Список литературы

- [1] The 2013 Multi-Objective Physical Travelling Salesman Problem Competition / D. Perez, E. Powley, D. Whitehouse et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2314—2321.
- [2] Aalto, J. A Mutation and Crossover Adaptation Mechanism for Differential Evolution Algorithm / J. Aalto, J. Lampinen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 451–458.
- [3] Abdul, W. Multi-view Clustering of Web Documents Using Multi-Objective Genetic Algorithm / W. Abdul, G. Xiaoying, A. Peter // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2625–2632.
- [4] Acampora, G. A Comparison of Multi-Objective Evolutionary Algorithms for the Ontology Meta-Matching Problem / G. Acampora, H. Ishibuchi, A. Vitiello // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 413–420.
- [5] An Adaptive Diversity Introduction Method for Dynamic Evolutionary Multiobjective Optimization / M. Liu, J. Zheng, J. Wang et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3160–3167.
- [6] Adriaensen, S. Designing Reusable Metaheuristic Methods: A Semi-Automated Approach / S. Adriaensen, T. Brys, A. Nowe // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2969—2976.
- [7] Agapitos, A. Ensemble Bayesian Model Averaging in Genetic Programming / A. Agapitos, M. O'Neill, A. Brabazon // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2451–2458.
- [8] Ahmed, S. A New GP-Based Wrapper Feature Construction Approach to Classification and Biomarker Identification / S. Ahmed, M. Zhang, L. Peng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2756–2763.
- [9] AIRP: A Heuristic Algorithm for Solving the Unrelated Parallel Machine Scheduling Problem / L. P. Cota, M. N. Haddad, M. J. F. Souza, V. N. Coelho // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1855–1862.
- [10] Akhmedova, S. Co-Operation of Biology Related Algorithms Meta-Heuristic in ANN-Based Classifiers Design / S. Akhmedova, E. Semenkin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 867–872.
- [11] Alam, K. Practical Application of an Evolutionary Algorithm for the Design and Construction of a Six-Inch Submarine / K. Alam, T. Ray, S. G. Anavatti // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2825–2832.
- [12] Alanazi, F. Runtime Analysis of Selection Hyper-Heuristics with Classical Learning Mechanisms / F. Alanazi, P. K. Lehre // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2515—2523.
- [13] Albukhanajer, W. A. Neural Network Ensembles for Image Identification Using Pareto-Optimal Features / W. A. Albukhanajer, Y. Jin, J. A. Briffa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 89–96.

- [14] An Algorithm for Scalable Clustering: Ensemble Rapid Centroid Estimation / M. Yuwono, S. W. Su, B. D. Moulton et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1250— 1257.
- [15] Alhindi, A. MOEA/D with Tabu Search for Multiobjective Permutation Flow Shop Scheduling Problems / A. Alhindi, Q. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1155—1164.
- [16] Alicino, S. An Evolutionary Approach to the Solution of Multi-Objective Min-Max Problems in Evidence-Based Robust Optimization / S. Alicino, M. Vasile // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1179–1186.
- [17] Alvares, M. Application of Computational Intelligence for Source Code Classification / M. Alvares, F. Buarque, T. Marwala // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 895–902.
- [18] Ameca-Alducin, M.-Y. Differential Evolution with Combined Variants for Dynamic Constrained Optimization / M.-Y. Ameca-Alducin, E. Mezura-Montes, N. Cruz-Ramirez // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 975–982.
- [19] Ameerudden, M. R. Smart Hybrid Genetic Algorithms in the Bandwidth Optimization of a PIFA Antenna / M. R. Ameerudden, H. Rughooputh // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1390–1396.
- [20] An Analysis of the Automatic Adaptation of the Crossover Rate in Differential Evolution / C. Segura, C. A. C. Coello, E. Segredo, C. Leon // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 459–466.
- [21] Angelo, J. Differential Evolution Assisted by a Surrogate Model for Bilevel Programming Problems / J. Angelo, E. Krempser, H. Barbosa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1784–1791.
- [22] Ant Colony Clustering Based on Sampling for Community Detection / X. Song, J. Ji, C. Yang, X. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 687–692.
- [23] Application of BPSO with GA in Model-Based Fault Diagnosis of Traction Substation / S. Gao, Z. Liu, C. Dai, X. Geng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2063—2069.
- [24] Ashlock, D. *Tego A Framework for Adversarial Planning / D. Ashlock, P. Hingston // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 13–20.
- [25] Automatic Evolutionary Medical Image Segmentation Using Deformable Models / A. Valsecchi, P. Mesejo, L. Marrakchi-Kacem et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 97–104.
- [26] Automatic Target Recognition Using Multiple-Aspect Sonar Images / X. Wang, X. Liu, N. Japkowicz, S. Matwin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2330–2337.
- [27] Autonomous Learning Adaptation for Particle Swarm Optimization / W. Dong, J. Tian, X. Tang et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 223—228.

- [28] Avoiding Decoys in Multiple Targets Searching Problems Using Swarm Robotics / Z. Zheng, J. Li, J. Li, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 784—791.
- [29] Azzouz, R. A Multiple Reference Point-Based Evolutionary Algorithm for Dynamic Multi-Objective Optimization with Undetectable Changes / R. Azzouz, S. Bechikh, L. B. Said // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3168—3175.
- [30] Balancing the Exploration and Exploitation in an Adaptive Diversity Guided Genetic Algorithm / F. Vafaee, G. Turan, P. Nelson, T. Berger-Wolf // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2570–2577.
- [31] Bandaru, S. On the Performance of Classification Algorithms for Learning Pareto-Dominance Relations / S. Bandaru, A. Ng, K. Deb // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1139–1146.
- [32] Behavioral Study of the Surrogate Model-Aware Evolutionary Search Framework / B. Liu, Q. Chen, Q. Zhang et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 715—722.
- [33] Bello-Orgaz, G. Evolutionary Clustering Algorithm for Community Detection Using Graph-Based Information / G. Bello-Orgaz, D. Camacho // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 930–937.
- [34] Bennett, S. A Hybrid Discrete Particle Swarm Optimisation Method for Grid Computation Scheduling / S. Bennett, S. Nguyen, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 483–490.
- [35] Biclustering of Gene Expression Data Using Particle Swarm Optimization Integrated with Pattern-Driven Local Search / Y. Li, X. Tian, L. Jiao, X. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1367–1373.
- [36] Bidlo, M. Evolving Multiplication as Emergent Behavior in Cellular Automata Using Conditionally Matching Rules / M. Bidlo // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2732—2739.
- [37] Black-Hole PSO and SNO for Electromagnetic Optimization / M. Ruello, F. Grimaccia, M. Mussetta, R. E. Zich // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1912–1916.
- [38] Bolufe-Rohler, A. Extending Minimum Population Search Towards Large Scale Global Optimization / A. Bolufe-Rohler, S. Chen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 845–852.
- [39] Bouaziz, S. PSO-Based Update Memory for Improved Harmony Search Algorithm to the Evolution of FBBFNT' Parameters / S. Bouaziz, A. M. Alimi, A. Abraham // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1951—1958.
- [40] Bourennani, F. Multi-Objective Differential Evolution with Leadership Enhancement (MOD-EL) / F. Bourennani, S. Rahnamayan, G. F. Naterer // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1131–1138.

- [41] Brands, T. Multi-Objective Transportation Network Design: Accelerating Search by Applying e-NSGAII / T. Brands, L. Wismans, E. van Berkum // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 405–412.
- [42] Bu, C. Differential Evolution with a Species-Based Repair Strategy for Constrained Optimization / C. Bu, W. Luo, T. Zhu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 967–974.
- [43] Buck, A. Evolving a Fuzzy Goal-Driven Strategy for the Game of Geister / A. Buck, T. Banerjee, J. Keller // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 28–35.
- [44] Bujok, P. Differential Evolution with Rotation-Invariant Mutation and Competing-Strategies Adaptation / P. Bujok, J. Tvrdik, R. Polakova // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2253–2258.
- [45] Bulut, O. A Discrete Artificial Bee Colony Algorithm for the Economic Lot Scheduling Problem with Returns / O. Bulut, M. F. Tasgetiren // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 551–557.
- [46] Burattin, A. Control-Flow Discovery from Event Streams / A. Burattin, A. Sperduti, W. M. P. van der Aalst // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2420—2427.
- [47] Cai, Y. Enhanced Differential Evolution with Adaptive Direction Information / Y. Cai, J. Du // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 305–312.
- [48] Cai, Z. Distributed Wireless Sensor Scheduling for Multi-Target Tracking Based on Matrix-Coded Parallel Genetic Algorithm / Z. Cai, S. Wen, L. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2013–2018.
- [49] Campbell, A. A Self Organising Map Based Method for Understanding Features Associated with High Aesthetic Value Evolved Abstract Images / A. Campbell, V. Ciesielski, K. Trist // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2274–2281.
- [50] Campos, M. Bare Bones Particle Swarm with Scale Mixtures of Gaussians for Dynamic Constrained Optimization / M. Campos, R. Krohling // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 202–209.
- [51] Carvalho, L. Multi-Objective Flexible Job-Shop Scheduling Problem with DIPSO: More Diversity, Greater Efficiency / L. Carvalho, M. Fernandes // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 282–289.
- [52] Chaman-Garcia, I. MOPSOhv: A New Hypervolume-Based Multi-Objective Particle Swarm Optimizer / I. Chaman-Garcia, C. C. Coello, A. Arias-Montano // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 266–273.
- [53] Chang, P.-C. Macroscopic Indeterminacy Swarm Optimization (MISO) Algorithm for Real-Parameter Search / P.-C. Chang, X. He // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 1571–1578.

- [54] Chatbri, H. A Modular Approach for Query Spotting in Document Images and Its Optimization Using Genetic Algorithms / H. Chatbri, P. Kwan, K. Kameyama // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2085–2092.
- [55] Che, X. A Social Metrics Based Process Model on Complex Social System / X. Che, R. Reynolds // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2214–2221.
- [56] Chen, G. Evolutionary Clustering with Differential Evolution / G. Chen, W. Luo, T. Zhu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1382—1389.
- [57] Chen, S.-W. Evolutionary Many-Objective Optimization by MO-NSGA-II with Enhanced Mating Selection / S.-W. Chen, T.-C. Chiang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1397–1404.
- [58] Chen, Y. Multi-Dimensional Scaling and MODELLER-Based Evolutionary Algorithms for Protein Model Refinement / Y. Chen, Y. Shang, D. Xu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1038–1045.
- [59] Cheng, P. Use EMO to Protect Sensitive Knowledge in Association Rule Mining by Removing Items / P. Cheng, J.-S. Pan, C.-W. Lin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1108–1115.
- [60] Cheng, R. Demonstrator Selection in a Social Learning Particle Swarm Optimizer / R. Cheng, Y. Jin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3103–3110.
- [61] Chotard, A. Markov Chain Analysis of Evolution Strategies on a Linear Constraint Optimization Problem / A. Chotard, A. Auger, N. Hansen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 159–166.
- [62] Chou, C.-H. A RFID Network Design Methodology for Decision Problem in Health Care / C.-H. Chou, H. Chia-Ling, P.-C. Chang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1586—1592.
- [63] Chow, C. K. A Dynamic History-Driven Evolutionary Algorithm / C. K. Chow, S. Y. Yuen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1558—1564.
- [64] Cleghorn, C. Particle Swarm Convergence: An Empirical Investigation / C. Cleghorn, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2524—2530.
- [65] A Clustering-Based Approach for Exploring Sequences of Compiler Optimizations / L. Martins, R. Nobre, A. Delbem et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2436—2443.
- [66] A Clustering Based Multiobjective Evolutionary Algorithm / H. Zhang, S. Song, A. Zhou, X.-Z. Gao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 723–730.
- [67] A Combined MapReduce-Windowing Two-Level Parallel Scheme for Evolutionary Prototype Generation / I. Triguero, D. Peralta, J. Bacardit et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3036–3043.

- [68] Comparative Analysis of Classical Multi-Objective Evolutionary Algorithms and Seeding Strategies for Pairwise Testing of Software Product Lines / R. E. Lopez-Herrejon, J. Ferrer, F. Chicano et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 387–396.
- [69] A Compression Optimization Algorithm for Community Detection / J. Wu, L. Yuan, Q. Gong et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 667–671.
- [70] Computing Opposition by Involving Entire Population / S. Rahnamayan, J. Jesuthasan, F. Bourennani et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1800–1807.
- [71] Confidence-Based Ant Random Walks / P. He, L. Lu, X. Xu et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1721–1728.
- [72] A Constrained Multi-Objective Surrogate-Based Optimization Algorithm / P. Singh, I. Couckuyt, F. Ferranti, T. Dhaene // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 3080–3087.
- [73] Cooperation with Potential Leaders in Evolutionary Game Study of Networking Agents / J. Zhang, C. Zhang, T. Chu, M. Cao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 918–923.
- [74] A Cooperative Honey Bee Mating Algorithm and Its Application in Multi-Threshold Image Segmentation / Y. Jiang, Z. Yang, Z. Hao et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1579–1585.
- [75] Cost-Sensitive Texture Classification / G. Schaefer, B. Krawczyk, N. Doshi, T. Nakashima // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 105–108.
- [76] The Coupled EigenAnt Algorithm for Shortest Path Problems / E. Kaszkurewicz, A. Bhaya, J. Jayadeva, J. M. M. da Silva // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1729— 1735.
- [77] Cui, T. A Combinatorial Algorithm for the Cardinality Constrained Portfolio Optimization Problem / T. Cui, S. Cheng, R. Bai // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 491–498.
- [78] Cultural Algorithms Applied to the Evolution of Robotic Soccer Team Tactics: A Novel Perspective / M. Ali, A. Morghem, J. AlBadarneh et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2180–2187.
- [79] da Silva, A. S. A Graph-Based Particle Swarm Optimisation Approach to QoS-Aware Web Service Composition and Selection / A. S. da Silva, H. Ma, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3127–3134.
- [80] Davila, J. Genotype Coding, Diversity, and Dynamic Environments: A Study on an Evolutionary Neural Network Multi-Agent System / J. Davila // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2306–2313.

- [81] Dawson, L. Accelerating Ant Colony Optimization-Based Edge Detection on the GPU Using CUDA / L. Dawson, I. Stewart // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1736— 1743.
- [82] A Decomposition-Based Algorithm for Dynamic Economic Dispatch Problems / E. Sayed, D. Essam, R. Sarker, S. Elsayed // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1898—1905.
- [83] Decomposition Based Multiobjective Evolutionary Algorithm for Collaborative Filtering Recommender Systems / S. Wang, M. Gong, L. Ma et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 672–679.
- [84] Deployment Optimization of Near Space Airships Based on MOEA/D with Local Search / Z. Wang, M. Gong, Q. Cai et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2345—2352.
- [85] Dhebar, Y. Non-Uniform Mapping in Real-Coded Genetic Algorithms / Y. Dhebar, K. Deb, S. Bandaru // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July.— P. 2237–2244.
- [86] Dick, G. Model Representation and Cooperative Coevolution for Finite-State Machine Evolution / G. Dick, X. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2700–2707.
- [87] A Differential Evolution Box-Covering Algorithm for Fractal Dimension on Complex Networks / L. Kuang, Z. Zhao, F. Wang et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 693-699.
- [88] Differential Evolution in Constrained Sampling Problems / G. Varela, P. Caamano, F. Orjales et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2375–2382.
- [89] Differential Evolution Strategy Based on the Constraint of Fitness Values Classification / Z. Li, Z. Shang, J. J. Liang, B. Y. Qu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1454—1460.
- [90] Dimensions Cooperate by Euclidean Metric in Particle Swarm Optimization / Z. Li, J. Zhang, W. Wang, J. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1359–1366.
- [91] Ding, K. Comparison of Random Number Generators in Particle Swarm Opimization Algorithm / K. Ding, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2664–2671.
- [92] A Discrete Artificial Bee Colony Algorithm for the Parallel Machine Scheduling Problem in DYO Painting Company / D. Kizilay, M. F. Tasgetiren, O. Bulut, B. Bostan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 653-660.
- [93] Dong, W. Linear Sparse Arrays Designed by Dynamic Constrained Multi-Objective Evolutionary Algorithm / W. Dong, S. Zeng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 3067—3072.
- [94] Du, X. Performance of AI Algorithms for Mining Meaningful Roles / X. Du, X. Chang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2070—2076.

- [95] Dynamic Search in Fireworks Algorithm / S. Zheng, A. Janecek, J. Li, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3222–3229.
- [96] Effect of Pseudo Gradient on Differential Evolutionary for Global Numerical Optimization / J. Ding, L. Chen, Q. Xie et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2019— 2026.
- [97] Elsayed, S. A Surrogate-Assisted Differential Evolution Algorithm with Dynamic Parameters Selection for Solving Expensive Optimization Problems / S. Elsayed, T. Ray, R. Sarker // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1062–1068.
- [98] Elsayed, S. United Multi-Operator Evolutionary Algorithms / S. Elsayed, R. Sarker, D. Essam // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1006—1013.
- [99] Enaya, Y. Network Path Optimization Under Dynamic Conditions / Y. Enaya, K. Deb // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2977—2984.
- [100] Encodings for Evolutionary Algorithms in Smart Buildings with Energy Management Systems / I. Mauser, M. Dorscheid, F. Allerding, H. Schmeck // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2361–2366.
- [101] Erlich, I. Evaluating the Mean-Variance Mapping Optimization on the IEEE-CEC 2014 Test Suite / I. Erlich, J. L. Rueda, S. Wildenhues // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1625–1632.
- [102] Erlich, I. Solving the IEEE-CEC 2014 Expensive Optimization Test Problems by Using Single-Particle MVMO / I. Erlich, J. L. Rueda, S. Wildenhues // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1084–1091.
- [103] Evaluating the Performance of Group Counseling Optimizer on CEC 2014 Problems for Computational Expensive Optimization / S. Biswas, M. A. Eita, S. Das, A. V. Vasilakos // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1076—1083.
- [104] Everitt, T. Free Lunch for Optimisation under the Universal Distribution / T. Everitt, T. Lattimore, M. Hutter // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 167–174.
- [105] A Evolutionary Algorithm Based on Covariance Matrix Leaning and Searching Preference for Solving CEC 2014 Benchmark Problems / L. Chen, H.-L. Liu, Z. Zheng, S. Xie // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2672–2677.
- [106] Evolutionary Algorithms Dynamics and Its Hidden Complex Network Structures / Z. Ivan, L. Jouni, S. Roman et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3246–3251.
- [107] An Evolutionary Approach for Combining Results of Recommender Systems Techniques Based on Collaborative Filtering / E. Q. Silva, C. G. Camilo-Junior, L. M. L. Pascoal, T. C. Rosa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 959–966.

- [108] An Evolutionary Multi-Objective Approach for Prototype Generation / A. Rosales-Perez, H. J. Escalante, C. A. C. Coello et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1100–1107.
- [109] Evolutionary Multiobjective Optimization in Dynamic Environments: A Set of Novel Benchmark Functions / S. Biswas, S. Das, P. N. Suganthan, C. A. C. Coello // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3192–3199.
- [110] Evolutionary Semi-Supervised Learning with Swarm Intelligence / X. Xu, L. Lu, P. He et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1343—1350.
- [111] Evolved Neural Networks for HIV-1 Co-Receptor Identification / G. Fogel, E. Liu, M. Salemi et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2778–2784.
- [112] Evolving Exact Integer Algorithms with Genetic Programming / T. Weise, M. Wan, K. Tang, X. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1816—1823.
- [113] An Examination of Synchronisation in Artificial Gene Regulatory Networks / J. Byrne, M. Nicolau, A. Brabazon, M. O'Neill // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2764—2769.
- [114] Extending Distance-Based Ranking Models in Estimation of Distribution Algorithms / J. Ceberio, E. Irurozki, A. Mendiburu, J. A. Lozano // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2459–2466.
- [115] An External Archive Guided Multiobjective Evolutionary Approach Based on Decomposition for Continuous Optimization / L. Yexing, C. Xinye, F. Zhun, Z. Qingfu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1124–1130.
- [116] Farzan, S. A Parallel Evolutionary Solution for the Inverse Kinematics of Generic Robotic Manipulators / S. Farzan, G. DeSouza // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 358–365.
- [117] A Fast Restarting Particle Swarm Optimizer / J. Zhang, X. Zhu, W. Wang, J. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.-6-11 July. P. 1351-1358.
- [118] Fatnassi, E. A Bee Colony Algorithm for Routing Guided Automated Battery-Operated Electric Vehicles in Personal Rapid Transit Systems / E. Fatnassi, O. Chebbi, J. Chaouachi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 536—543.
- [119] Feature Selection Based on Manifold-Learning with Dynamic Constraint-Handling Differential Evolution / Z. Li, Z. Shang, J. J. Liang, B. Y. Qu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 332–337.
- [120] Felipe, D. Scientific Algorithms for the Car Renter Salesman Problem / D. Felipe, E. F. G. Goldbarg, M. C. Goldbarg // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 873–879.
- [121] Feng, S. Characterizing the Impact of Selection on the Evolution of Cooperation in Complex Networks / S. Feng, S. Tan, J. Lu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 813–818.

- [122] Fieldsend, J. Running Up Those Hills: Multi-Modal Search with the Niching Migratory Multi-Swarm Optimiser / J. Fieldsend // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2593—2600.
- [123] Filter Based Backward Elimination in Wrapper Based PSO for Feature Selection in Classification / B. H. Nguyen, B. Xue, I. Liu, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3111–3118.
- [124] Find Robust Solutions Over Time by Two-Layer Multi-Objective Optimization Method / Y. Guo, M. Chen, H. Fu, Y. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1528–1535.
- [125] Fireworks Algorithm with Differential Mutation for Solving the CEC 2014 Competition Problems / C. Yu, L. Kelley, S. Zheng, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 3238–3245.
- [126] A First Attempt on Evolutionary Prototype Reduction for Nearest Neighbor One-Class Classification / B. Krawczyk, I. Triguero, S. Garcia et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 747–753.
- [127] Friedrich, T. A Cascaded Evolutionary Multi-Objective Optimization for Solving the Unbiased Universal Electric Motor Family Problem / T. Friedrich, S. Menzel // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3184–3191.
- [128] Fu, W. Unsupervised Learning for Edge Detection Using Genetic Programming / W. Fu, M. Johnston, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 117–124.
- [129] Gao, C. A Weighting-Based Local Search Heuristic Algorithm for the Set Covering Problem / C. Gao, T. Weise, J. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 826–831.
- [130] Garden, R. Analysis and Classification of Optimisation Benchmark Functions and Benchmark Suites / R. Garden, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1641–1649.
- [131] Gaussian Adaptation Based Parameter Adaptation for Differential Evolution / R. Mallipeddi, G. Wu, M. Lee, S. P. Nagaratnam // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1760–1767.
- [132] Gee, S. B. Diversity Preservation with Hybrid Recombination for Evolutionary Multiobjective Optimization / S. B. Gee, K. C. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1172—1178.
- [133] Genetic Algorithm with Self-Adaptive Mutation Controlled by Chromosome Similarity / D. Smullen, J. Gillett, J. Heron, S. Rahnamayan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 504–511.
- [134] A Genetic Programming-Based Hyper-heuristic Approach for Storage Location Assignment Problem / J. Xie, Y. Mei, A. Ernst et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3000—3007.
- [135] Georgieva, K. S. Cooperative DynDE for Temporal Data Clustering / K. S. Georgieva, A. P. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 437–444.

- [136] Glette, K. Lookup Table Partial Reconfiguration for an Evolvable Hardware Classifier System / K. Glette, P. Kaufmann // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1706—1713.
- [137] Gonzalez-Pardo, A. A New CSP Graph-Based Representation to Resource-Constrained Project Scheduling Problem / A. Gonzalez-Pardo, D. Camacho // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 344–351.
- [138] GP-Based Kernel Evolution for L2-Regularization Networks / S. Scardapane, D. Comminiello, M. Scarpiniti, A. Uncini // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1674–1681.
- [139] Grammar Based Genetic Programming with Bayesian Network / P.-K. Wong, L.-Y. Lo, M.-L. Wong, K.-S. Leung // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 739–746.
- [140] GSCA: Reconstructing Biological Pathway Topologies Using a Cultural Algorithms Approach / T. Judeh, T. Jayyousi, L. Acharya et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2206–2213.
- [141] Gu, J. An Adaptive PSO Based on Motivation Mechanism and Acceleration Restraint Operator / J. Gu, X. Shi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1328–1336.
- [142] Gu, L. A Dynamic-Weighted Collaborative Filtering Approach to Address Sparsity and Adaptivity Issues / L. Gu, P. Yang, Y. Dong // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3044–3050.
- [143] Hamza, N. Differential Evolution with a Constraint Consensus Mutation for Solving Optimization Problems / N. Hamza, R. Sarker, D. Essam // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 991–997.
- [144] Handa, H. Deep Boltzmann Machine for Evolutionary Agents of Mario AI / H. Handa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 36–41.
- [145] Hardhienata, M. Task Allocation Under Communication Constraints Using Motivated Particle Swarm Optimization / M. Hardhienata, V. Ugrinovskii, K. Merrick // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3135–3142.
- [146] Harrison, K. Dynamic Multi-Objective Optimization Using Charged Vector Evaluated Particle Swarm Optimization / K. Harrison, B. Ombuki-Berman, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1929–1936.
- [147] He, J. A Theoretical Assessment of Solution Quality in Evolutionary Algorithms for the Knapsack Problem / J. He, M. Boris, Y. Zhou // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 141–148.
- [148] He, T. Evolutionary Community Detection in Social Networks / T. He, K. C. Chan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1496—1503.
- [149] Helbig, M. Heterogeneous Dynamic Vector Evaluated Particle Swarm Optimisation for Dynamic Multi-Objective Optimisation / M. Helbig, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3151–3159.

- [150] A Heuristic Approach to Greener Airport Ground Movement / M. Weiszer, J. Chen, S. Ravizza et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3280–3286.
- [151] Heuristic Space Diversity Management in a Meta-Hyper-Heuristic Framework / J. Grobler, A. P. Engelbrecht, G. Kendall, V. Yadavalli // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1863–1869.
- [152] HMOEDA_LLE: A Hybrid Multi-Objective Estimation of Distribution Algorithm Combining Locally Linear Embedding / Y. Zhang, G. Dai, L. Peng, M. Wang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 707–714.
- [153] *Htiouech, S.* A Lagrangian and Surrogate Information Enhanced Tabu Search for the MMKP / S. Htiouech, S. Bouamama // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1461–1468.
- [154] Hu, W. Sensitivity Analysis of Parallel Cell Coordinate System in Many-Objective Particle Swarm Optimization / W. Hu, G. Yen, X. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2641–2648.
- [155] Hu, X.-B. Genetic Algorithm with Spatial Receding Horizon Control for the Optimization of Facility Locations / X.-B. Hu, M. S. Leeson // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 903–909.
- [156] Hu, X.-B. Calculating the Complete Pareto Front for a Special Class of Continuous Multi-Objective Optimization Problems / X.-B. Hu, M. Wang, M. S. Leeson // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 290—297.
- [157] Hu, Z. Partial Opposition-Based Adaptive Differential Evolution Algorithms: Evaluation on the CEC 2014 Benchmark Set for Real-Parameter Optimization / Z. Hu, Y. Bao, T. Xiong // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2259—2265.
- [158] Hui, S. Niching-Based Self-adaptive Ensemble DE with MMTS for Solving Dynamic Optimization Problems / S. Hui, N. S. Ponnuthurai // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 1536—1541.
- [159] Hunt, R. Evolving Machine-Specific Dispatching Rules for a Two-Machine Job Shop using Genetic Programming / R. Hunt, M. Johnston, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 618–625.
- [160] Image Deblurring Using a Hybrid Optimization Algorithm / K. Y. Chan, N. Rajakaruna, C. Rathnayake, I. Murray // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1243—1249.
- [161] An Improved Ant Colony Algorithm for Winner Determination in Multi-Attribute Combinatorial Reverse Auction / X. Qian, M. Huang, T. Gao, X. Wang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1917–1921.
- [162] Improved Differential Evolution with Adaptive Opposition Strategy / H. Liu, Z. Wu, H. Wang et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1776–1783.

- [163] An Improved JADE Algorithm for Global Optimization / M. Yang, Z. Cai, C. Li, J. Guan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 806-812.
- [164] An Improved Two Archive Algorithm for Many-Objective Optimization / B. Li, J. Li, K. Tang, X. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2869–2876.
- [165] Integrating User Preferences and Decomposition Methods for Many-Objective Optimization / A. Mohammadi, M. N. Omidvar, X. Li, K. Deb // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 421–428.
- [166] Jana, N. D. Particle Swarm Optimization with Population Adaptation / N. D. Jana, S. Das, J. Sil // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 573–578.
- [167] Janecek, A. Swarm/Evolutionary Intelligence for Agent-Based Social Simulation / A. Janecek, T. Jordan, F. B. de Lima-Neto // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2925—2932.
- [168] Jariyatantiwait, C. Fuzzy Multiobjective Differential Evolution Using Performance Metrics Feedback / C. Jariyatantiwait, G. Yen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1959—1966.
- [169] Jiang, S. An Improved Quantum-Behaved Particle Swarm Optimization Based on Linear Interpolation / S. Jiang, S. Yang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 769—775.
- [170] Jin, N. Heuristic Optimization for Software Project Management with Impacts of Team Efficiency / N. Jin, X. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3016–3023.
- [171] Juan, T. Cultural Learning for Multi-Agent System and Its Application to Fault Management / T. Juan, A. Jose, C. Mariela // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2188–2195.
- [172] Karim, M. R. Coevolutionary Genetic Algorithm for Variable Ordering in CSPs / M. R. Karim, M. Mouhoub // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2716–2723.
- [173] Kazimipour, B. Effects of Population Initialization on Differential Evolution for Large Scale Optimization / B. Kazimipour, X. Li, A. Qin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2404–2411.
- [174] Kazimipour, B. A Review of Population Initialization Techniques for Evolutionary Algorithms / B. Kazimipour, X. Li, A. Qin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2585—2592.
- [175] Ke, L. A Cooperative Approach between Metaheuristic and Branch-and-Price for the Team Orienteering Problem with Time Windows / L. Ke // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1878–1882.
- [176] Ki-Baek, L. DMOPSO: Dual Multi-Objective Particle Swarm Optimization / L. Ki-Baek, K. Jong-Hwan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 3096–3102.

- [177] Klazar, R. Parameter Optimization by Means of Statistical Quality Guides in F-Race / R. Klazar, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2547–2552.
- [178] Knowledge Acquisition Issues for Intelligent Route Optimization by Evolutionary Computation / M. Suzuki, S. Tsuruta, R. Knauf, Y. Sakurai // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 3252–3257.
- [179] Kren, T. Generating Lambda Term Individuals in Typed Genetic Programming Using Forgetful A* / T. Kren, R. Neruda // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1847—1854.
- [180] Krityakierne, T. SO-MODS: Optimization for High Dimensional Computationally Expensive Multi-Modal Functions with Surrogate Search / T. Krityakierne, J. Mueller, C. Shoemaker // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1092–1099.
- [181] Kromer, P. Can Deterministic Chaos Improve Differential Evolution for the Linear Ordering Problem? / P. Kromer, I. Zelinka, V. Snasel // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1443–1448.
- [182] Ksibi, A. Enhancing Relevance Re-Ranking Using Nature-Inspired Meta-Heuristic Optimization Algorithms / A. Ksibi, A. B. Ammar, C. B. Amar // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1435–1442.
- [183] Lara-Cabrera, R. A Self-Adaptive Evolutionary Approach to the Evolution of Aesthetic Maps for a RTS Game / R. Lara-Cabrera, C. Cotta, A. J. Fernandez-Leiva // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 298–304.
- [184] Lattarulo, V. Application of the MOAA for the Optimization of CORAIL Assemblies for Nuclear Reactors / V. Lattarulo, B. A. Lindley, G. T. Parks // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1413–1420.
- [185] Lauri, F. Hybrid ACO/EA Algorithms Applied to the Multi-Agent Patrolling Problem / F. Lauri, A. Koukam // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 250–257.
- [186] Learning a Super Mario Controller from Examples of Human Play / G. Lee, M. Luo, F. Zambetta, X. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1–8.
- [187] Lee, P.-M. Applying LCS to Affective Images Classification in Spatial-Frequency Domain / P.-M. Lee, T.-C. Hsiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1690–1697.
- [188] Lee, S.-M. A Cooperative Coevolutionary Approach to Multi-Robot Formation Control / S.-M. Lee, H. Myung // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1225–1231.
- [189] Li, B. Search-Evasion Path Planning for Submarines Using the Artificial Bee Colony Algorithm / B. Li, R. Chiong, L. Gong // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 528–535.
- [190] Li, F. Quantum Bacterial Foraging Optimization Algorithm / F. Li, Y. Zhang, H. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1265–1272.

- [191] Li, H. Multiobjective Test Problems with Complicated Pareto Fronts: Difficulties in Degeneracy / H. Li, Q. Zhang, J. Deng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2156—2163.
- [192] Li, J. Using Estimation of Distribution Algorithm to Coordinate Decentralized Learning Automata for Meta-Task Scheduling / J. Li, J. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2077–2084.
- [193] Li, J. Adaptive Fireworks Algorithm / J. Li, S. Zheng, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3214–3221.
- [194] Li, M. Graph Centrality Measures and the Robustness of Cooperation / M. Li, C. O'Riordan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1232–1237.
- [195] Li, M. A Test Problem for Visual Investigation of High-Dimensional Multi-Objective Search / M. Li, S. Yang, X. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2140–2147.
- [196] Li, X. Adaptive Genetic Network Programming / X. Li, W. He, K. Hirasawa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1808–1815.
- [197] Li, X. Creating Stock Trading Rules Using Graph-Based Estimation of Distribution Algorithm / X. Li, W. He, K. Hirasawa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 731–738.
- [198] Li, X. Generalized Classifier System: Evolving Classifiers with Cyclic Conditions / X. Li, W. He, K. Hirasawa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1682–1689.
- [199] Li, X. Learning and Evolution of Genetic Network Programming with Knowledge Transfer / X. Li, W. He, K. Hirasawa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 798–805.
- [200] Li, Y. An MOEA/D with Multiple Differential Evolution Mutation Operators / Y. Li, A. Zhou,
 G. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by
 C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 397–404.
- [201] Liang, Y.-C. Artificial Bee Colony for Workflow Scheduling / Y.-C. Liang, H.-L. Chen, Y.-H. Nien // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 558–564.
- [202] Liao, Q. A Locally Weighted Metamodel for Pre-Selection in Evolutionary Optimization / Q. Liao, A. Zhou, G. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2483—2490.
- [203] Liao, X.-L. A Genetic Algorithm for the Minimum Latency Pickup and Delivery Problem / X.-L. Liao, C.-H. Chien, C.-K. Ting // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3272—3279.
- [204] Lin, L. A Hybrid EA for High-Dimensional Subspace Clustering Problem / L. Lin, G. Mitsuo, L. Yan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2855–2860.
- [205] Liu, C. Memetic Algorithm with Adaptive Local Search Depth for Large Scale Global Optimization / C. Liu, B. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 82–88.

- [206] Liu, J. Particle Swarm Optimization for Integrity Monitoring in BDS/DR Based Railway Train Positioning / J. Liu, B. gen Cai, J. Wang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 792–797.
- [207] Liu, J. Regression Ensemble with PSO Algorithms Based Fuzzy Integral / J. Liu, Y. He, Y. Hu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 762–768.
- [208] Liu, J. Analysis on Global Convergence and Time Complexity of Fireworks Algorithm / J. Liu, S. Zheng, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3207–3213.
- [209] Liu, M. A Benchmark Generator for Dynamic Capacitated Arc Routing Problems / M. Liu, H. Singh, T. Ray // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 579–586.
- [210] Liu, M. A Memetic Algorithm with a New Split Scheme for Solving Dynamic Capacitated Arc Routing Problems / M. Liu, H. Singh, T. Ray // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 595–602.
- [211] Liu, R. A Multi-Swarm Particle Swarm Optimization with Orthogonal Learning for Locating and Tracking Multiple Optima in Dynamic Environments / R. Liu, X. Niu, L. Jiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 754–761.
- [212] Liu, W.-Y. A Cultural Algorithm for Spatial Forest Harvest Scheduling / W.-Y. Liu, C.-C. Lin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1273—1276.
- [213] Lotif, M. Visualizing the Population of Meta-Heuristics During the Optimization Process Using Self-Organizing Maps / M. Lotif // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 313–319.
- [214] Luo, C. Kriging Model Based Many-Objective Optimization with Efficient Calculation of Expected Hypervolume Improvement / C. Luo, K. Shimoyama, S. Obayashi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1187–1194.
- [215] Luo, Y. A Niching Two-Layered Differential Evolution with Self-Adaptive Control Parameters / Y. Luo, S. Huang, J. Hu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1405—1412.
- [216] Ma, A. Remote Sensing Imagery Clustering Using an Adaptive Bi-Objective Memetic Method / A. Ma, Y. Zhong, L. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 50–57.
- [217] Madureira, A. Cooperation Mechanism For Distributed Resource Scheduling Through Artificial Bee Colony Based Self-Organized Scheduling System / A. Madureira, B. Cunha, I. Pereira // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 565–572.
- [218] Mahdavi, S. Cooperative Co-Evolution with a New Decomposition Method for Large-Scale Optimization / S. Mahdavi, M. E. Shiri, S. Rahnamayan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1285–1292.
- [219] Maia, R. Real-Parameter Optimization with OptBees / R. Maia, L. de Castro, W. Caminhas // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2649—2655.

- [220] Maintaining Population Diversity in Brain Storm Optimization Algorithm / S. Cheng, Y. Shi, Q. Qin et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3230–3237.
- [221] Malan, K. A Progressive Random Walk Algorithm for Sampling Continuous Fitness Landscapes / K. Malan, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2507–2514.
- [222] Manfrini, F. Optimization of Combinational Logic Circuits Through Decomposition of Truth Table and Evolution of Sub-Circuits / F. Manfrini, H. Barbosa, H. Bernadino // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 945–950.
- [223] Many-Objective Evolutionary Computation for Optimization of Separated-Flow Control Using a DBD Plasma Actuator / T. Watanabe, T. Tatsukawa, A. L. Jaimes et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2849–2854.
- [224] Mapping Constrained Optimization Problems to Penalty Parameters: An Empirical Study / C. Si, J. Shen, X. Zou et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3073–3079.
- [225] Marchetti, L. On the Inference of Deterministic Chaos: Evolutionary Algorithm and Metabolic P System Approaches / L. Marchetti, V. Manca, I. Zelinka // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1483–1489.
- [226] Mario, E. D. Analysis of Fitness Noise in Particle Swarm Optimization: From Robotic Learning to Benchmark Functions / E. D. Mario, I. Navarro, A. Martinoli // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2785–2792.
- [227] Martinez, S. Z. A Multi-Objective Evolutionary Algorithm Based on Decomposition for Constrained Multi-Objective Optimization / S. Z. Martinez, C. A. C. Coello // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 429–436.
- [228] Masi, L. A Multidirectional Physarum Solver for the Automated Design of Space Trajectories / L. Masi, M. Vasile // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2992–2999.
- [229] Masuda, H. Visual Examination of the Behavior of EMO Algorithms for Many-Objective Optimization with Many Decision Variables / H. Masuda, Y. Nojima, H. Ishibuchi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2633–2640.
- [230] *Matei*, O. Applying Evolutionary Computation for Evolving Ontologies / O. Matei, D. Contras, P. Pop // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1520–1527.
- [231] Mavrovouniotis, M. Elitism-Based Immigrants for Ant Colony Optimization in Dynamic Environments: Adapting the Replacement Rate / M. Mavrovouniotis, S. Yang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1752–1759.
- [232] Mavrovouniotis, M. Interactive and Non-Interactive Hybrid Immigrants Schemes for Ant Algorithms in Dynamic Environments / M. Mavrovouniotis, S. Yang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1542–1549.

- [233] Mayo, M. Evolving Artificial Datasets to Improve Interpretable Classifiers / M. Mayo, Q. Sun // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2367–2374.
- [234] McNabb, A. Serial PSO Results are Irrelevant in a Multi-Core Parallel World / A. McNabb, K. Seppi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3143—3150.
- [235] Mei, Y. Variable Neighborhood Decomposition for Large Scale Capacitated Arc Routing Problem / Y. Mei, X. Li, X. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1313–1320.
- [236] A Memetic Algorithm Based on Immune Multi-Objective Optimization for Flexible Job-Shop Scheduling Problems / J. Ma, Y. Lei, Z. Wang, L. Jiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 58–65.
- [237] A Memetic Algorithm for Solving Flexible Job-Shop Scheduling Problems / W. Ma, Y. Zuo, J. Zeng et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 66–73.
- [238] A Memetic Algorithm for Solving Permutation Flow Shop Problems with Known and Unknown Machine Breakdowns / H. F. Rahman, R. Sarker, D. Essam, G. Chang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 42–49.
- [239] A Memetic Algorithm Using Local Structural Information for Detecting Community Structure in Complex Networks / C. Mu, J. Xie, R. Liu, L. Jiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 680–686.
- [240] Memetic Differential Evolution Based on Fitness Euclidean-Distance Ratio / J. J. Liang, B. Y. Qu, H. Song, Z. G. Shang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2266— 2273.
- [241] A Memetic Hybrid Method for the Molecular Distance Geometry Problem with Incomplete Information / M. S. Nobile, A. G. Citrolo, P. Cazzaniga et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1014–1021.
- [242] Menchaca-Mendez, A. MD-MOEA: A New MOEA Based on the Maximin Fitness Function and Euclidean Distances between Solutions / A. Menchaca-Mendez, C. A. C. Coello // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2148–2155.
- [243] Menendez, H. D. A Co-Evolutionary Multi-Objective Approach for a K-Adaptive Graph-Based Clustering Algorithm / H. D. Menendez, D. F. Barrero, D. Camacho // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2724—2731.
- [244] Menendez, H. D. Combining Graph Connectivity and Genetic Clustering to Improve Biomedical Summarization / H. D. Menendez, L. Plaza, D. Camacho // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2740–2747.
- [245] Menezes, M. A Memetic Algorithm for the Prize Collecting Traveling Car Renter Problem / M. Menezes, M. Goldbarg, E. Goldbarg // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 3258–3265.

- [246] Mesa, E. A New Self-Adaptive PSO Based on the Identification of Planar Regions / E. Mesa, J. D. Velasquez, P. Jaramillo // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1937–1943.
- [247] Metaheuristics for the 3D Bin Packing Problem in the Steel Industry / J. Viegas, S. Vieira, J. Sousa, E. Henriques // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 338–343.
- [248] Metlicka, M. Chaos-Driven Discrete Artificial Bee Colony / M. Metlicka, D. Davendra // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2947–2954.
- [249] ming Cheung, Y. Online Objective Reduction for Many-Objective Optimization Problems / Y. ming Cheung, F. Gu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1165—1171.
- [250] Minimizing Makespan for a No-Wait Flowshop Using Tabu Mechanism Improved Iterated Greedy Algorithm / J. Ding, S. Song, R. Zhang, C. Wu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1906–1911.
- [251] *Minisci, E.* Adaptive Inflationary Differential Evolution / E. Minisci, M. Vasile // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1792–1799.
- [252] A Modified Bat Algorithm to Predict Protein-Protein Interaction Network / A. Chowdhury, P. Rakshit, A. Konar, A. Nagar // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1046— 1053.
- [253] Molina, D. Influence of Regions on the Memetic Algorithm for the Special Session on Real-Parameter Single Objetive Optimisation / D. Molina, B. Lacroix, F. Herrera // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1633–1640.
- [254] The Monarchy Driven Optimization Algorithm / R. Burman, S. Das, Z. Haque et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3008–3015.
- [255] Montgomery, J. Identifying and Exploiting the Scale of a Search Space in Differential Evolution / J. Montgomery, S. Chen, Y. Gonzalez-Fernandez // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1427–1434.
- [256] Moshaiov, A. Is MO-CMA-ES Superior to NSGA-II for the Evolution of Multi-Objective Neuro-Controllers? / A. Moshaiov, O. Abramovich // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2809–2816.
- [257] Moshaiov, A. Family Bootstrapping: A Genetic Transfer Learning Approach for Onsetting the Evolution for a Set of Related Robotic Tasks / A. Moshaiov, A. Tal // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2801–2808.
- [258] Mu, C. An Intelligent Ant Colony Optimization for Community Detection in Complex Networks / C. Mu, J. Zhang, L. Jiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 700–706.
- [259] Multi-Objective Differential Evolution Algorithm Based on Fast Sorting and a Novel Constraints Handling Technique / J. J. Liang, B. Zheng, B. Y. Qu, H. Song // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 445–450.

- [260] Multi-Objective Optimization Model Based on Steady Degree for Teaching Building Evacuation / P. Duan, S. Xiong, Z. Hu et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 924–929.
- [261] A Multiobjective Optimization Method Based on MOEA/D and Fuzzy Clustering for Change Detection in SAR Images / Q. Wang, H. Li, M. Gong et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3024–3029.
- [262] Naqvi, S. S. Genetic Algorithms Based Feature Combination for Salient Object Detection, for Autonomously Identified Image Domain Types / S. S. Naqvi, W. N. Browne, C. Hollitt // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 109–116.
- [263] Network on Chip Optimization Based on Surrogate Model Assisted Evolutionary Algorithms / M. Wu, A. Karkar, B. Liu et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3266—3271.
- [264] A New Adaptive Kalman Filter by Combining Evolutionary Algorithm and Fuzzy Inference System / Y. Huo, Z. Cai, W. Gong, Q. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2893–2900.
- [265] A New Penalty Function Method for Constrained Optimization Using Harmony Search Algorithm / B. Zhang, J. hua Duan, H. yan Sang et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 853–859.
- [266] A New Self-Learning TLBO Algorithm for RBF Neural Modelling of Batteries in Electric Vehicles / Z. Yang, K. Li, A. Foley, C. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2685–2691.
- [267] A New Strategy for Finding Good Local Guides in MOPSO / M. F. Leung, S. C. Ng, C. C. Cheung, A. K. Lui // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1990–1997.
- [268] Nguyen, S. A Sequential Genetic Programming Method to Learn Forward Construction Heuristics for Order Acceptance and Scheduling / S. Nguyen, M. Zhang, M. Johnston // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1824–1831.
- [269] Nguyen, T. Integrating Fuzzy Integral and Heuristic Search for Unit Micromanagement in RTS Games / T. Nguyen, K. Nguyen, R. Thawonmas // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 9–12.
- [270] Ni, Q. A New Dynamic Probabilistic Particle Swarm Optimization with Dynamic Random Population Topology / Q. Ni, C. Cao, X. Yin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 1321–1327.
- [271] Nishiyama, M. Applying Conversion Matrix to Robots for Imitating Motion Using Genetic Algorithms / M. Nishiyama, H. Iba // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 938–944.
- [272] Niu, B. Binary Bacterial Foraging Optimization for Solving 0/1 Knapsack Problem / B. Niu, Y. Bi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 647–652.

- [273] Non-Invasive Detection of Hypoglycemic Episodes in Type1 Diabetes Using Intelligent Hybrid Rough Neural System / S. H. Ling, P. P. San, H. K. Lam, H. Nguyen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1238–1242.
- [274] A Novel Artificial Bee Colony Algorithm with Integration of Extremal Optimization for Numerical Optimization Problems / M.-R. Chen, W. Zeng, G.-Q. Zeng et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 242—249.
- [275] A Novel Chaotic Artificial Bee Colony Algorithm Based on Tent Map / F. Kuang, Z. Jin, W. Xu, S. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 235–241.
- [276] A Novel Genetic Algorithm Approach for Simultaneous Feature and Classifier Selection in Multi Classifier System / T. T. Nguyen, A. W.-C. Liew, M. T. Tran et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1698–1705.
- [277] A Novel Hybrid Approach for Curriculum Based Course Timetabling Problem / C. W. Fong, H. Asmuni, W. S. Lam et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 544—550.
- [278] A Novel Hybridization of Opposition-Based Learning and Cooperative Co-Evolutionary for Large-Scale Optimization / B. Kazimipour, M. N. Omidvar, X. Li, A. Qin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2833—2840.
- [279] A Novel Improvement of Particle Swarm Optimization Using Dual Factors Strategy / L. Wang, B. Yang, Y. Li, N. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 183—189.
- [280] Oh, H. Evolving Hierarchical Gene Regulatory Networks for Morphogenetic Pattern Formation of Swarm Robotics / H. Oh, Y. Jin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 776—783.
- [281] Omidvar, M. N. Effective Decomposition of Large-Scale Separable Continuous Functions for Cooperative Co-Evolutionary Algorithms / M. N. Omidvar, Y. Mei, X. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1305—1312.
- [282] O'Neill, M. Experiments in Program Synthesis with Grammatical Evolution: A Focus on Integer Sorting / M. O'Neill, M. Nicolau, A. Agapitos // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1504–1511.
- [283] An Online Evolutionary Rule Learning Algorithm with Incremental Attribute Discretization / E. Debie, K. Shafi, K. Merrick, C. Lokan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 1116–1123.
- [284] Online Generation of Trajectories for Autonomous Vehicles Using a Multi-Agent System / G. Greenwood, S. Elsayed, R. Sarker, H. Abbass // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1218–1224.
- [285] Optimal Approximation of Stable Linear Systems with a Novel and Efficient Optimization Algorithm / Q. Jiang, L. Wang, X. Hei et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 840–844.

- [286] Optimising Large Scale Public Transport Network Design Problems Using Mixed-Mode Parallel Multi-Objective Evolutionary Algorithms / I. Cooper, M. John, R. Lewis et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2841–2848.
- [287] Optimization Algorithm for Rectangle Packing Problem Based on Varied-Factor Genetic Algorithm and Lowest Front-Line Strategy / H. Liu, J. Zhou, X. Wu, P. Yuan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 352–357.
- [288] Optimization of Power Flow with Energy Storage Using Genetic Algorithms / V. Leite, C. Silva, J. Claro, J. M. C. Sousa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2678—2684.
- [289] Optimization of the Picking Sequence of an Automated Storage and Retrieval System (AS/RS) / R. Dornberger, T. Hanne, R. Ryter, S. Michael // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2817–2824.
- [290] Pandiyan, M. Soft Computing Techniques Based Optimal Tuning of Virtual Feedback PID Controller for Chemical Tank Reactor / M. Pandiyan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1922–1928.
- [291] Pang, W. An Immune Network Approach to Learning Qualitative Models of Biological Pathways / W. Pang, G. Coghill // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1030—1037.
- [292] A Parallel Lagrangian-ACO Heuristic for Project Scheduling / O. Brent, D. Thiruvady, A. Gomez-Iglesias, R. Garcia-Flores // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2985—2991.
- [293] Parallelization of Information Set Monte Carlo Tree Search / N. Sephton, P. Cowling, E. Powley et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2290–2297.
- [294] Particle Swarm Optimization for Integrated Yard Truck Scheduling and Storage Allocation Problem / B. Niu, T. Xie, Q. Duan, L. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 634–639.
- [295] Pat, A. Ant Colony Optimization and Hypergraph Covering Problems / A. Pat // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1714-1720.
- [296] Peng, X. Compensate Information from Multimodal Dynamic Landscapes: An Anti-Pathology Cooperative Coevolutionary Algorithm / X. Peng, X. Lei, K. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2578–2584.
- [297] Peng, Z. A Population Diversity Maintaining Strategy Based on Dynamic Environment Evolutionary Model for Dynamic Multiobjective Optimization / Z. Peng, J. Zheng, J. Zou // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 274–281.
- [298] Pereira, M. A Topological Niching Covariance Matrix Adaptation for Multimodal Optimization / M. Pereira, M. Roisenberg, G. Neto // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2562—2569.
- [299] Perturbing Event Logs to Identify Cost Reduction Opportunities: A Genetic Algorithm-Based Approach / W. Low, J. D. Weerdt, M. Wynn et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2428–2435.

- [300] Peterson, L. Evolutionary Algorithms Applied to Likelihood Function Maximization During Poisson, Logistic, and Cox Proportional Hazards Regression Analysis / L. Peterson // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1054–1061.
- [301] Phase Transition Particle Swarm Optimization / J. Ma, J. Zhang, W. Wang, J. Yao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2531–2538.
- [302] Philippe, P. Bandits Attack Function Optimization / P. Philippe, M. Remi, V. Michal // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2245–2252.
- [303] Pilat, M. The Effect of Different Local Search Algorithms on the Performance of Multi-Objective Optimizers / M. Pilat, R. Neruda // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2172—2179.
- [304] *Plagianakos*, V. Unsupervised Clustering and Multi-Optima Evolutionary Search / V. Plagianakos // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2383–2390.
- [305] Polakova, R. Controlled Restart in Differential Evolution Applied to CEC2014 Benchmark Functions / R. Polakova, J. Tvrdik, P. Bujok // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2230—2236.
- [306] Poole, D. Analysis of Constraint Handling Methods for the Gravitational Search Algorithm / D. Poole, C. Allen, T. Rendall // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2005— 2012.
- [307] Poole, D. Constraint Handling in Agent-Based Optimization by Independent Sub-Swarms / D. Poole, C. Allen, T. Rendall // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 998–1005.
- [308] Pop, P. A Hybrid Approach Based on Genetic Algorithms for Solving the Clustered Vehicle Routing Problem / P. Pop, C. Chira // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1421—1426.
- [309] Poursoltan, S. A Feature-Based Analysis on the Impact of Linear Constraints for e-Constrained Differential Evolution / S. Poursoltan, F. Neumann // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3088–3095.
- [310] Pretorius, C. A Comparison of Neural Networks and Physics Models as Motion Simulators for Simple Robotic Evolution / C. Pretorius, M. du Plessis, J. Gonsalves // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2793—2800.
- [311] Protein Folding Estimation Using Paired-Bacteria Optimizer / M. Li, T. Ji, P. Wu et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2027—2032.
- [312] Qiu, X. A Novel Differential Evolution (DE) Algorithm for Multi-Objective Optimization / X. Qiu, J. Xu, K. C. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2391–2396.
- [313] R., R. B. Lion Algorithm for Standard and Large Scale Bilinear System Identification: A Global Optimization Based on Lion's Social Behavior / R. B. R. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2116–2123.

- [314] Rakshit, P. Artificial Bee Colony Induced Multi-Objective Optimization in Presence of Noise / P. Rakshit, A. Konar, A. Nagar // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3176—3183.
- [315] Reid, S. Carry Trade Portfolio Optimization using Particle Swarm Optimization / S. Reid, K. Malan, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3051–3058.
- [316] Reordering Dimensions for Radial Visualization of Multidimensional Data A Genetic Algorithms Approach / B. H. T. Thanh, L. T. Van, H. N. Xuan et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 951–958.
- [317] A Replacement Strategy for Balancing Convergence and Diversity in MOEA/D / Z. Wang, Q. Zhang, M. Gong, A. Zhou // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2132–2139.
- [318] Reps, J. Tuning a Multiple Classifier System for Side Effect Discovery Using Genetic Algorithms / J. Reps, U. Aickelin, J. Garibaldi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 910–917.
- [319] A Review of Hybrid Evolutionary Multiple Criteria Decision Making Methods / R. C. Purshouse, K. Deb, M. M. Mansor et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1147–1154.
- [320] reza Bonyadi, M. On the Edge of Feasibility: A Case Study of the Particle Swarm Optimizer / M. reza Bonyadi, Z. Michalewicz // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 3059–3066.
- [321] Richter, H. Codynamic Fitness Landscapes of Coevolutionary Minimal Substrates / H. Richter // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2692–2699.
- [322] Runkler, T. Multidimensional Scaling with Multiswarming / T. Runkler, J. Bezdek // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2940—2946.
- [323] Sabar, N. R. Aircraft Landing Problem Using Hybrid Differential Evolution and Simple Descent Algorithm / N. R. Sabar, G. Kendall // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 520–527.
- [324] Sabar, N. R. Using Harmony Search with Multiple Pitch Adjustment Operators for the Portfolio Selection Problem / N. R. Sabar, G. Kendall // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 499–503.
- [325] Salehinejad, H. Micro-Differential Evolution with Vectorized Random Mutation Factor / H. Salehinejad, S. Rahnamayan, H. R. Tizhoosh // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2055–2062.
- [326] Salehinejad, H. Toward Using Type-II Opposition in Optimization / H. Salehinejad, S. Rahnamayan, H. R. Tizhoosh // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1768—1775.
- [327] Scatter Search Algorithm with Chaos Based Stochasticity / D. Davendra, R. Senkerik, I. Zelinka, M. Pluhacek // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 860–866.

- [328] Scheepers, C. Competitive Coevolutionary Training of Simple Soccer Agents from Zero Knowledge / C. Scheepers, A. Engelbrecht // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1210–1217.
- [329] Schlueter, M. Parallelization for Space Trajectory Optimization / M. Schlueter, M. Munetomo // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 832–839.
- [330] Segredo, E. Control of Numeric and Symbolic Parameters with a Hybrid Scheme Based on Fuzzy Logic and Hyper-heuristics / E. Segredo, C. Segura, C. Leon // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1890–1897.
- [331] Sekanina, L. Cartesian Genetic Programming as Local Optimizer of Logic Networks / L. Sekanina, O. Ptak, Z. Vasicek // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2901–2908.
- [332] Selecting the Optimal EEG Electrode Positions for a Cognitive Task Using an Artificial Bee Colony with Adaptive Scale Factor Optimization Algorithm / S. Datta, P. Rakshit, A. Konar, A. K. Nagar // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2748–2755.
- [333] Self-Adaptive Differential Evolution with Local Search Chains for Real-Parameter Single-Objective Optimization / A. K. Qin, K. Tang, H. Pan, S. Xia // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 467–474.
- [334] Self-Adaptive Morphable Model Based Multi-View Non-Cooperative 3D Face Reconstruction / K. Lin, X. Wang, X. Li, Y. Tan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 320–325.
- [335] Shan, H. A Levy Flight-Based Hybrid Artificial Bee Colony Algorithm for Solving Numerical Optimization Problems / H. Shan, T. Yasuda, K. Ohkura // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2656–2663.
- [336] Shang, R. A Novel Algorithm for Many-Objective Dimension Reductions: Pareto-PCA-NSGA-II / R. Shang, K. Zhang, L. Jiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1974—1981.
- [337] Shang-Chia, W. Pareto Simplified Swarm Optimization for Grid-Computing Reliability and Service Makspan in Grid-RMS / W. Shang-Chia, Y. Wei-Chang, Y. Tso-Jung // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1593—1600.
- [338] Shi, Z. Optimal Sizing of DGs and Storage for Microgrid with Interruptible Load Using Improved NSGA-II / Z. Shi, Y. Peng, W. Wei // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2108–2115.
- [339] Shuai, L. Simulating the Coevolution of Language and Long-Term Memory / L. Shuai, Z. Wang, T. Gong // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1374–1381.
- [340] Similarity- and Reliability-Assisted Fitness Estimation for Particle Swarm Optimization of Expensive Problems / T. Liu, C. Sun, J. Zeng, Y. Jin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 640–646.
- [341] Singh, H. Solving Problems with a Mix of Hard and Soft Constraints Using Modified Infeasibility Driven Evolutionary Algorithm (IDEA-M) / H. Singh, M. Asafuddoula, T. Ray // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 983–990.

- [342] Singh, H. A Hybrid Surrogate Based Algorithm (HSBA) to Solve Computationally Expensive Optimization Problems / H. Singh, A. Isaacs, T. Ray // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1069–1075.
- [343] Sinha, A. An Improved Bilevel Evolutionary Algorithm Based on Quadratic Approximations / A. Sinha, P. Malo, K. Deb // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1870–1877.
- [344] Smith, C. Multi-Objective Evolutionary Recurrent Neural Network Ensemble for Prediction of Computational Fluid Dynamic Simulations / C. Smith, J. Doherty, Y. Jin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 2609–2616.
- [345] Smooth Global and Local Path Planning for Mobile Robot Using Particle Swarm Optimization, Radial Basis Functions, Splines and Bezier Curves / N. Arana-Daniel, A. A. Gallegos, C. Lopez-Franco, A. Y. Alanis // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 175–182.
- [346] A Social-Evolutionary Approach to Compose a Similarity Function Used on Event Recommendation / L. M. L. Pascoal, C. G. Camilo-Junior, E. Q. Silva, T. C. Rosa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1512–1519.
- [347] Soncco-Alvarez, J. L. Memetic Algorithm for Sorting Unsigned Permutations by Reversals / J. L. Soncco-Alvarez, M. Ayala-Rincon // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2770–2777.
- [348] Souza, L. A Comparison Study of Binary Multi-Objective Particle Swarm Optimization Approaches for Test Case Selection / L. Souza, R. Prudencio, F. Barros // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2164–2171.
- [349] Souza, T. An Experimental Analysis of Evolutionary Algorithms for the Three-Objective Oil Derivatives Distribution Problem / T. Souza, E. Goldbarg, M. Goldbarg // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1982—1989.
- [350] Space-Time Simulation Model Based on Particle Swarm Optimization Algorithm for Stadium Evacuation / X. Zong, S. Xiong, H. Xu, P. Duan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 194–201.
- [351] St-Pierre, D. L. Differential Evolution Algorithm Applied to Non-Stationary Bandit Problem / D. L. St-Pierre, J. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2397–2403.
- [352] Stanley, S. Analyzing Prehistoric Hunter Behavior with Cultural Algorithms / S. Stanley, T. Palazzolo, D. Warnke // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2196–2205.
- [353] Su, Y.-E. Use Model Building on Discretization Algorithms for Discrete EDAs to Work on Real-Valued Problems / Y.-E. Su, T.-L. Yu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2491—2498.
- [354] Sudo, T. Effects of Ensemble Action Selection on the Evolution of Iterated Prisoner's Dilemma Game Strategies / T. Sudo, Y. Nojima, H. Ishibuchi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1195–1201.

- [355] Tamura, K. Primary Study on Feedback Controlled Differential Evolution / K. Tamura, K. Yasuda // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 371–378.
- [356] Tanabe, R. Improving the Search Performance of SHADE Using Linear Population Size Reduction / R. Tanabe, A. Fukunaga // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1658—1665.
- [357] Tang, J. Behavioral Learning of Aircraft Landing Sequencing Using a Society of Probabilistic Finite State Machines / J. Tang, H. A. Abbass // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 610–617.
- [358] Testing United Multi-Operator Evolutionary Algorithms on the CEC2014 Real-Parameter Numerical Optimization / S. Elsayed, R. Sarker, D. Essam, N. Hamza // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1650–1657.
- [359] Thompson, J. A. GAMI-CRM: Using De Novo Motif Inference to Detect Cis-Regulatory Modules / J. A. Thompson, C. B. Congdon // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1022—1029.
- [360] Towards Better Generalization in Pittsburgh Learning Classifier Systems / S. K. K. Santu, M. M. Rahman, M. M. Islam, K. Murase // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1666–1673.
- [361] Trading-Off Simulation Fidelity and Optimization Accuracy in Air-Traffic Experiments using Differential Evolution / R. Amin, J. Tang, M. Ellejmi et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 475–482.
- [362] Transformation of Input Space Using Statistical Moments: EA-Based Approach / A. Kattan, M. Kampouridis, Y.-S. Ong, K. Mehamdi // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2499–2506.
- [363] Tsai, P.-C. A Novel Evaluation Function for LT Codes Degree Distribution Optimization / P.-C. Tsai, C.-M. Chen, Y. ping Chen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 3030—3035.
- [364] Tsai, P.-C. PSO-Based Evacuation Simulation Framework / P.-C. Tsai, C.-M. Chen, Y. ping Chen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1944–1950.
- [365] Tsang, J. The Structure of a Probabilistic 2-State Finite Transducer Representation for Prisoner's Dilemma / J. Tsang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1202–1209.
- [366] Tung, H.-Y. Novel Traffic Signal Timing Adjustment Strategy Based on Genetic Algorithm / H.-Y. Tung, W.-C. Ma, T.-L. Yu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. —6-11 July. P. 2353—2360.
- [367] TURAN: Evolving Non-Deterministic Players for the Iterated Prisoner's Dilemma / M. Gaudesi, E. Piccolo, G. Squillero, A. Tonda // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 21–27.
- [368] Turky, A. Using Electromagnetic Algorithm for Tuning the Structure and Parameters of Neural Networks / A. Turky, S. Abdullah // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 326–331.

- [369] Two Step Evolution Strategy for Device Motif BSIM Model Parameter Extraction / Y. Xiao, M. Trefzer, J. Walker et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2877–2884.
- [370] vanden Broucke, S. Declarative Process Discovery with Evolutionary Computing / S. vanden Broucke, J. Vanthienen, B. Baesens // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2412–2419.
- [371] Vessel Track Correlation and Association Using Fuzzy Logic and Echo State Networks / H. Shao, R. Abielmona, R. Falcon, N. Japkowicz // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2322–2329.
- [372] Wagner, M. Maximising Axiomatization Coverage and Minimizing Regression Testing Time / M. Wagner // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2885–2892.
- [373] Wagner, M. Single- and Multi-Objective Genetic Programming: New Runtime Results for SORT-ING / M. Wagner, F. Neumann // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 125—132.
- [374] Wang, B. Quantum-Inspired Evolutionary Algorithm with Linkage Learning / B. Wang, H. Xu, Y. Yuan // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2467–2474.
- [375] Wang, F. Locality-Sensitive Hashing Based Multiobjective Memetic Algorithm for Dynamic Pickup and Delivery Problems / F. Wang, Y. Gao, Z. Zhu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 661–666.
- [376] Wang, S. Comparing Crossover Operators in Neuro-Evolution with Crowd Simulations / S. Wang, J. Gain, G. Nitschke // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2298–2305.
- [377] Wang, S. Solving Dynamic Double-Row Layout Problem via an Improved Simulated Annealing Algorithm / S. Wang, X. Zuo, X. Zhao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. —6-11 July. P. 1299—1304.
- [378] Wang, S.-M. Investigation on Efficiency of Optimal Mixing on Various Linkage Sets / S.-M. Wang, Y.-F. Tung, T.-L. Yu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2475—2482.
- [379] Wang, Y. Intelligent Search Optimized Edge Potential Function (EPF) Approach to Synthetic Aperture Radar (SAR) Scene Matching / Y. Wang, J. Yin // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2124–2131.
- [380] Watanabe, S. A Proposal on Analysis Support System Based on Association Rule Analysis for Non-Dominated Solutions / S. Watanabe, Y. Chiba, M. Kanazaki // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 880–887.
- [381] Wave Height Quantification Using Land Based Seismic Data with Grammatical Evolution / S. Donne, M. Nicolau, C. Bean, M. O'Neill // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2909–2916.
- [382] Web Bots Detection Using Particle Swarm Optimization Based Clustering / S. Alam, G. Dobbie, Y. S. Koh, P. Riddle // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2955–2962.

- [383] Wei, F. Variable Grouping Based Differential Evolution Using an Auxiliary Function for Large Scale Global Optimization / F. Wei, Y. Wang, T. Zong // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1293–1298.
- [384] Wei, K. Hybridizing the Dynamic Mutation Approach with Local Searches to Overcome Local Optima / K. Wei, M. J. Dinneen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 74–81.
- [385] Wei, K. Runtime Comparison of Two Fitness Functions on a Memetic Algorithm for the Clique Problem / K. Wei, M. J. Dinneen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 133—140.
- [386] wei Zheng, X. A Self-Adaptive Group Search Optimizer with Elitist Strategy / X. wei Zheng, D. jie Lu, Z. hua Chen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2033–2039.
- [387] Wesolkowski, S. TraDE: Training Device Selection Via Multi-Objective Optimization / S. Wesolkowski, N. Francetic, S. Grant // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2617–2624.
- [388] What Are Dynamic Optimization Problems? / H. Fu, P. Lewis, B. Sendhoff et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1550–1557.
- [389] When Artists Met Evospace-i / F. F. de Vega, M. Garcia-Valdez, L. Navarro et al. // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2282–2289.
- [390] Wu, C.-L. A Novel Genetic Algorithm Considering Measures and Phrases for Generating Melody / C.-L. Wu, C.-H. Liu, C.-K. Ting // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 2101–2107.
- [391] Wu, C.-W. An Ant Colony Optimization Algorithm for Multi-Objective Clustering in Mobile Ad Hoc Networks / C.-W. Wu, T.-C. Chiang, L.-C. Fu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2963–2968.
- [392] Wu, H. An Uncultivated Wolf Pack Algorithm for High-Dimensional Functions and Its Application in Parameters Optimization of PID Controller / H. Wu, F. Zhang, L. Wu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1477–1482.
- [393] Wu, N. A Growing Partitional Clustering Based on Particle Swarm Optimization / N. Wu, Z. Zhu, Z. Ji // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 229–234.
- [394] Wu, S.-Y. Evolutionary Path Planning of a Data Mule in Wireless Sensor Network by Using Shortcuts / S.-Y. Wu, J.-S. Liu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2708—2715.
- [395] Wu, Z. Absorption in Model-Based Search Algorithms for Combinatorial Optimization / Z. Wu, M. Kolonko // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1744–1751.
- [396] Xiang, T. A Verifiable PSO Algorithm in Cloud Computing / T. Xiang, W. Zhang, F. Chen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 190–193.

- [397] Xie, C. Anomaly Detection in Crowded Scenes Using Genetic Programming / C. Xie, L. Shang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1832–1839.
- [398] Xie, F. Genetic Programming Based Activity Recognition on a Smartphone Sensory Data Benchmark / F. Xie, A. Song, V. Ciesielski // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. —6-11 July. P. 2917—2924.
- [399] Xu, C. A Differential Evolution with Replacement Strategy for Real-Parameter Numerical Optimization / C. Xu, H. Huang, S. Ye // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1617—1624.
- [400] Xu, J. Optimization Based on Adaptive Hinging Hyperplanes and Genetic Algorithm / J. Xu, X. Xi, S. Wang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2040–2046.
- [401] Xu, X. A New Grouping Genetic Algorithm for the MapReduce Placement Problem in Cloud Computing / X. Xu, M. Tang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1601–1608.
- [402] Xue, B. An Archive Based Particle Swarm Optimisation for Feature Selection in Classification / B. Xue, A. K. Qin, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3119—3126.
- [403] Yan, P. A Chaotic Particle Swarm Optimization Algorithm for the Jobshop Scheduling Problem / P. Yan, M. Jiao // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 218–222.
- [404] Yang, M. A New Method and Application for Controlling the Steady-State Probability Distributions of Probabilistic Boolean Networks / M. Yang, R. Li, T. Chu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1490–1495.
- [405] Yang, P. Estimation of Distribution Algorithms Based Unmanned Aerial Vehicle Path Planner Using a New Coordinate / P. Yang, K. Tang, J. A. Lozano // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1469–1476.
- [406] Ye, S. A Hybrid Adaptive Coevolutionary Differential Evolution Algorithm for Large-Scale Optimization / S. Ye, G. Dai, L. Peng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1277–1284.
- [407] Yoshida, T. A Study on Non-Correspondence in Spread between Objective Space and Design Variable Space for Trajectory Designing Optimization Problem / T. Yoshida, T. Yoshikawa // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2444—2450.
- [408] Yu, J.-C. Evolutionary Regional Network Modeling for Efficient Engineering Optimization / J.-C. Yu, Z.-F. Liang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 1258–1264.
- [409] Yu, J. J. Chemical Reaction Optimization for the Set Covering Problem / J. J. Yu, A. Y. Lam, V. O. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 512–519.
- [410] Yu, J. J. Base Station Switching Problem for Green Cellular Networks with Social Spider Algorithm / J. J. Yu, V. O. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2338–2344.

- [411] Yu, J. J. An Inter-Molecular Adaptive Collision Scheme for Chemical Reaction Optimization / J. J. Yu, V. O. Li, A. Y. Lam // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1998—2004.
- [412] Yu, M. A Tabu Search Heuristic for the Single Row Layout Problem with Shared Clearances / M. Yu, X. Zuo, C. C. Murray // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 819–825.
- [413] Yu, W. A Route Planning Strategy for the Automatic Garment Cutter Based on Genetic Algorithm / W. Yu, L. Lu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 379–386.
- [414] Yu, Y. A Genetic Programming Approach to Distributed QoS-Aware Web Service Composition / Y. Yu, H. Ma, M. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 1840—1846.
- [415] Yu, Y. The Sampling-and-Learning Framework: A Statistical View of Evolutionary Algorithms / Y. Yu, H. Qian // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 149–158.
- [416] yu Du, M. A Simplified Glowworm Swarm Optimization Algorithm / M. yu Du, X. juan Lei, Z. qiang Wu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2861–2868.
- [417] yu Zheng, H. A Co-Evolutionary Teaching-Learning-Based Optimization Algorithm for Stochastic RCPSP / H. yu Zheng, L. Wang, S. yao Wang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 587–594.
- [418] Yuan, Z. Agile Earth Observing Satellites Mission Planning Using Genetic Algorithm Based on High Quality Initial Solutions / Z. Yuan, Y. Chen, R. He // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 603–609.
- [419] Yue, C. Feature Extraction Based on Trimmed Complex Network Representation for Metabolomic Data Classification / C. Yue, Z. Zexuan, J. Zhen // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 366–370.
- [420] Yuen, S. Y. Multiobjective Evolutionary Algorithm Portfolio: Choosing Suitable Algorithm for Multiobjective Optimization Problem / S. Y. Yuen, X. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1967–1973.
- [421] Yusoh, Z. M. Composite SaaS Scaling in Cloud Computing Using a Hybrid Genetic Algorithm / Z. M. Yusoh, M. Tang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1609–1616.
- [422] Zan, D. Solving the Multidimensional Knapsack Problem Using a CUDA Accelerated PSO / D. Zan, J. Jaros // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2933–2939.
- [423] Zeng, Y. Comparison of Multiobjective Particle Swarm Optimization and Evolutionary Algorithms for Optimal Reactive Power Dispatch Problem / Y. Zeng, Y. Sun // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 258–265.
- [424] Zhan, Z.-H. Adaptive Particle Swarm Optimization with Variable Relocation for Dynamic Optimization Problems / Z.-H. Zhan, J. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 1565–1570.

- [425] Zhang, B. Online Knowledge-Based Evolutionary Multi-Objective Optimization / B. Zhang, K. Shafi, H. Abbass // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2222–2229.
- [426] Zhang, B. A Hybrid Biogeography-Based Optimization and Fireworks Algorithm / B. Zhang, M.-X. Zhang, Y.-J. Zheng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 3200–3206.
- [427] Zhang, G. Cooperative Particle Swarm Optimizer with Elimination Mechanism for Global Optimization of Multimodal Problems / G. Zhang, Y. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.— P. 210–217.
- [428] Zhang, J. Two Parameter Update Schemes for Recurrent Reinforcement Learning / J. Zhang, D. Maringer // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 1449–1453.
- [429] Zhang, K. Fitness Level Based Adaptive Operator Selection for Cutting Stock Problems with Contiguity / K. Zhang, T. Weise, J. Li // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 2539—2546.
- [430] Zhang, L. A Globally Diversified Island Model PGA for Multimodal Optimization / L. Zhang, R. He // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2553—2561.
- [431] Zhang, W. The Enhanced Vector of Convergence for Particle Swarm Optimization Based on Constrict Factor / W. Zhang, Y. Gao, C. Zhang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 1337–1342.
- [432] Zheng, X. An Enhanced Non-Dominated Sorting Based Fruit Fly Optimization Algorithm for Solving Environmental Economic Dispatch Problem / X. Zheng, L. Wang, S. Wang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014. — 6-11 July. — P. 626—633.
- [433] Zheng, Y.-J. Hyper-Heuristics with Penalty Parameter Adaptation for Constrained Optimization / Y.-J. Zheng, B. Zhang, Z. Cheng // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July.—P. 1883—1889.
- [434] Zhou, X. GEAS: A GA-ES-Mixed Algorithm for Parameterized Optimization Problems Using CLS Problem as an Example / X. Zhou, W. Peng, B. Yang // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 888–894.
- [435] Zhu, L. Multi-Scenario Optimization Using Multi-Criterion Methods: A Case Study on Byzantine Agreement Problem / L. Zhu, K. Deb, S. Kulkarni // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. — Beijing, China, 2014.—6-11 July. — P. 2601–2608.
- [436] Zhu, T. Combining Multipopulation Evolutionary Algorithms with Memory for Dynamic Optimization Problems / T. Zhu, W. Luo, L. Yue // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014.—6-11 July. P. 2047–2054.
- [437] Zhu, X. An Improved Genetic Algorithm for Dynamic Shortest Path Problems / X. Zhu, W. Luo, T. Zhu // Proceedings of the 2014 IEEE Congress on Evolutionary Computation / ed. by C. A. Coello Coello. Beijing, China, 2014. 6-11 July. P. 2093—2100.