–63, ACM, 11-15 July, 2015.
- [4] A. Engelbrecht, Particle swarm optimization, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 65–91, ACM, 11-15 July, 2015.
- [5] D. Thierens and P. A. Bosman, Model-based evolutionary algorithms, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 93–120, ACM, 11-15 July, 2015.
- [6] P. K. Lehre and P. S. Oliveto, Runtime analysis of evolutionary algorithms: Basic introduction, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 121–136, ACM, 11-15 July, 2015.
- [7] R. Miikkulainen, Evolving neural networks, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 137–161, ACM, 11-15 July, 2015.
- [8] M. Tomassini, Introduction to complex networks, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 163–178, ACM, 11-15 July, 2015.
- [9] J. Miller and A. Turner, Cartesian genetic programming, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 179–198, ACM, 11-15 July, 2015.
- [10] J. R. Woodward and D. R. Tauritz, *Hyper-heuristics*, in *GECCO 2015 Introductory Tutorials* (A. Simoes, ed.), (Madrid, Spain), pp. 199–230, ACM, 11-15 July, 2015.
- [11] N. Bredeche, S. Doncieux and J.-B. Mouret, Tutorial on evolutionary robotics, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 231–261, ACM, 11-15 July, 2015.
- [12] R. Urbanowicz and W. Browne, Introducing rule-based machine learning: A practical guide, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 263–292, ACM, 11-15 July, 2015.
- [13] M. Preuss, Multimodal optimization, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 293–312, ACM, 11-15 July, 2015.
- [14] Y. Akimoto, A. Auger and N. Hansen, Continuous optimization and cma-es, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 313–344, ACM, 11-15 July, 2015.
- [15] F. Rothlauf, Representations for evolutionary algorithms, in GECCO 2015 Introductory Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 345–366, ACM, 11-15 July, 2015.
- [16] C. A. Coello Coello, Constraint-handling techniques used with evolutionary algorithms, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 367–389, ACM, 11-15 July, 2015.
- [17] D. Whitley, Blind no more: Constant time non-random improving moves and exponentially powerful recombination, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 391–407, ACM, 11-15 July, 2015.
- [18] L. Spector, Expressive genetic programming, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 409–434, ACM, 11-15 July, 2015.
- [19] F. Neumann and A. M. Sutton, Parameterized complexity analysis of evolutionary algorithms, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 435–450, ACM, 11-15 July, 2015.

- [20] D. Sudholt, Theory of swarm intelligence, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 451–471, ACM, 11-15 July, 2015.
- [21] M. Zhang and S. Cagnoni, Evolutionary image analysis, signal processing and pattern recognition, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 473–502, ACM, 11-15 July, 2015.
- [22] K. O. Stanley, Generative and developmental systems tutorial, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 503–532, ACM, 11-15 July, 2015.
- [23] A. Shehu and K. De Jong, Evolutionary algorithms for protein structure modeling, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 533–545, ACM, 11-15 July, 2015.
- [24] M. I. Heywood and K. Krawiec, Solving complex problems with coevolutionary algorithms, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 547–573, ACM, 11-15 July, 2015.
- [25] Y. Akimoto and A. Auger, Theory of evolution strategies and related algorithms, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 575–588, ACM, 11-15 July, 2015.
- [26] S. Cussat-Blanc and W. Banzhaf, Introduction to gene regulatory networks, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 589-601, ACM, 11-15 July, 2015.
- [27] A. Moraglio and K. Krawiec, Semantic genetic programming, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 603–627, ACM, 11-15 July, 2015.
- [28] S. Yang, Evolutionary computation for dynamic optimization problems, in GECCO 2015 Advanced Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 629–649, ACM, 11-15 July, 2015.
- [29] S. L. Smith, Medical applications of evolutionary computation, in GECCO 2015 Specialized Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 651–679, ACM, 11-15 July, 2015.
- [30] T. Stuetzle and M. Lopez-Ibanez, Automatic (offline) configuration of algorithms, in GECCO 2015 Specialized Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 681–702, ACM, 11-15 July, 2015.
- [31] E. Alba, Intelligent systems for smart cities, in GECCO 2015 Specialized Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 707–722, ACM, 11-15 July, 2015.
- [32] J. J. Merelo-Guervos, Low or no cost distributed evolutionary computation, in GECCO 2015 Specialized Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 703–706, ACM, 11-15 July, 2015.
- [33] M. M. Drugan, Synergies between evolutionary algorithms and reinforcement learning, in GECCO 2015 Specialized Tutorials (A. Simoes, ed.), (Madrid, Spain), pp. 723–740, ACM, 11-15 July, 2015.
- [34] J. E. Auerbach, G. Heitz, P. M. Kornatowski and D. Floreano, Rapid evolution of robot gaits, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 743–744, ACM, 11-15 July, 2015.
- [35] M. Ayodele, J. McCall and O. Regnier-Coudert, Probabilistic model enhanced genetic algorithm for multi-mode resource constrained project scheduling problem, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 745–746, ACM, 11-15 July, 2015.
- [36] A. Benbassat and A. Henik, Examining the stroop effect using a develomental spatial neuroevolution system, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 747–748, ACM, 11-15 July, 2015.
- [37] M. Buzdalov and V. Parfenov, Various degrees of steadiness in nsga-ii and their influence on the quality of results, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 749–750, ACM, 11-15 July, 2015.

- [38] O. Chebbi and J. Chaouachi, Evolutionary approach for minimizing consumed energy in a personal rapid transit transportation system with a multi-depot network topology: Minimizing consumed energy in a prt system with a multi-depot network topology, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 751-752, ACM, 11-15 July, 2015.
- [39] J.-M. Cutillas-Lozano, M.-A. Franco and D. Gimenez, Comparing variable width backtracking and metaheuristics, experiments with the maximum diversity problem, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 753-754, ACM, 11-15 July, 2015.
- [40] E. Fatnassi and J. Chaouachi, Design and development of a genetic algorithm for the distance constrained vehicle routing problem with environmental issues: Genetic algorithm for the green distance constrained vehicle routing problem, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 755-756, ACM, 11-15 July, 2015.
- [41] M. Gaudesi, A. Marcelli, E. Sanchez, G. Squillero and A. Tonda, Malware obfuscation through evolutionary packers, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 757–758, ACM, 11-15 July, 2015.
- [42] T. Hasegawa, K. Tsukada, N. Mori and K. Matsumoto, Adaptive evolution control with p-i similarity index for surrogate-assisted evolutionary computation, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 759–760, ACM, 11-15 July, 2015.
- [43] D. Lessin and S. Risi, Evolved virtual creatures with soft-body muscles: On a bio-mimetic path to meaningful morphological complexity, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 761–762, ACM, 11-15 July, 2015.
- [44] P. Lopez-Garcia, E. Onieva, E. Osaba, A. D. Masegosa and A. Perallos, Hybridizing genetic algorithm with cross entropy for solving continuous functions, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 763–764, ACM, 11-15 July, 2015.
- [45] J. Machado, R. Neves and N. Horta, Developing multi-time frame trading rules with a trend following strategy, using ga, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 765–766, ACM, 11-15 July, 2015.
- [46] J. A. McCall, L. A. Christie and A. E. Brownlee, Generating easy and hard problems using the proximate optimality principle, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 767–768, ACM, 11-15 July, 2015.
- [47] J. Miller and H. Broersma, Computational matter: Evolving computational solutions in materials, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 769–770, ACM, 11-15 July, 2015.
- [48] Z. Mu and H. H. Hoos, Empirical scaling analyser: An automated system for empirical analysis of performance scaling, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 771–772, ACM, 11-15 July, 2015.
- [49] J. C. Pereira and F. G. Lobo, Parameter-less evolutionary portfolio: First experiments, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 773–774, ACM, 11-15 July, 2015.
- [50] H. Sato, M. Miyakawa and E. Perez-Cortes, A parallel moea/d generating solutions in minimum overlapped update ranges of solutions, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 775–776, ACM, 11-15 July, 2015.
- [51] S. Tsutsui and N. Fujimoto, A comparative study of synchronization of parallel aco on multi-core processor, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 777–778, ACM, 11-15 July, 2015.

- [52] J. Xie, Y. Mei and A. Song, Evolving self-adaptive tabu search algorithm for storage location assignment problems, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 779–780, ACM, 11-15 July, 2015.
- [53] M. Zhang and Y. Deng, An improved artificial fish swarm algorithm in image segmentation application, in GECCO 2015 Late-Breaking Abstracts (D. Sudholt, ed.), (Madrid, Spain), pp. 781–782, ACM, 11-15 July, 2015.
- [54] M. Harman and J. Petke, Gi4gi: Improving genetic improvement fitness functions, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 793–794, ACM, 11-15 July, 2015.
- [55] V. Mrazek, Z. Vasicek and L. Sekanina, Evolutionary approximation of software for embedded systems: Median function, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 795–801, ACM, 11-15 July, 2015.
- [56] Y. Jia, F. Wu, M. Harman and J. Krinke, Genetic improvement using higher order mutation, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 803–804, ACM, 11-15 July, 2015.
- [57] W. B. Langdon and M. Harman, Grow and graft a better cuda pknotsry for rna pseudoknot free energy calculation, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 805–810, ACM, 11-15 July, 2015.
- [58] B. Cody-Kenny, E. Galvan-Lopez and S. Barrett, locogp: Improving performance by genetic programming java source code, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 811–818, ACM, 11-15 July, 2015.
- [59] B. R. Bruce, Energy optimisation via genetic improvement: A sbse technique for a new era in software development, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 819–820, ACM, 11-15 July, 2015.
- [60] S. O. Haraldsson and J. R. Woodward, Genetic improvement of energy usage is only as reliable as the measurements are accurate, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 821–822, ACM, 11-15 July, 2015.
- [61] R. E. Lopez-Herrejon, L. Linsbauer, W. K. Assuncao, S. Fischer, S. R. Vergilio and A. Egyed, Genetic improvement for software product lines: An overview and a roadmap, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 823–830, ACM, 11-15 July, 2015.
- [62] N. Burles, J. Swan, E. Bowles, A. E. Brownlee, Z. A. Kocsis and N. Veerapen, Embedded dynamic improvement, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 831–832, ACM, 11-15 July, 2015.
- [63] J. Landsborough, S. Harding and S. Fugate, Removing the kitchen sink from software, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 833–838, ACM, 11-15 July, 2015.
- [64] K. Yeboah-Antwi and B. Baudry, Embedding adaptivity in software systems using the ecselr framework, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 839–844, ACM, 11-15 July, 2015.
- [65] D. R. White and J. Singer, Rethinking genetic improvement programming, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 845–846, ACM, 11-15 July, 2015.
- [66] E. M. Schulte, W. Weimer and S. Forrest, Repairing cots router firmware without access to source code or test suites: A case study in evolutionary software repair, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 847–854, ACM, 11-15 July, 2015.

- [67] C. G. Johnson and J. R. Woodward, Fitness as task-relevant information accumulation, in Genetic Improvement 2015 Workshop (W. B. Langdon, D. R. White and J. Petke, eds.), (Madrid, Spain), pp. 855–856, ACM, 11-15 July, 2015.
- [68] G. Rush, D. R. Tauritz and A. D. Kent, Coevolutionary agent-based network defense lightweight event system (candles), in SecDef'2015 - Workshop on genetic and evolutionary computation in defense, security and risk management (F. W. Moore and N. Zincir-Heywood, eds.), (Madrid, Spain), pp. 859–866, ACM, 11-15 July, 2015.
- [69] R. Mueller-Bady, R. Gad, M. Kappes and I. Medina-Bulo, Using genetic algorithms for deadline-constrained monitor selection in dynamic computer networks, in SecDef'2015 -Workshop on genetic and evolutionary computation in defense, security and risk management (F. W. Moore and N. Zincir-Heywood, eds.), (Madrid, Spain), pp. 867–874, ACM, 11-15 July, 2015.
- [70] O. Ozkan, M. Ermis and I. Bekmezci, A hybrid matheuristic approach for designing reliable wireless multimedia sensor networks, in SecDef'2015 - Workshop on genetic and evolutionary computation in defense, security and risk management (F. W. Moore and N. Zincir-Heywood, eds.), (Madrid, Spain), pp. 875–882, ACM, 11-15 July, 2015.
- [71] C. Bozdogan, Y. Gokcen and I. Zincir, A preliminary investigation on the identification of peer to peer network applications, in SecDef'2015 - Workshop on genetic and evolutionary computation in defense, security and risk management (F. W. Moore and N. Zincir-Heywood, eds.), (Madrid, Spain), pp. 883–888, ACM, 11-15 July, 2015.
- [72] L. Altin, H. R. Topcuoglu and M. Ermis, Evolutionary dynamic optimization techniques for marine contamination problem, in SecDef'2015 - Workshop on genetic and evolutionary computation in defense, security and risk management (F. W. Moore and N. Zincir-Heywood, eds.), (Madrid, Spain), pp. 889–892, ACM, 11-15 July, 2015.
- [73] F. Haddadi and A. N. Zincir-Heywood, Botnet detection system analysis on the effect of botnet evolution and feature representation, in SecDef'2015 Workshop on genetic and evolutionary computation in defense, security and risk management (F. W. Moore and N. Zincir-Heywood, eds.), (Madrid, Spain), pp. 893–900, ACM, 11-15 July, 2015.
- [74] S. Izidoro, A. M. Lacerda and G. L. Pappa, Megass: Multi-objective genetic active site search, in GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology (J. Santos, J. Handl and A. Shehu, eds.), (Madrid, Spain), pp. 905-910, ACM, 11-15 July, 2015.
- [75] D. Varela and J. Santos, Combination of differential evolution and fragment-based replacements for protein structure prediction, in GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology (J. Santos, J. Handl and A. Shehu, eds.), (Madrid, Spain), pp. 911–914, ACM, 11-15 July, 2015.
- [76] S. S. Nielsen, G. Danoy, P. Bouvry and E.-G. Talbi, Nk landscape instances mimicking the protein inverse folding problem towards future benchmarks, in GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology (J. Santos, J. Handl and A. Shehu, eds.), (Madrid, Spain), pp. 915–921, ACM, 11-15 July, 2015.
- [77] E. Sapin, K. De Jong and A. Shehu, Mapping multiple minima in protein energy landscapes with evolutionary algorithms, in GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology (J. Santos, J. Handl and A. Shehu, eds.), (Madrid, Spain), pp. 923–927, ACM, 11-15 July, 2015.
- [78] C. Brizuela, R. I. Corona, C. Lezcano, D. Rodriguez and J. D. Colbes, An experimental analysis of the performance of sidechain packing algorithms, in GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology (J. Santos, J. Handl and A. Shehu, eds.), (Madrid, Spain), pp. 929–933, ACM, 11-15 July, 2015.

- [79] M. Garza-Fabre, S. M. Kandathil, J. Handl, J. D. Knowles and S. C. Lovell, Using machine learning to explore the relevance of local and global features during conformational search in rosetta, in GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology (J. Santos, J. Handl and A. Shehu, eds.), (Madrid, Spain), pp. 935–938, ACM, 11-15 July, 2015.
- [80] E. Keedwell, M. Johns and D. Savic, Spatial and temporal visualisation of evolutionary algorithm decisions in water distribution network optimisation, in 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015) (D. Walker, R. Everson and J. Fieldsend, eds.), (Madrid, Spain), pp. 941–948, ACM, 11-15 July, 2015.
- [81] A. Cruz, P. Machado, F. Assuncao and A. Leitao, Elicit: Evolutionary computation visualization, in 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015) (D. Walker, R. Everson and J. Fieldsend, eds.), (Madrid, Spain), pp. 949–956, ACM, 11-15 July, 2015.
- [82] L. Liang, H. Han, C. Zhaoquan and H. Hui, Using particle swarm large-scale optimization to improve sampling-based image matting, in 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015) (D. Walker, R. Everson and J. Fieldsend, eds.), (Madrid, Spain), pp. 957–961, ACM, 11-15 July, 2015.
- [83] D. J. Walker, Visualising multi-objective populations with treemaps, in 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015) (D. Walker, R. Everson and J. Fieldsend, eds.), (Madrid, Spain), pp. 963-970, ACM, 11-15 July, 2015.
- [84] L.-Y. Chen, P.-M. Lee and T.-C. Hsiao, A novel representation of classifier conditions named sensory tag for the xcs in multistep problems, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 973–980, ACM, 11-15 July, 2015.
- [85] D. V. Vargas, H. Takano and J. Murata, The relationship between (un)fractured problems and division of input space, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 981–987, ACM, 11-15 July, 2015.
- [86] S. Jungjit and A. Freitas, A lexicographic multi-objective genetic algorithm for multi-label correlation based feature selection, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 989–996, ACM, 11-15 July, 2015.
- [87] H. E. Nouri, O. Belkahla Driss and K. Ghedira, Metaheuristics based on clustering in a holonic multiagent model for the flexible job shop problem, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 997–1004, ACM, 11-15 July, 2015.
- [88] J. Brookhouse and F. E. Otero, Discovering regression rules with ant colony optimization, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 1005–1012, ACM, 11-15 July, 2015.
- [89] F. M. Lobato, V. W. Tadaiesky, I. M. Araujo and A. L. de Santana, An evolutionary missing data imputation method for pattern classification, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 1013–1019, ACM, 11-15 July, 2015.
- [90] A. Najar, O. Sigaud and M. Chetouani, Socially guided xcs: Using teaching signals to boost learning, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 1021–1028, ACM, 11-15 July, 2015.

- [91] R. Urbanowicz, N. Ramanand and J. Moore, Continuous endpoint data mining with exstracs: A supervised learning classifier system, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 1029–1036, ACM, 11-15 July, 2015.
- [92] W. n. Browne, Back to the future: Learning classifier systems as cognitive systems, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 1037–1037, ACM, 11-15 July, 2015.
- [93] K. Takadama, A potential of evolutionary rule-based machine learning for real world applications, in GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems) (K. Kuber, M. Nakata and K. Shafi, eds.), (Madrid, Spain), pp. 1039–1040, ACM, 11-15 July, 2015.
- [94] S. Harris, T. Bueter and D. R. Tauritz, A comparison of genetic programming variants for hyper-heuristics, in GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15) (J. Woodward, D. Tauritz and M. Lopez-Ibanez, eds.), (Madrid, Spain), pp. 1043–1050, ACM, 11-15 July, 2015.
- [95] M. A. Martin and D. R. Tauritz, Hyper-heuristics: A study on increasing primitive-space, in GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15) (J. Woodward, D. Tauritz and M. Lopez-Ibanez, eds.), (Madrid, Spain), pp. 1051–1058, ACM, 11-15 July, 2015.
- [96] G. Chennupati, R. M. A. Azad and C. Ryan, Synthesis of parallel iterative sorts with multi-core grammatical evolution, in GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15) (J. Woodward, D. Tauritz and M. Lopez-Ibanez, eds.), (Madrid, Spain), pp. 1059–1066, ACM, 11-15 July, 2015.
- [97] P. Ryser-Welch, J. F. Miller and S. Asta, Generating human-readable algorithms for the travelling salesman problem using hyper-heuristics, in GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15)
   (J. Woodward, D. Tauritz and M. Lopez-Ibanez, eds.), (Madrid, Spain), pp. 1067–1074, ACM, 11-15 July, 2015.
- [98] E. O. Scott and J. K. Bassett, Learning genetic representations for classes of real-valued optimization problems, in GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15) (J. Woodward, D. Tauritz and M. Lopez-Ibanez, eds.), (Madrid, Spain), pp. 1075–1082, ACM, 11-15 July, 2015.
- [99] A. Ramirez, J. R. Romero and S. Ventura, An extensible jclec-based solution for the implementation of multi-objective evolutionary algorithms, in GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15) (S. Wagner and M. Affenzeller, eds.), (Madrid, Spain), pp. 1085–1092, ACM, 11-15 July, 2015.
- [100] A. J. Nebro, J. J. Durillo and M. Vergne, Redesigning the jmetal multi-objective optimization framework, in GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15) (S. Wagner and M. Affenzeller, eds.), (Madrid, Spain), pp. 1093–1100, ACM, 11-15 July, 2015.
- [101] A. Scheibenpflug, A. Beham, M. Kommenda, J. Karder, S. Wagner and M. Affenzeller, Simplifying problem definitions in the heuristiclab optimization environment, in GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15) (S. Wagner and M. Affenzeller, eds.), (Madrid, Spain), pp. 1101–1108, ACM, 11-15 July, 2015.
- [102] K. Krynicki and J. Jaen, Antelements: An extensible and scalable ant colony optimization middleware, in GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15) (S. Wagner and M. Affenzeller, eds.), (Madrid, Spain), pp. 1109–1116, ACM, 11-15 July, 2015.

- [103] J. J. Merelo-Guervos and P. Garcia-Sanchez, Designing and modeling a browser-based distributed evolutionary computation system, in GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15) (S. Wagner and M. Affenzeller, eds.), (Madrid, Spain), pp. 1117–1124, ACM, 11-15 July, 2015.
- [104] L. P. Garzon-Rodriguez, H. A. Diosa and S. Rojas-Galeano, Deconstructing gas into visual software components, in GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15) (S. Wagner and M. Affenzeller, eds.), (Madrid, Spain), pp. 1125–1132, ACM, 11-15 July, 2015.
- [105] A. Atamna, Benchmarking ipop-cma-es-tpa and ipop-cma-es-msr on the bbob noiseless testbed, in Black Box Optimization Benchmarking (BBOB 2015) Workshop (Y. Akimoto, A. Auger, D. Brockhoff, N. Hansen, O. Mersmann and P. Posik, eds.), (Madrid, Spain), pp. 1135–1142, ACM, 11-15 July, 2015.
- [106] L. Bajer, Z. Pitra and M. Holena, Benchmarking gaussian processes and random forests surrogate models on the bbob noiseless testbed, in Black Box Optimization Benchmarking (BBOB 2015) Workshop (Y. Akimoto, A. Auger, D. Brockhoff, N. Hansen, O. Mersmann and P. Posik, eds.), (Madrid, Spain), pp. 1143–1150, ACM, 11-15 July, 2015.
- [107] P. Posik and P. Baudis, Dimension selection in axis-parallel brent-step method for black-box optimization of separable continuous functions, in Black Box Optimization Benchmarking (BBOB 2015) Workshop (Y. Akimoto, A. Auger, D. Brockhoff, N. Hansen, O. Mersmann and P. Posik, eds.), (Madrid, Spain), pp. 1151–1158, ACM, 11-15 July, 2015.
- [108] D. Brockhoff, B. Bischl and T. Wagner, The impact of initial designs on the performance of matsumoto on the noiseless bbob-2015 testbed: A preliminary study, in Black Box Optimization Benchmarking (BBOB 2015) Workshop (Y. Akimoto, A. Auger, D. Brockhoff, N. Hansen, O. Mersmann and P. Posik, eds.), (Madrid, Spain), pp. 1159-1166, ACM, 11-15 July, 2015.
- [109] M.-Y. Ameca-Alducin, E. Mezura-Montes and N. Cruz-Ramirez, Differential evolution with a repair method to solve dynamic constrained optimization problems, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1169–1172, ACM, 11-15 July, 2015.
- [110] A. Bernatskiy and J. C. Bongard, Exploiting the relationship between structural modularity and sparsity for faster network evolution, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1173–1176, ACM, 11-15 July, 2015.
- [111] A. Buzdalova, A. Matveeva and G. Korneev, Selection of auxiliary objectives with multi-objective reinforcement learning, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1177–1180, ACM, 11-15 July, 2015.
- [112] F. Cabassi and M. Locatelli, A computational comparison of memetic differential evolution approaches, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1181–1184, ACM, 11-15 July, 2015.
- [113] D. Chivilikhin, I. Ivanov and A. Shalyto, Inferring temporal properties of finite-state machine models with genetic programming, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1185–1188, ACM, 11-15 July, 2015.
- [114] H. Degroote and P. De Causmaecker, Towards a knowledge base for performance data: A formal model for performance comparison, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1189–1192, ACM, 11-15 July, 2015.
- [115] P. de las Cuevas Delgado, J. J. Merelo and P. Garcia Sanchez, Soft computing techniques applied to corporate and personal security, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1193–1196, ACM, 11-15 July, 2015.
- [116] A. Gaier, Evolutionary design via indirect encoding of non-uniform rational basis splines, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1197–1200, ACM, 11-15 July, 2015.

- [117] M. Miyakawa, K. Takadama and H. Sato, Control of crossed genes ratio for directed mating in evolutionary constrained multi-objective optimization, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1201–1204, ACM, 11-15 July, 2015.
- [118] C. Ramirez-Atencia, G. Bello-Orgaz, M. D. R-Moreno and D. Camacho, A hybrid moga-csp for multi-uav mission planning, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1205–1208, ACM, 11-15 July, 2015.
- [119] E. O. Scott and K. A. De Jong, Evaluation-time bias in asynchronous evolutionary algorithms, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1209–1212, ACM, 11-15 July, 2015.
- [120] Y. Sun, M. Kirley and S. K. Halgamuge, On the selection of decomposition methods for large scale fully non-separable problems, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1213–1216, ACM, 11-15 July, 2015.
- [121] J. Zegklitz and P. Posik, Symbolic regression by grammar-based multi-gene genetic programming, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1217–1220, ACM, 11-15 July, 2015.
- [122] B. Berger, A. Andino, A. Danise and J. Rieffel, *Growing and evolving vibrationally actuated soft robots*, in *GECCO'15 Student Workshop* (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1221–1224, ACM, 11-15 July, 2015.
- [123] Q. Madera, M. Garcia-Valdez, O. Castillo and A. Mancilla, A method based on interactive evolutionary computation for increasing the effectiveness of advertisement texts, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1225–1228, ACM, 11-15 July, 2015.
- [124] V. Mironovich and M. Buzdalov, Hard test generation for maximum flow algorithms with the fast crossover-based evolutionary algorithm, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1229–1232, ACM, 11-15 July, 2015.
- [125] G. Sungu and B. Boz, An evolutionary algorithm for weighted graph coloring problem, in GECCO'15 Student Workshop (T. Tusar and B. Naujoks, eds.), (Madrid, Spain), pp. 1233–1236, ACM, 11-15 July, 2015.
- [126] A. Steyven, E. Hart and B. Paechter, The cost of communication: Environmental pressure and survivability in medea, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1239–1240, ACM, 11-15 July, 2015.
- [127] P. Trueba, A. Prieto, F. Bellas and R. J. Duro, Embodied evolution for collective indoor surveillance and location, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1241–1242, ACM, 11-15 July, 2015.
- [128] J. Heinerman, Collective sharing of knowledge in a dream, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1243–1244, ACM, 11-15 July, 2015.
- [129] P. Zahadat, H. Hamann and T. Schmickl, Evolving diverse collective behaviors independent of swarm density, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1245–1246, ACM, 11-15 July, 2015.
- [130] N. Bredeche, E. Haasdijk and A. Prieto, Elements of embodied evolutionary robotics, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1247–1247, ACM, 11-15 July, 2015.

- [131] F. Golemo, M. Markovic, J. Schoormans, P. De Jonge, M. Couwenberg and E. Haasdijk, Simulating morphological evolution in large robot populations, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1249–1250, ACM, 11-15 July, 2015.
- [132] J. Gomes, P. Mariano and A. L. Christensen, Hyb-ccea: Cooperative coevolution of hybrid teams, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1251–1252, ACM, 11-15 July, 2015.
- [133] H. Hamann, Evolution of collective behaviors by minimizing surprisal and by micro-macro links, in GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop (A. Prieto, N. Bredeche and E. Haasdijk, eds.), (Madrid, Spain), pp. 1253–1253, ACM, 11-15 July, 2015.
- [134] H. J. Aljawawdeh, C. L. Simons and M. Odeh, Metaheuristic design pattern: Preference, in GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15) (C. Simons, J. Swan, K. Krawiec, D. Tauritz and J. Smith, eds.), (Madrid, Spain), pp. 1257–1260, ACM, 11-15 July, 2015.
- [135] A. E. Brownlee, J. R. Woodward and J. Swan, Metaheuristic design pattern: Surrogate fitness functions, in GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15) (C. Simons, J. Swan, K. Krawiec, D. Tauritz and J. Smith, eds.), (Madrid, Spain), pp. 1261–1264, ACM, 11-15 July, 2015.
- [136] K. Graham, J. Swan and S. Martin, The 'blackboard pattern' for metaheuristics, in GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15) (C. Simons, J. Swan, K. Krawiec, D. Tauritz and J. Smith, eds.), (Madrid, Spain), pp. 1265–1267, ACM, 11-15 July, 2015
- [137] A. Patelli, N. Bencomo, A. Ekart, H. Goldingay and P. Lewis, Two-b or not two-b?: Design patterns for hybrid metaheuristics, in GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15) (C. Simons, J. Swan, K. Krawiec, D. Tauritz and J. Smith, eds.), (Madrid, Spain), pp. 1269–1274, ACM, 11-15 July, 2015.
- [138] S. Forstenlechner, M. Nicolau, D. Fagan and M. O'Neill, Introducing semantic-clustering selection in grammatical evolution, in GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop (C. Johnson, K. Krawiec, A. Moraglio and M. O'Neill, eds.), (Madrid, Spain), pp. 1277–1284, ACM, 11-15 July, 2015.
- [139] D. Medernach, J. Fitzgerald, R. M. A. Azad and C. Ryan, Wave: Incremental erosion of residual error, in GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop (C. Johnson, K. Krawiec, A. Moraglio and M. O'Neill, eds.), (Madrid, Spain), pp. 1285–1292, ACM, 11-15 July, 2015.
- [140] R. Ffrancon and M. Schoenauer, Greedy semantic local search for small solutions, in GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop (C. Johnson, K. Krawiec, A. Moraglio and M. O'Neill, eds.), (Madrid, Spain), pp. 1293–1300, ACM, 11-15 July, 2015.
- [141] P. Liskowski, K. Krawiec, T. Helmuth and L. Spector, Comparison of semantic-aware selection methods in genetic programming, in GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop (C. Johnson, K. Krawiec, A. Moraglio and M. O'Neill, eds.), (Madrid, Spain), pp. 1301–1307, ACM, 11-15 July, 2015.
- [142] A. Baldominos, Y. Saez and P. Isasi, Feature set optimization for physical activity recognition using genetic algorithms, in GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop (S. L. Smith, S. Cagnoni and R. M. Patton, eds.), (Madrid, Spain), pp. 1311–1318, ACM, 11-15 July, 2015.
- [143] D. Rivero, E. Fernandez-Blanco, J. Dorado and A. Pazos, Classification of two-channel signals by means of genetic programming, in GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop (S. L. Smith, S. Cagnoni and R. M. Patton, eds.), (Madrid, Spain), pp. 1319–1325, ACM, 11-15 July, 2015.

- [144] J. M. Velasco, S. Winkler, J. I. Hidalgo, O. Garnica, J. Lanchares, J. M. Colmenar, E. Maqueda, M. Botella and J.-A. Rubio, *Data-based identification of prediction models for glucose*, in *GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop* (S. L. Smith, S. Cagnoni and R. M. Patton, eds.), (Madrid, Spain), pp. 1327–1334, ACM, 11-15 July, 2015.
- [145] V. Dorfer, S. Maltsev, S. Dreiseitl, K. Mechtler and S. M. Winkler, A symbolic regression based scoring system improving peptide identifications for ms amanda, in GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop (S. L. Smith, S. Cagnoni and R. M. Patton, eds.), (Madrid, Spain), pp. 1335–1341, ACM, 11-15 July, 2015.
- [146] K. Alyahya and J. E. Rowe, Landscape properties of the 0-1 knapsack problem, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1343–1344, ACM, 11-15 July, 2015.
- [147] L. Araujo, J. Martinez-Romo and A. Duque, Grammatical evolution for identifying wikipedia taxonomies, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1345–1346, ACM, 11-15 July, 2015.
- [148] S. Astete-Morales, M.-L. Cauwet and O. Teytaud, Criteria and convergence rates in noisy optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1347–1348, ACM, 11-15 July, 2015.
- [149] E. Atilgan and J. Hu, A combinatorial genetic algorithm for computational doping based material design, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1349–1350, ACM, 11-15 July, 2015.
- [150] L. Bajer, Z. Pitra and M. Holena, Investigation of gaussian processes and random forests as surrogate models for evolutionary black-box optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo,

- E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1351–1352, ACM, 11-15 July, 2015.
- [151] Z. Bankovic and P. Lopez-Garcia, Energy efficient allocation and scheduling for dvfs-enabled multicore environments using a multiobjective evolutionary algorithm, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1353–1354, ACM, 11-15 July, 2015.
- [152] A. Berny, Herding evolutionary algorithm, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1355–1356, ACM, 11-15 July, 2015.
- [153] M. Bokhari and M. Wagner, Improving test coverage of formal verification systems via beam search, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1357–1358, ACM, 11-15 July, 2015.
- [154] M. Boussaa, O. Barais, G. Sunye and B. Baudry, A novelty search-based test data generator for object-oriented programs, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1359-1360, ACM, 11-15 July, 2015.
- [155] M. Cardenas-Montes, M. A. Vega-Rodriguez, J. J. Rodriguez-Vazquez and A. Gomez-Iglesias, A comparison exercise on parallel evaluation of rosenbrock function, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1361–1362, ACM, 11-15 July, 2015.
- [156] A. Chaabani, S. Bechikh, L. Ben Said and R. Azzouz, An improved co-evolutionary decomposition-based algorithm for bi-level combinatorial optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim,

- J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto,
  T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B.
  Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi,
  E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo,
  E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid,
  Spain), pp. 1363–1364, ACM, 11-15 July, 2015.
- [157] T. Chabin, A. Tonda and E. Lutton, Is global sensitivity analysis useful to evolutionary computation?, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1365–1366, ACM, 11-15 July, 2015.
- [158] L.-Y. Chen, P.-M. Lee and T.-C. Hsiao, Dynamically adding sensors to the xcs in multistep problems: A sensor tagging approach, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1367–1368, ACM, 11-15 July, 2015.
- [159] G. Chennupati, R. M. A. Azad and C. Ryan, On the automatic generation of efficient parallel iterative sorting algorithms, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1369–1370, ACM, 11-15 July, 2015.
- [160] J. Christmas, Genetic c programming with probabilistic evaluation, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1371–1372, ACM, 11-15 July, 2015.
- [161] J. J. Davila, An empirical comparison of genetically evolved programs and evolved neural networks for multi-agent systems operating under dynamic environments, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1373–1374, ACM, 11-15 July, 2015.

- [162] R. de Bokx, D. Thierens and P. A. Bosman, In search of optimal linkage trees, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1375–1376, ACM, 11-15 July, 2015.
- [163] J. Decock, J. Liu and O. Tetaud, Variance reduction in population-based optimization: Application to unit commitment, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1377–1378, ACM, 11-15 July, 2015.
- [164] T. Decroos, P. De Causmaecker and B. Demoen, Solving euclidean steiner tree problems with multi swarm optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1379–1380, ACM, 11-15 July, 2015.
- [165] T. DeVautl, S. Forrest, I. Tanimoto, T. Soule and R. Heckendorn, Learning from demonstration for distributed, encapsulated evolution of autonomous outdoor robots, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1381–1382, ACM, 11-15 July, 2015.
- [166] J. Diaz Alvarez, J. M. Colmenar, J. L. Risco-Martin, J. Lanchares and O. Garnica, Optimizing performance of l1 cache memory for embedded systems driven by differential evolution, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1383–1384, ACM, 11-15 July, 2015.
- [167] X. Du, Y. Ni and P. Ye, A multi-objective evolutionary algorithm for rule-based performance optimization at software architecture level, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik,

- A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1385–1386, ACM, 11-15 July, 2015.
- [168] S. Fernandez, S. Alvarez, E. Malatsetxebarria, P. Valledor and D. Diaz, Performance comparison of ant colony algorithms for the scheduling of steel production lines, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1387–1388, ACM, 11-15 July, 2015.
- [169] P. Filipiak, K. Michalak and P. Lipinski, Infeasibility driven evolutionary algorithm with the anticipation mechanism for the reaching goal in dynamic constrained inverse kinematics, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1389–1390, ACM, 11-15 July, 2015.
- [170] J. S. Freitas, C. Garrozi and M. Valenca, Insertion of artificial individuals to increase the diversity of multiobjective evolutionary algorithms, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1391–1392, ACM, 11-15 July, 2015.
- [171] A. Gabler, M. Colby and K. Tumer, Learning based control of a fuel cell turbine hybrid power system, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1393–1394, ACM, 11-15 July, 2015.
- [172] W. Gao, M. Pourhassan and F. Neumann, Runtime analysis of evolutionary diversity optimization and the vertex cover problem, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1395–1396, ACM, 11-15 July, 2015.

- [173] F. Ghassemi Toosi, N. S. Nikolov and M. Eaton, Evolving smart initial layouts for force-directed graph drawing, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1397–1398, ACM, 11-15 July, 2015.
- [174] M. Gorji Sefidmazgi, M. Moradi Kordmahalleh and A. Homaifar, Identification of switched models in non-stationary time series based on coordinate-descent and genetic algorithm, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1399–1400, ACM, 11-15 July, 2015.
- [175] F. Hruska and J. Kubalik, Selection hyper-heuristic using a portfolio of derivative heuristics, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1401–1402, ACM, 11-15 July, 2015.
- [176] M. Inostroza-Ponta, C. Farfan and M. Dorn, A memetic algorithm for protein structure prediction based on conformational preferences of aminoacid residues, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1403–1404, ACM, 11-15 July, 2015.
- [177] C. Jankee, S. Verel, B. Derbel and C. Flonlupt, New adaptive selection strategies for distributed adaptive metaheuristic selection, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1405–1406, ACM, 11-15 July, 2015.
- [178] G. Jia, S. He, Z. Zhu, J. Liu and K. Tang, A multimodal optimization and surprise based consensus community detection algorithm, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik,

- A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1407–1408, ACM, 11-15 July, 2015.
- [179] J. L. Jimenez Laredo, F. Guinand, D. Olivier and P. Bouvry, Trading off resource utilization and task migrations in dynamic load-balancing, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1409–1410, ACM, 11-15 July, 2015.
- [180] J. Zheng, H. Bai, R. Shen and M. Li, A comparative study use of otl for many-objective optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1411–1412, ACM, 11-15 July, 2015.
- [181] C. Jung, Y.-H. Kim, Y. Yoon and B.-R. Moon, An adeaptive method of hungarian mating schemes in genetic algorithms, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1413–1414, ACM, 11-15 July, 2015.
- [182] R. Karimpour and G. Ruhe, A search based approach towards robust optimization in software product line scoping, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1415–1416, ACM, 11-15 July, 2015.
- [183] U. Kumar, Jayadeva and S. Soman, Enhancing incremental ant colony algorithm for continuous global optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1417–1418, ACM, 11-15 July, 2015.
- [184] H.-H. Li, Z.-G. Chen, Z.-H. Zhan, K.-J. Du and J. Zhang, Renumber coevolutionary multiswarm particle swarm optimization for multi-objective workflow scheduling on cloud computing environment, in GECCO Companion '15: Proceedings of the Companion Publication

- of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1419–1420, ACM, 11-15 July, 2015.
- [185] F. G. Lobo and M. Bazargani, When hillclimbers beat genetic algorithms in multimodal optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1421–1422, ACM, 11-15 July, 2015.
- [186] D. Margarida and C. H. Antunes, Multi-objective optimization of sensor placement to detect contamination in water distribution networks, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference
  (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges,
  L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik,
  A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec,
  A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo,
  M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1423–1424,
  ACM, 11-15 July, 2015.
- [187] L. Mariot and A. Leporati, Heuristic search by particle swarm optimization of boolean functions for cryptographic applications, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1425–1426, ACM, 11-15 July, 2015.
- [188] L. Marti, C. Grimme, P. Kerschke, H. Trautmann and G. Rudolph, Averaged hausdorff approximations of pareto fronts based on multiobjective estimation of distribution algorithms, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1427–1428, ACM, 11-15 July, 2015.
- [189] M. A. Martin, A. R. Bertels and D. R. Tauritz, Asynchronous parallel evolutionary algorithms: Leveraging heterogeneous fitness evaluation times for scalability and elitist parsimony pressure, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni,

- J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1429–1430, ACM, 11-15 July, 2015.
- [190] J. Martinez, G. Rossi, T. Ziadi, T. F. D. A. Bissyande, J. Klein and Y. Le Traon, Estimating and predicting average likability on computer-generated artwork variants, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1431–1432, ACM, 11-15 July, 2015.
- [191] J. P. Martins and A. C. Delbem, Handling crossover bias to improve diversity in multiobjective evolutionary optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1433–1434, ACM, 11-15 July, 2015.
- [192] D. Medernach, J. Fitzgerald, R. M. A. Azad and C. Ryan, Wave: A genetic programming approach to divide and conquer, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1435–1436, ACM, 11-15 July, 2015.
- [193] H. D. Menendez and D. Camacho, Mogcla: A multi-objective genetic clustering algorithm for large data analysis, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1437–1438, ACM, 11-15 July, 2015.
- [194] S. Mirjalili and A. Lewis, A reliable and computationally cheap approach for finding robust optimal solutions, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1439–1440, ACM, 11-15 July, 2015.
- [195] S. S. Mousavi Astarabadi and M. M. Ebadzadeh, Avoiding overfitting in symbolic regression using the first order derivative of gp trees, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez

- de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1441–1442, ACM, 11-15 July, 2015.
- [196] A.-M. Oprescu, A. (Vintila) Filip and T. Kielmann, Fast pareto front approximation for cloud instance pool optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1443–1444, ACM, 11-15 July, 2015.
- [197] P. Overbury and L. Berthouze, Using novelty-biased ga to sample diversity in graphs satisfying constraints, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1445–1446, ACM, 11-15 July, 2015.
- [198] D. Pallez, M. Serrurier, C. da Costa Pereira, G. Fusco and C. Cao, Social specialization of space: Clustering households on the french riviera, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1447–1448, ACM, 11-15 July, 2015.
- [199] J. P. Papa, G. H. Rosa, K. A. Costa, N. A. Marana, W. Scheirer and D. D. Cox, On the model selection of bernoulli restricted boltzmann machines through harmony search, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1449–1450, ACM, 11-15 July, 2015.
- [200] J. Park, S. Nguyen, M. Zhang and M. Johnston, A single population genetic programming based ensemble learning approach to job shop scheduling, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1451–1452, ACM, 11-15 July, 2015.

- [201] T. Perry and M. Bader-El-Den, Imbalanced classification using genetically optimized random forests, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1453–1454, ACM, 11-15 July, 2015.
- [202] I. Petrova and A. Buzdalova, Selection of auxiliary objectives in the travelling salesman problem using reinforcement learning, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1455–1456, ACM, 11-15 July, 2015.
- [203] S. Picek, J. F. Miller, D. Jakobovic and L. Batina, Cartesian genetic programming approach for generating substitution boxes of different sizes, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1457–1458, ACM, 11-15 July, 2015.
- [204] M. Probst, Denoising autoencoders for fast combinatorial black box optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1459–1460, ACM, 11-15 July, 2015.
- [205] P. Rabanal, I. Rodriguez and F. Rubio, On the uselessness of finite benchmarks to assess evolutionaryand swarm methods, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1461–1462, ACM, 11-15 July, 2015.
- [206] A. Raß, M. Schmitt and R. Wanka, Explanation of stagnation at points that are not local optima in particle swarm optimization by potential analysis, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi,

- E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1463–1464, ACM, 11-15 July, 2015.
- [207] R. Cantoro, M. Gaudesi, E. Sanchez and G. Squillero, Exploiting evolutionary computation in an industrial flow for the development of code-optimized microprocessor test programs, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1465–1466, ACM, 11-15 July, 2015.
- [208] M.-C. Riff and E. Montero, A collaborative strategy to reduce initial setup requirements of paramils using evoca, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1467–1468, ACM, 11-15 July, 2015.
- [209] N. Rojas, E. Montero and M.-C. Riff, Using anti-pheromone to identify core objects for multidimensional knapsack problems: A two-step ants based approach, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1469–1470, ACM, 11-15 July, 2015.
- [210] A. Runka and T. White, Evolving neurocontrollers for the control of information diffusion in social networks, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1471–1472, ACM, 11-15 July, 2015.
- [211] P. Ryser-Welch, J. F. Miller and S. Asta, Evolutionary cross-domain hyper-heuristics, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1473–1474, ACM, 11-15 July, 2015.
- [212] A. Salah and E. Hart, Grid diversity operator for some population-based optimization algorithms, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar,

- M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1475–1476, ACM, 11-15 July, 2015.
- [213] R. Santana, A. Mendiburu and J. A. Lozano, Multi-objective nm-landscapes, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1477–1478, ACM, 11-15 July, 2015.
- [214] V. Santucci, M. Baioletti and A. Milani, An algebraic differential evolution for the linear ordering problem, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1479–1480, ACM, 11-15 July, 2015.
- [215] J. Schmitt, S. Seufert, C. Zoubek and H. Koestler, Potential-field-based unit behavior optimization for balancing in starcraft ii, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1481–1482, ACM, 11-15 July, 2015.
- [216] G. Sher, Momentum enhanced neuroevolution, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1483–1484, ACM, 11-15 July, 2015.
- [217] K. Sim and E. Hart, A novel heuristic generator for jssp using a tree-based representation of dispatching rules, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1485–1486, ACM, 11-15 July, 2015.

- [218] A. M. Soares, B. J. Fernandes and C. J. Bastos-Filho, Pyramidal neural networks with variable receptive fields designed by genetic algorithms, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1487–1488, ACM, 11-15 July, 2015.
- [219] T. M. Stehling, S. R. DE Souza and M. F. De Franca Filho, A hybrid particle swarm optimization for solving vehicle routing problem with time windows, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1489–1490, ACM, 11-15 July, 2015.
- [220] C. Stoean, R. Stoean, A. Sandita, C. Mesina, C. L. Gruia and D. Ciobanu, Evolutionary search for an accurate contour segmentation in histopathological images, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1491–1492, ACM, 11-15 July, 2015.
- [221] R. Tanabe, A note on multi-funnel functions for expensive optimization scenario, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1493–1494, ACM, 11-15 July, 2015.
- [222] G. A. Trunfio, An effective approach for adapting the size of subcomponents in large-scale optimization with cooperative coevolution, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1495–1496, ACM, 11-15 July, 2015.
- [223] W. W. Tsang and H. Y. Lau, A grid-facilitated ais-based network scheme for many-objective optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini,

- R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1497–1498, ACM, 11-15 July, 2015.
- [224] A. J. Turner and J. F. Miller, Recurrent cartesian genetic programming applied to series forecasting, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1499–1500, ACM, 11-15 July, 2015.
- [225] R. Ugolotti and S. Cagnoni, Automatic tuning of standard pso versions, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1501–1502, ACM, 11-15 July, 2015.
- [226] N. B. Urquhart, E. Hart and A. Judson, Multi-modal employee routing with time windows in an urban environment, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1503–1504, ACM, 11-15 July, 2015.
- [227] Z. Vasicek and L. Sekanina, Evolutionary approximation of complex digital circuits, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1505–1506, ACM, 11-15 July, 2015.
- [228] P. Verbancsics and J. Harguess, Classifying maritime vessels from satellite imagery with hyperneat, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1507–1508, ACM, 11-15 July, 2015.
- [229] P. Verbancsics, Impact of speciation heuristic on crossover and search in neat, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez,

- S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1509–1510, ACM, 11-15 July, 2015.
- [230] C. von Luecken, H. Monzon, C. Brizuela and B. Baran, Dimensionality reduction in many-objective problems combining pca and spectral clustering, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1511–1512, ACM, 11-15 July, 2015.
- [231] M. D. Wagy and J. C. Bongard, Crowdseeding robot design, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1513–1514, ACM, 11-15 July, 2015.
- [232] J. bin Wang, W.-N. Chen, J. Zhang and Y. Lin, A dimension-decreasing particle swarm optimization method for portfolio optimization, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1515–1516, ACM, 11-15 July, 2015.
- [233] C. Watkins and Y. Buttkewitz, Efficient sampling with small populations: a genetic algorithm satisfying detailed balance, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1517–1518, ACM, 11-15 July, 2015.
- [234] M. Weiss Cohen, A. Dahan and I. Kaspi, Software system for container vessel stowage planning using genetic algorithm, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1519–1520, ACM, 11-15 July, 2015.

- [235] D. R. White, S. Yoo and J. Singer, The programming game: Evaluating mcts as an alternative to gp for symbolic regression, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1521–1522, ACM, 11-15 July, 2015.
- [236] Y.-M. Wu, L.-Y. Chen, P.-M. Lee and T.-C. Hsiao, Enable the xcs to dynamically learn multiple problems: A sensor tagging approach, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1523-1524, ACM, 11-15 July, 2015.
- [237] L. Yliniemi and K. Tumer, Complete multi-objective coverage with paccet, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1525–1526, ACM, 11-15 July, 2015.
- [238] J. Zegklitz and P. Posik, Model selection and overfitting in genetic programming: Empirical study, in GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference (S. Silva, A. I. Esparcia-Alcazar, M. Lopez-Ibanez, S. Mostaghim, J. Timmis, C. Zarges, L. Correia, T. Soule, M. Giacobini, R. Urbanowicz, Y. Akimoto, T. Glasmachers, F. Fernandez de Vega, A. Hoover, P. Larranaga, M. Soto, C. Cotta, F. B. Pereira, J. Handl, J. Koutnik, A. Gaspar-Cunha, H. Trautmann, J.-B. Mouret, S. Risi, E. Costa, O. Schuetze, K. Krawiec, A. Moraglio, J. F. Miller, P. Widera, S. Cagnoni, J. Merelo, E. Hart, L. Trujillo, M. Keswsentini, G. Ochoa, F. Chicano and C. Doerr, eds.), (Madrid, Spain), pp. 1527–1528, ACM, 11-15 July, 2015.
- [239] G. Pappa, A. Simoes, D. Sudholt, W. B. Langdon, D. R. White, J. Petke, F. W. Moore, N. Zincir-Heywood, J. Santos, J. Handl, A. Shehu, D. Walker, R. Everson, J. Fieldsend, K. Kuber, M. Nakata, K. Shafi, J. Woodward, D. Tauritz, M. Lopez-Ibanez, S. Wagner, M. Affenzeller, Y. Akimoto, A. Auger, D. Brockhoff, N. Hansen, O. Mersmann, P. Posik, T. Tusar, B. Naujoks, A. Prieto, N. Bredeche, E. Haasdijk, C. Simons, J. Swan, K. Krawiec, J. Smith, C. Johnson, A. Moraglio, M. O'Neill, S. L. Smith, S. Cagnoni and R. M. Patton, eds., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, (Madrid, Spain), 11-15 July, 2015.