## Список литературы

- [1] Lee G, Luo M, Zambetta F, Li X. 2014 Learning a Super Mario controller from examples of human play. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1–8. Beijing, China.
- [2] Nguyen T, Nguyen K, Thawonmas R. 2014 Integrating fuzzy integral and heuristic search for unit micromanagement in RTS games. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 9–12. Beijing, China.
- [3] Ashlock D, Hingston P. 2014 \*Tego a framework for adversarial planning. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 13–20. Beijing, China.
- [4] Gaudesi M, Piccolo E, Squillero G, Tonda A. 2014 TURAN: Evolving non-deterministic players for the iterated prisoner's dilemma. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 21–27. Beijing, China.
- [5] Buck A, Banerjee T, Keller J. 2014 Evolving a fuzzy goal-driven strategy for the game of Geister. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 28–35. Beijing, China.
- [6] Handa H. 2014 Deep boltzmann machine for evolutionary agents of Mario AI. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 36–41. Beijing, China.
- [7] Rahman HF, Sarker R, Essam D, Chang G. 2014 A memetic algorithm for solving permutation flow shop problems with known and unknown machine breakdowns. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 42–49. Beijing, China.
- [8] Ma A, Zhong Y, Zhang L. 2014 Remote sensing imagery clustering using an adaptive bi-objective memetic method. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 50–57. Beijing, China.
- [9] Ma J, Lei Y, Wang Z, Jiao L. 2014 A memetic algorithm based on immune multi-objective optimization for flexible job-shop scheduling problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 58–65. Beijing, China.
- [10] Ma W, Zuo Y, Zeng J, Liang S, Jiao L. 2014 A memetic algorithm for solving flexible job-shop scheduling problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 66–73. Beijing, China.
- [11] Wei K, Dinneen MJ. 2014 Hybridizing the dynamic mutation approach with local searches to overcome local optima. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 74–81. Beijing, China.
- [12] Liu C, Li B. 2014 Memetic algorithm with adaptive local search depth for large scale global optimization. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 82–88. Beijing, China.
- [13] Albukhanajer WA, Jin Y, Briffa JA. 2014 Neural network ensembles for image identification using Pareto-optimal features. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 89–96. Beijing, China.
- [14] Valsecchi A, Mesejo P, Marrakchi-Kacem L, Cagnoni S, Damas S. 2014 Automatic evolutionary medical image segmentation using deformable models. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 97–104. Beijing, China.
- [15] Schaefer G, Krawczyk B, Doshi N, Nakashima T. 2014 Cost-sensitive texture classification. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 105–108. Beijing, China.

- [16] Naqvi SS, Browne WN, Hollitt C. 2014 Genetic algorithms based feature combination for salient object detection, for autonomously identified image domain types. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 109–116. Beijing, China.
- [17] Fu W, Johnston M, Zhang M. 2014 Unsupervised learning for edge detection using genetic programming. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 117–124. Beijing, China.
- [18] Wagner M, Neumann F. 2014 Single- and multi-objective genetic programming: New runtime results for SORTING. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 125–132. Beijing, China.
- [19] Wei K, Dinneen MJ. 2014 Runtime comparison of two fitness functions on a memetic algorithm for the clique problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 133–140. Beijing, China.
- [20] He J, Boris M, Zhou Y. 2014 A theoretical assessment of solution quality in evolutionary algorithms for the knapsack problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 141–148. Beijing, China.
- [21] Yu Y, Qian H. 2014 The sampling-and-learning framework: A statistical view of evolutionary algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 149–158. Beijing, China.
- [22] Chotard A, Auger A, Hansen N. 2014 Markov chain analysis of evolution strategies on a linear constraint optimization problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 159–166. Beijing, China.
- [23] Everitt T, Lattimore T, Hutter M. 2014 Free lunch for optimisation under the universal distribution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 167–174. Beijing, China.
- [24] Arana-Daniel N, Gallegos AA, Lopez-Franco C, Alanis AY. 2014 Smooth global and local path planning for mobile robot using particle swarm optimization, radial basis functions, splines and Bezier curves. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 175–182. Beijing, China.
- [25] Wang L, Yang B, Li Y, Zhang N. 2014 A novel improvement of particle swarm optimization using dual factors strategy. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 183–189. Beijing, China.
- [26] Xiang T, Zhang W, Chen F. 2014 A verifiable PSO algorithm in cloud computing. In: Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 190–193. Beijing, China.
- [27] Zong X, Xiong S, Xu H, Duan P. 2014 Space-time simulation model based on particle swarm optimization algorithm for stadium evacuation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 194–201. Beijing, China.
- [28] Campos M, Krohling R. 2014 Bare bones particle swarm with scale mixtures of Gaussians for dynamic constrained optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 202–209. Beijing, China.
- [29] Zhang G, Li Y. 2014 Cooperative particle swarm optimizer with elimination mechanism for global optimization of multimodal problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 210–217. Beijing, China.
- [30] Yan P, Jiao M. 2014 A chaotic particle swarm optimization algorithm for the jobshop scheduling problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 218–222. Beijing, China.

- [31] Dong W, Tian J, Tang X, Sheng K, Liu J. 2014 Autonomous learning adaptation for particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 223–228. Beijing, China.
- [32] Wu N, Zhu Z, Ji Z. 2014 A growing partitional clustering based on particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 229–234. Beijing, China.
- [33] Kuang F, Jin Z, Xu W, Zhang S. 2014 A novel chaotic artificial bee colony algorithm based on tent map. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 235–241. Beijing, China.
- [34] Chen MR, Zeng W, Zeng GQ, Li X, Luo JP. 2014 A novel artificial bee colony algorithm with integration of extremal optimization for numerical optimization problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 242–249. Beijing, China.
- [35] Lauri F, Koukam A. 2014 Hybrid ACO/EA algorithms applied to the multi-agent patrolling problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 250–257. Beijing, China.
- [36] Zeng Y, Sun Y. 2014 Comparison of multiobjective particle swarm optimization and evolutionary algorithms for optimal reactive power dispatch problem. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 258–265. Beijing, China.
- [37] Chaman-Garcia I, Coello CC, Arias-Montano A. 2014 MOPSOhv: A new hypervolume-based multi-objective particle swarm optimizer. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 266–273. Beijing, China.
- [38] Peng Z, Zheng J, Zou J. 2014 A population diversity maintaining strategy based on dynamic environment evolutionary model for dynamic multiobjective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 274–281. Beijing, China.
- [39] Carvalho L, Fernandes M. 2014 Multi-objective flexible job-shop scheduling problem with DIPSO: More diversity, greater efficiency. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 282–289. Beijing, China.
- [40] Hu XB, Wang M, Leeson MS. 2014 Calculating the complete Pareto front for a special class of continuous multi-objective optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 290–297. Beijing, China.
- [41] Lara-Cabrera R, Cotta C, Fernandez-Leiva AJ. 2014 A self-adaptive evolutionary approach to the evolution of aesthetic maps for a RTS game. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 298–304. Beijing, China.
- [42] Cai Y, Du J. 2014 Enhanced differential evolution with adaptive direction information. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 305–312. Beijing, China.
- [43] Lotif M. 2014 Visualizing the population of meta-heuristics during the optimization process using self-organizing maps. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 313–319. Beijing, China.
- [44] Lin K, Wang X, Li X, Tan Y. 2014 Self-adaptive morphable model based multi-view non-cooperative 3D face reconstruction. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 320–325. Beijing, China.
- [45] Turky A, Abdullah S. 2014 Using electromagnetic algorithm for tuning the structure and parameters of neural networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 326–331. Beijing, China.

- [46] Li Z, Shang Z, Liang JJ, Qu BY. 2014 Feature selection based on manifold-learning with dynamic constraint-handling differential evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 332–337. Beijing, China.
- [47] Viegas J, Vieira S, Sousa J, Henriques E. 2014 Metaheuristics for the 3D bin packing problem in the steel industry. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 338–343. Beijing, China.
- [48] Gonzalez-Pardo A, Camacho D. 2014 A new CSP graph-based representation to resource-constrained project scheduling problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 344–351. Beijing, China.
- [49] Liu H, Zhou J, Wu X, Yuan P. 2014 Optimization algorithm for rectangle packing problem based on varied-factor genetic algorithm and lowest front-line strategy. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 352–357. Beijing, China.
- [50] Farzan S, DeSouza G. 2014 A parallel evolutionary solution for the inverse kinematics of generic robotic manipulators. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 358–365. Beijing, China.
- [51] Yue C, Zexuan Z, Zhen J. 2014 Feature extraction based on trimmed complex network representation for metabolomic data classification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 366–370. Beijing, China.
- [52] Tamura K, Yasuda K. 2014 Primary study on feedback controlled differential evolution. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 371–378. Beijing, China.
- [53] Yu W, Lu L. 2014 A route planning strategy for the automatic garment cutter based on genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 379–386. Beijing, China.
- [54] Lopez-Herrejon RE, Ferrer J, Chicano F, Egyed A, Alba E. 2014 Comparative analysis of classical multi-objective evolutionary algorithms and seeding strategies for pairwise testing of software product lines. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 387–396. Beijing, China.
- [55] Li Y, Zhou A, Zhang G. 2014 An MOEA/D with multiple differential evolution mutation operators. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 397–404. Beijing, China.
- [56] Brands T, Wismans L, van Berkum E. 2014 Multi-objective transportation network design: Accelerating search by applying e-NSGAII. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 405-412. Beijing, China.
- [57] Acampora G, Ishibuchi H, Vitiello A. 2014 A comparison of multi-objective evolutionary algorithms for the ontology meta-matching problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 413–420. Beijing, China.
- [58] Mohammadi A, Omidvar MN, Li X, Deb K. 2014 Integrating user preferences and decomposition methods for many-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 421–428. Beijing, China.
- [59] Martinez SZ, Coello CAC. 2014 A multi-objective evolutionary algorithm based on decomposition for constrained multi-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 429–436. Beijing, China.
- [60] Georgieva KS, Engelbrecht AP. 2014 Cooperative DynDE for temporal data clustering. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 437–444. Beijing, China.

- [61] Liang JJ, Zheng B, Qu BY, Song H. 2014 Multi-objective differential evolution algorithm based on fast sorting and a novel constraints handling technique. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 445–450. Beijing, China.
- [62] Aalto J, Lampinen J. 2014 A mutation and crossover adaptation mechanism for differential evolution algorithm. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 451–458. Beijing, China.
- [63] Segura C, Coello CAC, Segredo E, Leon C. 2014 An analysis of the automatic adaptation of the crossover rate in differential evolution. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 459–466. Beijing, China.
- [64] Qin AK, Tang K, Pan H, Xia S. 2014 Self-adaptive differential evolution with local search chains for real-parameter single-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 467–474. Beijing, China.
- [65] Amin R, Tang J, Ellejmi M, Kirby S, Abbass HA. 2014 Trading-off simulation fidelity and optimization accuracy in air-traffic experiments using differential evolution. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 475–482. Beijing, China.
- [66] Bennett S, Nguyen S, Zhang M. 2014 A hybrid discrete particle swarm optimisation method for grid computation scheduling. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 483–490. Beijing, China.
- [67] Cui T, Cheng S, Bai R. 2014 A combinatorial algorithm for the cardinality constrained portfolio optimization problem. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 491–498. Beijing, China.
- [68] Sabar NR, Kendall G. 2014 Using harmony search with multiple pitch adjustment operators for the portfolio selection problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 499–503. Beijing, China.
- [69] Smullen D, Gillett J, Heron J, Rahnamayan S. 2014 Genetic algorithm with self-adaptive mutation controlled by chromosome similarity. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 504–511. Beijing, China.
- [70] Yu JJ, Lam AY, Li VO. 2014 Chemical reaction optimization for the set covering problem. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 512–519. Beijing, China.
- [71] Sabar NR, Kendall G. 2014 Aircraft landing problem using hybrid differential evolution and simple descent algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 520–527. Beijing, China.
- [72] Li B, Chiong R, Gong L. 2014 Search-evasion path planning for submarines using the artificial bee colony algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 528–535. Beijing, China.
- [73] Fatnassi E, Chebbi O, Chaouachi J. 2014 A bee colony algorithm for routing guided automated battery-operated electric vehicles in personal rapid transit systems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 536–543. Beijing, China.
- [74] Fong CW, Asmuni H, Lam WS, McCollum B, McMullan P. 2014 A novel hybrid approach for curriculum based course timetabling problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 544–550. Beijing, China.
- [75] Bulut O, Tasgetiren MF. 2014 A discrete artificial bee colony algorithm for the economic lot scheduling problem with returns. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 551–557. Beijing, China.

- [76] Liang YC, Chen HL, Nien YH. 2014 Artificial bee colony for workflow scheduling. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 558–564. Beijing, China.
- [77] Madureira A, Cunha B, Pereira I. 2014 Cooperation mechanism for distributed resource scheduling through artificial bee colony based self-organized scheduling system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 565–572. Beijing, China.
- [78] Jana ND, Das S, Sil J. 2014 Particle swarm optimization with population adaptation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 573–578. Beijing, China.
- [79] Liu M, Singh H, Ray T. 2014 A benchmark generator for dynamic capacitated arc routing problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 579–586. Beijing, China.
- [80] yu Zheng H, Wang L, yao Wang S. 2014 A co-evolutionary teaching-learning-based optimization algorithm for stochastic RCPSP. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 587–594. Beijing, China.
- [81] Liu M, Singh H, Ray T. 2014 A memetic algorithm with a new split scheme for solving dynamic capacitated arc routing problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 595–602. Beijing, China.
- [82] Yuan Z, Chen Y, He R. 2014 Agile earth observing satellites mission planning using genetic algorithm based on high quality initial solutions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 603–609. Beijing, China.
- [83] Tang J, Abbass HA. 2014 Behavioral learning of aircraft landing sequencing using a society of probabilistic finite state machines. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 610–617. Beijing, China.
- [84] Hunt R, Johnston M, Zhang M. 2014 Evolving machine-specific dispatching rules for a two-machine job shop using genetic programming. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 618–625. Beijing, China.
- [85] Zheng X, Wang L, Wang S. 2014 An enhanced non-dominated sorting based fruit fly optimization algorithm for solving environmental economic dispatch problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 626–633. Beijing, China.
- [86] Niu B, Xie T, Duan Q, Tan L. 2014 Particle swarm optimization for integrated yard truck scheduling and storage allocation problem. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 634–639. Beijing, China.
- [87] Liu T, Sun C, Zeng J, Jin Y. 2014 Similarity- and reliability-assisted fitness estimation for particle swarm optimization of expensive problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 640–646. Beijing, China.
- [88] Niu B, Bi Y. 2014 Binary bacterial foraging optimization for solving 0/1 knapsack problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 647–652. Beijing, China.
- [89] Kizilay D, Tasgetiren MF, Bulut O, Bostan B. 2014 A discrete artificial bee colony algorithm for the parallel machine scheduling problem in DYO painting company. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 653–660. Beijing, China.
- [90] Wang F, Gao Y, Zhu Z. 2014 Locality-sensitive hashing based multiobjective memetic algorithm for dynamic pickup and delivery problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 661–666. Beijing, China.

- [91] Wu J, Yuan L, Gong Q, Ma W, Ma J, Li Y. 2014 A compression optimization algorithm for community detection. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 667–671. Beijing, China.
- [92] Wang S, Gong M, Ma L, Cai Q, Jiao L. 2014 Decomposition based multiobjective evolutionary algorithm for collaborative filtering recommender systems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 672–679. Beijing, China.
- [93] Mu C, Xie J, Liu R, Jiao L. 2014 A memetic algorithm using local structural information for detecting community structure in complex networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 680–686. Beijing, China.
- [94] Song X, Ji J, Yang C, Zhang X. 2014 Ant colony clustering based on sampling for community detection. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 687–692. Beijing, China.
- [95] Kuang L, Zhao Z, Wang F, Li Y, Yu F, Li Z. 2014 A differential evolution box-covering algorithm for fractal dimension on complex networks. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 693–699. Beijing, China.
- [96] Mu C, Zhang J, Jiao L. 2014 An intelligent ant colony optimization for community detection in complex networks. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 700-706. Beijing, China.
- [97] Zhang Y, Dai G, Peng L, Wang M. 2014 HMOEDA\_LLE: A hybrid multi-objective estimation of distribution algorithm combining locally linear embedding. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 707–714. Beijing, China.
- [98] Liu B, Chen Q, Zhang Q, Gielen G, Grout V. 2014 Behavioral study of the surrogate model-aware evolutionary search framework. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 715–722. Beijing, China.
- [99] Zhang H, Song S, Zhou A, Gao XZ. 2014 A clustering based multiobjective evolutionary algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 723–730. Beijing, China.
- [100] Li X, He W, Hirasawa K. 2014 Creating stock trading rules using graph-based estimation of distribution algorithm. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 731–738. Beijing, China.
- [101] Wong PK, Lo LY, Wong ML, Leung KS. 2014 Grammar based genetic programming with Bayesian network. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 739–746. Beijing, China.
- [102] Krawczyk B, Triguero I, Garcia S, Wozniak M, Herrera F. 2014 A first attempt on evolutionary prototype reduction for nearest neighbor one-class classification. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 747–753. Beijing, China.
- [103] Liu R, Niu X, Jiao L. 2014 A multi-swarm particle swarm optimization with orthogonal learning for locating and tracking multiple optima in dynamic environments. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 754–761. Beijing, China.
- [104] Liu J, He Y, Hu Y. 2014 Regression ensemble with PSO algorithms based fuzzy integral. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 762–768. Beijing, China.

- [105] Jiang S, Yang S. 2014 An improved quantum-behaved particle swarm optimization based on linear interpolation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 769–775. Beijing, China.
- [106] Oh H, Jin Y. 2014 Evolving hierarchical gene regulatory networks for morphogenetic pattern formation of swarm robotics. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 776–783. Beijing, China.
- [107] Zheng Z, Li J, Li J, Tan Y. 2014 Avoiding decoys in multiple targets searching problems using swarm robotics. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 784–791. Beijing, China.
- [108] Liu J, gen Cai B, Wang J. 2014 Particle swarm optimization for integrity monitoring in BDS/DR based railway train positioning. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 792–797. Beijing, China.
- [109] Li X, He W, Hirasawa K. 2014 Learning and evolution of genetic network programming with knowledge transfer. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 798–805. Beijing, China.
- [110] Yang M, Cai Z, Li C, Guan J. 2014 An improved JADE algorithm for global optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 806–812. Beijing, China.
- [111] Feng S, Tan S, Lu J. 2014 Characterizing the impact of selection on the evolution of cooperation in complex networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 813–818. Beijing, China.
- [112] Yu M, Zuo X, Murray CC. 2014 A tabu search heuristic for the single row layout problem with shared clearances. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 819–825. Beijing, China.
- [113] Gao C, Weise T, Li J. 2014 A weighting-based local search heuristic algorithm for the set covering problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 826–831. Beijing, China.
- [114] Schlueter M, Munetomo M. 2014 Parallelization for space trajectory optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 832–839. Beijing, China.
- [115] Jiang Q, Wang L, Hei X, Fei R, Yang D, Zou F, Li H, Cao Z. 2014 Optimal approximation of stable linear systems with a novel and efficient optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 840–844. Beijing, China.
- [116] Bolufe-Rohler A, Chen S. 2014 Extending minimum population search towards large scale global optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 845–852. Beijing, China.
- [117] Zhang B, hua Duan J, yan Sang H, qing Li J, Yan H. 2014 A new penalty function method for constrained optimization using harmony search algorithm. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 853–859. Beijing, China.
- [118] Davendra D, Senkerik R, Zelinka I, Pluhacek M. 2014 Scatter search algorithm with chaos based stochasticity. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 860–866. Beijing, China.
- [119] Akhmedova S, Semenkin E. 2014 Co-operation of biology related algorithms meta-heuristic in ANN-based classifiers design. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 867–872. Beijing, China.

- [120] Felipe D, Goldbarg EFG, Goldbarg MC. 2014 Scientific algorithms for the car renter salesman problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 873–879. Beijing, China.
- [121] Watanabe S, Chiba Y, Kanazaki M. 2014 A proposal on analysis support system based on association rule analysis for non-dominated solutions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 880–887. Beijing, China.
- [122] Zhou X, Peng W, Yang B. 2014 GEAS: A GA-ES-mixed algorithm for parameterized optimization problems using CLS problem as an example. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 888–894. Beijing, China.
- [123] Alvares M, Buarque F, Marwala T. 2014 Application of computational intelligence for source code classification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 895–902. Beijing, China.
- [124] Hu XB, Leeson MS. 2014 Genetic algorithm with spatial receding horizon control for the optimization of facility locations. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 903–909. Beijing, China.
- [125] Reps J, Aickelin U, Garibaldi J. 2014 Tuning a multiple classifier system for side effect discovery using genetic algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 910–917. Beijing, China.
- [126] Zhang J, Zhang C, Chu T, Cao M. 2014 Cooperation with potential leaders in evolutionary game study of networking agents. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 918–923. Beijing, China.
- [127] Duan P, Xiong S, Hu Z, Chen Q, Zhong X. 2014 Multi-objective optimization model based on steady degree for teaching building evacuation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 924–929. Beijing, China.
- [128] Bello-Orgaz G, Camacho D. 2014 Evolutionary clustering algorithm for community detection using graph-based information. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 930–937. Beijing, China.
- [129] Nishiyama M, Iba H. 2014 Applying conversion matrix to robots for imitating motion using genetic algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 938–944. Beijing, China.
- [130] Manfrini F, Barbosa H, Bernadino H. 2014 Optimization of combinational logic circuits through decomposition of truth table and evolution of sub-circuits. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 945–950. Beijing, China.
- [131] Thanh BHT, Van LT, Xuan HN, Duc AN, Manh TP. 2014 Reordering dimensions for radial visualization of multidimensional data a genetic algorithms approach. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 951–958. Beijing, China.
- [132] Silva EQ, Camilo-Junior CG, Pascoal LML, Rosa TC. 2014 An evolutionary approach for combining results of recommender systems techniques based on collaborative filtering. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 959–966. Beijing, China.
- [133] Bu C, Luo W, Zhu T. 2014 Differential evolution with a species-based repair strategy for constrained optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 967–974. Beijing, China.
- [134] Ameca-Alducin MY, Mezura-Montes E, Cruz-Ramirez N. 2014 Differential evolution with combined variants for dynamic constrained optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 975–982. Beijing, China.

- [135] Singh H, Asafuddoula M, Ray T. 2014 Solving problems with a mix of hard and soft constraints using modified infeasibility driven evolutionary algorithm (IDEA-M). In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 983–990. Beijing, China.
- [136] Hamza N, Sarker R, Essam D. 2014 Differential evolution with a constraint consensus mutation for solving optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 991–997. Beijing, China.
- [137] Poole D, Allen C, Rendall T. 2014 Constraint handling in agent-based optimization by independent sub-swarms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 998–1005. Beijing, China.
- [138] Elsayed S, Sarker R, Essam D. 2014 United multi-operator evolutionary algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1006–1013. Beijing, China.
- [139] Nobile MS, Citrolo AG, Cazzaniga P, Besozzi D, Mauri G. 2014 A memetic hybrid method for the molecular distance geometry problem with incomplete information. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1014–1021. Beijing, China.
- [140] Thompson JA, Congdon CB. 2014 GAMI-CRM: Using de novo motif inference to detect cisregulatory modules. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1022–1029. Beijing, China.
- [141] Pang W, Coghill G. 2014 An immune network approach to learning qualitative models of biological pathways. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1030–1037. Beijing, China.
- [142] Chen Y, Shang Y, Xu D. 2014 Multi-dimensional scaling and MODELLER-based evolutionary algorithms for protein model refinement. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1038–1045. Beijing, China.
- [143] Chowdhury A, Rakshit P, Konar A, Nagar A. 2014 A modified bat algorithm to predict protein-protein interaction network. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1046–1053. Beijing, China.
- [144] Peterson L. 2014 Evolutionary algorithms applied to likelihood function maximization during Poisson, logistic, and Cox proportional hazards regression analysis. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1054–1061. Beijing, China.
- [145] Elsayed S, Ray T, Sarker R. 2014 A surrogate-assisted differential evolution algorithm with dynamic parameters selection for solving expensive optimization problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1062–1068. Beijing, China.
- [146] Singh H, Isaacs A, Ray T. 2014 A hybrid surrogate based algorithm (HSBA) to solve computationally expensive optimization problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1069–1075. Beijing, China.
- [147] Biswas S, Eita MA, Das S, Vasilakos AV. 2014 Evaluating the performance of group counseling optimizer on CEC 2014 problems for computational expensive optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1076–1083. Beijing, China.
- [148] Erlich I, Rueda JL, Wildenhues S. 2014 Solving the IEEE-CEC 2014 expensive optimization test problems by using single-particle MVMO. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1084–1091. Beijing, China.

- [149] Krityakierne T, Mueller J, Shoemaker C. 2014 SO-MODS: Optimization for high dimensional computationally expensive multi-modal functions with surrogate search. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1092–1099. Beijing, China.
- [150] Rosales-Perez A, Escalante HJ, Coello CAC, Gonzalez JA, Reyes-Garcia CA. 2014 An evolutionary multi-objective approach for prototype generation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1100–1107. Beijing, China.
- [151] Cheng P, Pan JS, Lin CW. 2014 Use EMO to protect sensitive knowledge in association rule mining by removing items. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1108–1115. Beijing, China.
- [152] Debie E, Shafi K, Merrick K, Lokan C. 2014 An online evolutionary rule learning algorithm with incremental attribute discretization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1116–1123. Beijing, China.
- [153] Yexing L, Xinye C, Zhun F, Qingfu Z. 2014 An external archive guided multiobjective evolutionary approach based on decomposition for continuous optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1124–1130. Beijing, China.
- [154] Bourennani F, Rahnamayan S, Naterer GF. 2014 Multi-objective differential evolution with leadership enhancement (MODEL). In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1131–1138. Beijing, China.
- [155] Bandaru S, Ng A, Deb K. 2014 On the performance of classification algorithms for learning Pareto-dominance relations. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1139–1146. Beijing, China.
- [156] Purshouse RC, Deb K, Mansor MM, Mostaghim S, Wang R. 2014 A review of hybrid evolutionary multiple criteria decision making methods. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1147–1154. Beijing, China.
- [157] Alhindi A, Zhang Q. 2014 MOEA/D with tabu search for multiobjective permutation flow shop scheduling problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1155–1164. Beijing, China.
- [158] ming Cheung Y, Gu F. 2014 Online objective reduction for many-objective optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1165–1171. Beijing, China.
- [159] Gee SB, Tan KC. 2014 Diversity preservation with hybrid recombination for evolutionary multiobjective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1172–1178. Beijing, China.
- [160] Alicino S, Vasile M. 2014 An evolutionary approach to the solution of multi-objective min-max problems in evidence-based robust optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1179–1186. Beijing, China.
- [161] Luo C, Shimoyama K, Obayashi S. 2014 Kriging model based many-objective optimization with efficient calculation of expected hypervolume improvement. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1187–1194. Beijing, China.
- [162] Sudo T, Nojima Y, Ishibuchi H. 2014 Effects of ensemble action selection on the evolution of iterated prisoner's dilemma game strategies. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1195–1201. Beijing, China.

- [163] Tsang J. 2014 The structure of a probabilistic 2-state finite transducer representation for prisoner's dilemma. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1202–1209. Beijing, China.
- [164] Scheepers C, Engelbrecht A. 2014 Competitive coevolutionary training of simple soccer agents from zero knowledge. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1210–1217. Beijing, China.
- [165] Greenwood G, Elsayed S, Sarker R, Abbass H. 2014 Online generation of trajectories for autonomous vehicles using a multi-agent system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1218–1224. Beijing, China.
- [166] Lee SM, Myung H. 2014 A cooperative coevolutionary approach to multi-robot formation control. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1225–1231. Beijing, China.
- [167] Li M, O'Riordan C. 2014 Graph centrality measures and the robustness of cooperation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1232–1237. Beijing, China.
- [168] Ling SH, San PP, Lam HK, Nguyen H. 2014 Non-invasive detection of hypoglycemic episodes in type1 diabetes using intelligent hybrid rough neural system. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1238–1242. Beijing, China.
- [169] Chan KY, Rajakaruna N, Rathnayake C, Murray I. 2014 Image deblurring using a hybrid optimization algorithm. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1243–1249. Beijing, China.
- [170] Yuwono M, Su SW, Moulton BD, Guo Y, Nguyen HT. 2014 An algorithm for scalable clustering: Ensemble rapid centroid estimation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1250–1257. Beijing, China.
- [171] Yu JC, Liang ZF. 2014 Evolutionary regional network modeling for efficient engineering optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1258–1264. Beijing, China.
- [172] Li F, Zhang Y, Li H. 2014 Quantum bacterial foraging optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1265–1272. Beijing, China.
- [173] Liu WY, Lin CC. 2014 A cultural algorithm for spatial forest harvest scheduling. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1273–1276. Beijing, China.
- [174] Ye S, Dai G, Peng L. 2014 A hybrid adaptive coevolutionary differential evolution algorithm for large-scale optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1277–1284. Beijing, China.
- [175] Mahdavi S, Shiri ME, Rahnamayan S. 2014 Cooperative co-evolution with a new decomposition method for large-scale optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1285–1292. Beijing, China.
- [176] Wei F, Wang Y, Zong T. 2014 Variable grouping based differential evolution using an auxiliary function for large scale global optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1293–1298. Beijing, China.
- [177] Wang S, Zuo X, Zhao X. 2014 Solving dynamic double-row layout problem via an improved simulated annealing algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1299–1304. Beijing, China.

- [178] Omidvar MN, Mei Y, Li X. 2014 Effective decomposition of large-scale separable continuous functions for cooperative co-evolutionary algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1305–1312. Beijing, China.
- [179] Mei Y, Li X, Yao X. 2014 Variable neighborhood decomposition for large scale capacitated arc routing problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1313–1320. Beijing, China.
- [180] Ni Q, Cao C, Yin X. 2014 A new dynamic probabilistic particle swarm optimization with dynamic random population topology. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1321–1327. Beijing, China.
- [181] Gu J, Shi X. 2014 An adaptive PSO based on motivation mechanism and acceleration restraint operator. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1328–1336. Beijing, China.
- [182] Zhang W, Gao Y, Zhang C. 2014 The enhanced vector of convergence for particle swarm optimization based on constrict factor. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1337–1342. Beijing, China.
- [183] Xu X, Lu L, He P, Ding J, Ju Y. 2014 Evolutionary semi-supervised learning with swarm intelligence. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1343–1350. Beijing, China.
- [184] Zhang J, Zhu X, Wang W, Yao J. 2014 A fast restarting particle swarm optimizer. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1351–1358. Beijing, China.
- [185] Li Z, Zhang J, Wang W, Yao J. 2014 Dimensions cooperate by Euclidean metric in particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1359–1366. Beijing, China.
- [186] Li Y, Tian X, Jiao L, Zhang X. 2014 Biclustering of gene expression data using particle swarm optimization integrated with pattern-driven local search. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1367–1373. Beijing, China.
- [187] Shuai L, Wang Z, Gong T. 2014 Simulating the coevolution of language and long-term memory. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1374–1381. Beijing, China.
- [188] Chen G, Luo W, Zhu T. 2014 Evolutionary clustering with differential evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1382–1389. Beijing, China.
- [189] Ameerudden MR, Rughooputh H. 2014 Smart hybrid genetic algorithms in the bandwidth optimization of a PIFA antenna. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1390–1396. Beijing, China.
- [190] Chen SW, Chiang TC. 2014 Evolutionary many-objective optimization by MO-NSGA-II with enhanced mating selection. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1397–1404. Beijing, China.
- [191] Luo Y, Huang S, Hu J. 2014 A niching two-layered differential evolution with self-adaptive control parameters. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1405–1412. Beijing, China.
- [192] Lattarulo V, Lindley BA, Parks GT. 2014 Application of the MOAA for the optimization of CORAIL assemblies for nuclear reactors. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1413–1420. Beijing, China.
- [193] Pop P, Chira C. 2014 A hybrid approach based on genetic algorithms for solving the clustered vehicle routing problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1421–1426. Beijing, China.

- [194] Montgomery J, Chen S, Gonzalez-Fernandez Y. 2014 Identifying and exploiting the scale of a search space in differential evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1427–1434. Beijing, China.
- [195] Ksibi A, Ammar AB, Amar CB. 2014 Enhancing relevance re-ranking using nature-inspired meta-heuristic optimization algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1435–1442. Beijing, China.
- [196] Kromer P, Zelinka I, Snasel V. 2014 Can deterministic chaos improve differential evolution for the linear ordering problem? In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress* on Evolutionary Computation, pp. 1443–1448. Beijing, China.
- [197] Zhang J, Maringer D. 2014 Two parameter update schemes for recurrent reinforcement learning. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1449–1453. Beijing, China.
- [198] Li Z, Shang Z, Liang JJ, Qu BY. 2014 Differential evolution strategy based on the constraint of fitness values classification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1454–1460. Beijing, China.
- [199] Htiouech S, Bouamama S. 2014 A Lagrangian and surrogate information enhanced tabu search for the MMKP. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1461–1468. Beijing, China.
- [200] Yang P, Tang K, Lozano JA. 2014 Estimation of distribution algorithms based unmanned aerial vehicle path planner using a new coordinate. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1469–1476. Beijing, China.
- [201] Wu H, Zhang F, Wu L. 2014 An uncultivated wolf pack algorithm for high-dimensional functions and its application in parameters optimization of PID controller. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1477–1482. Beijing, China.
- [202] Marchetti L, Manca V, Zelinka I. 2014 On the inference of deterministic chaos: Evolutionary algorithm and metabolic P system approaches. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1483–1489. Beijing, China.
- [203] Yang M, Li R, Chu T. 2014 A new method and application for controlling the steady-state probability distributions of probabilistic Boolean networks. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1490–1495. Beijing, China.
- [204] He T, Chan KC. 2014 Evolutionary community detection in social networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1496–1503. Beijing, China.
- [205] O'Neill M, Nicolau M, Agapitos A. 2014 Experiments in program synthesis with grammatical evolution: A focus on integer sorting. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1504–1511. Beijing, China.
- [206] Pascoal LML, Camilo-Junior CG, Silva EQ, Rosa TC. 2014 A social-evolutionary approach to compose a similarity function used on event recommendation. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1512–1519. Beijing, China.
- [207] Matei O, Contras D, Pop P. 2014 Applying evolutionary computation for evolving ontologies. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1520–1527. Beijing, China.
- [208] Guo Y, Chen M, Fu H, Liu Y. 2014 Find robust solutions over time by two-layer multi-objective optimization method. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1528–1535. Beijing, China.

- [209] Hui S, Ponnuthurai NS. 2014 Niching-based self-adaptive ensemble DE with MMTS for solving dynamic optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1536–1541. Beijing, China.
- [210] Mavrovouniotis M, Yang S. 2014 Interactive and non-interactive hybrid immigrants schemes for ant algorithms in dynamic environments. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1542–1549. Beijing, China.
- [211] Fu H, Lewis P, Sendhoff B, Tang K, Yao X. 2014 What are dynamic optimization problems? In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1550–1557. Beijing, China.
- [212] Chow CK, Yuen SY. 2014 A dynamic history-driven evolutionary algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1558–1564. Beijing, China.
- [213] Zhan ZH, Zhang J. 2014 Adaptive particle swarm optimization with variable relocation for dynamic optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1565–1570. Beijing, China.
- [214] Chang PC, He X. 2014 Macroscopic indeterminacy swarm optimization (MISO) algorithm for real-parameter search. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1571–1578. Beijing, China.
- [215] Jiang Y, Yang Z, Hao Z, Wang Y, He H. 2014 A cooperative honey bee mating algorithm and its application in multi-threshold image segmentation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1579–1585. Beijing, China.
- [216] Chou CH, Chia-Ling H, Chang PC. 2014 A RFID network design methodology for decision problem in health care. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1586–1592. Beijing, China.
- [217] Shang-Chia W, Wei-Chang Y, Tso-Jung Y. 2014 Pareto simplified swarm optimization for grid-computing reliability and service makspan in grid-RMS. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1593–1600. Beijing, China.
- [218] Xu X, Tang M. 2014 A new grouping genetic algorithm for the mapreduce placement problem in cloud computing. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1601–1608. Beijing, China.
- [219] Yusoh ZM, Tang M. 2014 Composite SaaS scaling in cloud computing using a hybrid genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1609–1616. Beijing, China.
- [220] Xu C, Huang H, Ye S. 2014 A differential evolution with replacement strategy for real-parameter numerical optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1617–1624. Beijing, China.
- [221] Erlich I, Rueda JL, Wildenhues S. 2014 Evaluating the mean-variance mapping optimization on the IEEE-CEC 2014 test suite. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1625–1632. Beijing, China.
- [222] Molina D, Lacroix B, Herrera F. 2014 Influence of regions on the memetic algorithm for the special session on real-parameter single objetive optimisation. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 1633–1640. Beijing, China.
- [223] Garden R, Engelbrecht A. 2014 Analysis and classification of optimisation benchmark functions and benchmark suites. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1641–1649. Beijing, China.

- [224] Elsayed S, Sarker R, Essam D, Hamza N. 2014 Testing united multi-operator evolutionary algorithms on the CEC2014 real-parameter numerical optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1650–1657. Beijing, China.
- [225] Tanabe R, Fukunaga A. 2014 Improving the search performance of SHADE using linear population size reduction. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1658–1665. Beijing, China.
- [226] Santu SKK, Rahman MM, Islam MM, Murase K. 2014 Towards better generalization in Pittsburgh learning classifier systems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1666–1673. Beijing, China.
- [227] Scardapane S, Comminiello D, Scarpiniti M, Uncini A. 2014 GP-based kernel evolution for L2-regularization networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1674–1681. Beijing, China.
- [228] Li X, He W, Hirasawa K. 2014 Generalized classifier system: Evolving classifiers with cyclic conditions. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1682–1689. Beijing, China.
- [229] Lee PM, Hsiao TC. 2014 Applying LCS to affective images classification in spatial-frequency domain. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1690–1697. Beijing, China.
- [230] Nguyen TT, Liew AWC, Tran MT, Pham XC, Nguyen MP. 2014 A novel genetic algorithm approach for simultaneous feature and classifier selection in multi classifier system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1698–1705. Beijing, China.
- [231] Glette K, Kaufmann P. 2014 Lookup table partial reconfiguration for an evolvable hardware classifier system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1706–1713. Beijing, China.
- [232] Pat A. 2014 Ant colony optimization and hypergraph covering problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1714–1720. Beijing, China.
- [233] He P, Lu L, Xu X, Li K, Qian H, Zhang W. 2014 Confidence-based ant random walks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1721–1728. Beijing, China.
- [234] Kaszkurewicz E, Bhaya A, Jayadeva J, da Silva JMM. 2014 The coupled EigenAnt algorithm for shortest path problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1729–1735. Beijing, China.
- [235] Dawson L, Stewart I. 2014 Accelerating ant colony optimization-based edge detection on the GPU using CUDA. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1736–1743. Beijing, China.
- [236] Wu Z, Kolonko M. 2014 Absorption in model-based search algorithms for combinatorial optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1744–1751. Beijing, China.
- [237] Mavrovouniotis M, Yang S. 2014 Elitism-based immigrants for ant colony optimization in dynamic environments: Adapting the replacement rate. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 1752–1759. Beijing, China.
- [238] Mallipeddi R, Wu G, Lee M, Nagaratnam SP. 2014 Gaussian adaptation based parameter adaptation for differential evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1760–1767. Beijing, China.

- [239] Salehinejad H, Rahnamayan S, Tizhoosh HR. 2014 Toward using type-II opposition in optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1768–1775. Beijing, China.
- [240] Liu H, Wu Z, Wang H, Rahnamayan S, Deng C. 2014 Improved differential evolution with adaptive opposition strategy. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1776–1783. Beijing, China.
- [241] Angelo J, Krempser E, Barbosa H. 2014 Differential evolution assisted by a surrogate model for bilevel programming problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1784–1791. Beijing, China.
- [242] Minisci E, Vasile M. 2014 Adaptive inflationary differential evolution. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1792–1799. Beijing, China.
- [243] Rahnamayan S, Jesuthasan J, Bourennani F, Salehinejad H, Naterer GF. 2014 Computing opposition by involving entire population. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1800–1807. Beijing, China.
- [244] Li X, He W, Hirasawa K. 2014 Adaptive genetic network programming. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1808–1815. Beijing, China.
- [245] Weise T, Wan M, Tang K, Yao X. 2014 Evolving exact integer algorithms with genetic programming. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1816–1823. Beijing, China.
- [246] Nguyen S, Zhang M, Johnston M. 2014 A sequential genetic programming method to learn forward construction heuristics for order acceptance and scheduling. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1824–1831. Beijing, China.
- [247] Xie C, Shang L. 2014 Anomaly detection in crowded scenes using genetic programming. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1832–1839. Beijing, China.
- [248] Yu Y, Ma H, Zhang M. 2014 A genetic programming approach to distributed QoS-aware web service composition. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1840–1846. Beijing, China.
- [249] Kren T, Neruda R. 2014 Generating lambda term individuals in typed genetic programming using forgetful A\*. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1847–1854. Beijing, China.
- [250] Cota LP, Haddad MN, Souza MJF, Coelho VN. 2014 AIRP: A heuristic algorithm for solving the unrelated parallel machine scheduling problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1855–1862. Beijing, China.
- [251] Grobler J, Engelbrecht AP, Kendall G, Yadavalli V. 2014 Heuristic space diversity management in a meta-hyper-heuristic framework. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1863–1869. Beijing, China.
- [252] Sinha A, Malo P, Deb K. 2014 An improved bilevel evolutionary algorithm based on quadratic approximations. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1870–1877. Beijing, China.
- [253] Ke L. 2014 A cooperative approach between metaheuristic and branch-and-price for the team orienteering problem with time windows. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1878–1882. Beijing, China.

- [254] Zheng YJ, Zhang B, Cheng Z. 2014 Hyper-heuristics with penalty parameter adaptation for constrained optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1883–1889. Beijing, China.
- [255] Segredo E, Segura C, Leon C. 2014 Control of numeric and symbolic parameters with a hybrid scheme based on fuzzy logic and hyper-heuristics. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1890–1897. Beijing, China.
- [256] Sayed E, Essam D, Sarker R, Elsayed S. 2014 A decomposition-based algorithm for dynamic economic dispatch problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1898–1905. Beijing, China.
- [257] Ding J, Song S, Zhang R, Wu C. 2014 Minimizing makespan for a no-wait flowshop using tabu mechanism improved iterated greedy algorithm. In: Coello Coello CA (ed.), *Proceedings of the* 2014 IEEE Congress on Evolutionary Computation, pp. 1906–1911. Beijing, China.
- [258] Ruello M, Grimaccia F, Mussetta M, Zich RE. 2014 Black-hole PSO and SNO for electromagnetic optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1912–1916. Beijing, China.
- [259] Qian X, Huang M, Gao T, Wang X. 2014 An improved ant colony algorithm for winner determination in multi-attribute combinatorial reverse auction. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1917–1921. Beijing, China.
- [260] Pandiyan M. 2014 Soft computing techniques based optimal tuning of virtual feedback PID controller for chemical tank reactor. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1922–1928. Beijing, China.
- [261] Harrison K, Ombuki-Berman B, Engelbrecht A. 2014 Dynamic multi-objective optimization using charged vector evaluated particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1929–1936. Beijing, China.
- [262] Mesa E, Velasquez JD, Jaramillo P. 2014 A new self-adaptive PSO based on the identification of planar regions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1937–1943. Beijing, China.
- [263] Tsai PC, Chen CM, ping Chen Y. 2014 PSO-based evacuation simulation framework. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1944–1950. Beijing, China.
- [264] Bouaziz S, Alimi AM, Abraham A. 2014 PSO-based update memory for improved harmony search algorithm to the evolution of FBBFNT' parameters. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1951–1958. Beijing, China.
- [265] Jariyatantiwait C, Yen G. 2014 Fuzzy multiobjective differential evolution using performance metrics feedback. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1959–1966. Beijing, China.
- [266] Yuen SY, Zhang X. 2014 Multiobjective evolutionary algorithm portfolio: Choosing suitable algorithm for multiobjective optimization problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1967–1973. Beijing, China.
- [267] Shang R, Zhang K, Jiao L. 2014 A novel algorithm for many-objective dimension reductions: Pareto-PCA-NSGA-II. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1974–1981. Beijing, China.
- [268] Souza T, Goldbarg E, Goldbarg M. 2014 An experimental analysis of evolutionary algorithms for the three-objective oil derivatives distribution problem. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 1982–1989. Beijing, China.

- [269] Leung MF, Ng SC, Cheung CC, Lui AK. 2014 A new strategy for finding good local guides in MOPSO. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 1990–1997. Beijing, China.
- [270] Yu JJ, Li VO, Lam AY. 2014 An inter-molecular adaptive collision scheme for chemical reaction optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1998–2004. Beijing, China.
- [271] Poole D, Allen C, Rendall T. 2014 Analysis of constraint handling methods for the gravitational search algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2005–2012. Beijing, China.
- [272] Cai Z, Wen S, Liu L. 2014 Distributed wireless sensor scheduling for multi-target tracking based on matrix-coded parallel genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2013–2018. Beijing, China.
- [273] Ding J, Chen L, Xie Q, Chai T, Zheng X. 2014 Effect of pseudo gradient on differential evolutionary for global numerical optimization. In: Coello Coello CA (ed.), *Proceedings of the* 2014 IEEE Congress on Evolutionary Computation, pp. 2019–2026. Beijing, China.
- [274] Li M, Ji T, Wu P, He S, Wu Q. 2014 Protein folding estimation using paired-bacteria optimizer. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2027–2032. Beijing, China.
- [275] wei Zheng X, jie Lu D, hua Chen Z. 2014 A self-adaptive group search optimizer with elitist strategy. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2033–2039. Beijing, China.
- [276] Xu J, Xi X, Wang S. 2014 Optimization based on adaptive hinging hyperplanes and genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2040–2046. Beijing, China.
- [277] Zhu T, Luo W, Yue L. 2014 Combining multipopulation evolutionary algorithms with memory for dynamic optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2047–2054. Beijing, China.
- [278] Salehinejad H, Rahnamayan S, Tizhoosh HR. 2014 Micro-differential evolution with vectorized random mutation factor. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2055–2062. Beijing, China.
- [279] Gao S, Liu Z, Dai C, Geng X. 2014 Application of BPSO with GA in model-based fault diagnosis of traction substation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2063–2069. Beijing, China.
- [280] Du X, Chang X. 2014 Performance of AI algorithms for mining meaningful roles. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2070–2076. Beijing, China.
- [281] Li J, Zhang J. 2014 Using estimation of distribution algorithm to coordinate decentralized learning automata for meta-task scheduling. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2077–2084. Beijing, China.
- [282] Chatbri H, Kwan P, Kameyama K. 2014 A modular approach for query spotting in document images and its optimization using genetic algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2085–2092. Beijing, China.
- [283] Zhu X, Luo W, Zhu T. 2014 An improved genetic algorithm for dynamic shortest path problems. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2093–2100. Beijing, China.
- [284] Wu CL, Liu CH, Ting CK. 2014 A novel genetic algorithm considering measures and phrases for generating melody. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2101–2107. Beijing, China.

- [285] Shi Z, Peng Y, Wei W. 2014 Optimal sizing of DGs and storage for microgrid with interruptible load using improved NSGA-II. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2108–2115. Beijing, China.
- [286] R RB. 2014 Lion algorithm for standard and large scale bilinear system identification: A global optimization based on lion's social behavior. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2116–2123. Beijing, China.
- [287] Wang Y, Yin J. 2014 Intelligent search optimized edge potential function (EPF) approach to synthetic aperture radar (SAR) scene matching. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2124–2131. Beijing, China.
- [288] Wang Z, Zhang Q, Gong M, Zhou A. 2014 A replacement strategy for balancing convergence and diversity in MOEA/D. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2132–2139. Beijing, China.
- [289] Li M, Yang S, Liu X. 2014 A test problem for visual investigation of high-dimensional multiobjective search. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2140–2147. Beijing, China.
- [290] Menchaca-Mendez A, Coello CAC. 2014 MD-MOEA: A new MOEA based on the maximin fitness function and Euclidean distances between solutions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2148–2155. Beijing, China.
- [291] Li H, Zhang Q, Deng J. 2014 Multiobjective test problems with complicated Pareto fronts: Difficulties in degeneracy. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2156–2163. Beijing, China.
- [292] Souza L, Prudencio R, Barros F. 2014 A comparison study of binary multi-objective particle swarm optimization approaches for test case selection. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2164–2171. Beijing, China.
- [293] Pilat M, Neruda R. 2014 The effect of different local search algorithms on the performance of multi-objective optimizers. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2172–2179. Beijing, China.
- [294] Ali M, Morghem A, AlBadarneh J, Al-Gharaibeh R, Suganthan P, Reynolds R. 2014 Cultural algorithms applied to the evolution of robotic soccer team tactics: A novel perspective. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2180–2187. Beijing, China.
- [295] Juan T, Jose A, Mariela C. 2014 Cultural learning for multi-agent system and its application to fault management. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2188–2195. Beijing, China.
- [296] Stanley S, Palazzolo T, Warnke D. 2014 Analyzing prehistoric hunter behavior with cultural algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2196–2205. Beijing, China.
- [297] Judeh T, Jayyousi T, Acharya L, Reynolds R, Zhu D. 2014 GSCA: Reconstructing biological pathway topologies using a cultural algorithms approach. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2206–2213. Beijing, China.
- [298] Che X, Reynolds R. 2014 A social metrics based process model on complex social system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2214–2221. Beijing, China.
- [299] Zhang B, Shafi K, Abbass H. 2014 Online knowledge-based evolutionary multi-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2222–2229. Beijing, China.

- [300] Polakova R, Tvrdik J, Bujok P. 2014 Controlled restart in differential evolution applied to CEC2014 benchmark functions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2230–2236. Beijing, China.
- [301] Dhebar Y, Deb K, Bandaru S. 2014 Non-uniform mapping in real-coded genetic algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2237–2244. Beijing, China.
- [302] Philippe P, Remi M, Michal V. 2014 Bandits attack function optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2245–2252. Beijing, China.
- [303] Bujok P, Tvrdik J, Polakova R. 2014 Differential evolution with rotation-invariant mutation and competing-strategies adaptation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2253–2258. Beijing, China.
- [304] Hu Z, Bao Y, Xiong T. 2014 Partial opposition-based adaptive differential evolution algorithms: Evaluation on the CEC 2014 benchmark set for real-parameter optimization. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2259–2265. Beijing, China.
- [305] Liang JJ, Qu BY, Song H, Shang ZG. 2014 Memetic differential evolution based on fitness Euclidean-distance ratio. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2266–2273. Beijing, China.
- [306] Campbell A, Ciesielski V, Trist K. 2014 A self organising map based method for understanding features associated with high aesthetic value evolved abstract images. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2274–2281. Beijing, China.
- [307] de Vega FF, Garcia-Valdez M, Navarro L, Cruz C, Hernandez P, Gallego T, Albarran JV. 2014 When artists met Evospace-i. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2282–2289. Beijing, China.
- [308] Sephton N, Cowling P, Powley E, Whitehouse D, Slaven N. 2014 Parallelization of information set Monte Carlo tree search. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2290–2297. Beijing, China.
- [309] Wang S, Gain J, Nitschke G. 2014 Comparing crossover operators in neuro-evolution with crowd simulations. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2298–2305. Beijing, China.
- [310] Davila J. 2014 Genotype coding, diversity, and dynamic environments: A study on an evolutionary neural network multi-agent system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2306–2313. Beijing, China.
- [311] Perez D, Powley E, Whitehouse D, Samothrakis S, Lucas S, Cowling P. 2014 The 2013 multi-objective physical travelling salesman problem competition. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2314–2321. Beijing, China.
- [312] Shao H, Abielmona R, Falcon R, Japkowicz N. 2014 Vessel track correlation and association using fuzzy logic and echo state networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2322–2329. Beijing, China.
- [313] Wang X, Liu X, Japkowicz N, Matwin S. 2014 Automatic target recognition using multiple-aspect sonar images. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2330–2337. Beijing, China.
- [314] Yu JJ, Li VO. 2014 Base station switching problem for green cellular networks with social spider algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2338–2344. Beijing, China.

- [315] Wang Z, Gong M, Cai Q, Ma L, Jiao L. 2014 Deployment optimization of near space airships based on MOEA/D with local search. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2345–2352. Beijing, China.
- [316] Tung HY, Ma WC, Yu TL. 2014 Novel traffic signal timing adjustment strategy based on genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2353–2360. Beijing, China.
- [317] Mauser I, Dorscheid M, Allerding F, Schmeck H. 2014 Encodings for evolutionary algorithms in smart buildings with energy management systems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2361–2366. Beijing, China.
- [318] Mayo M, Sun Q. 2014 Evolving artificial datasets to improve interpretable classifiers. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2367–2374. Beijing, China.
- [319] Varela G, Caamano P, Orjales F, Deibe A, Lopez-Pena F, Duro R. 2014 Differential evolution in constrained sampling problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2375–2382. Beijing, China.
- [320] Plagianakos V. 2014 Unsupervised clustering and multi-optima evolutionary search. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2383–2390. Beijing, China.
- [321] Qiu X, Xu J, Tan KC. 2014 A novel differential evolution (DE) algorithm for multi-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2391–2396. Beijing, China.
- [322] St-Pierre DL, Liu J. 2014 Differential evolution algorithm applied to non-stationary bandit problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2397–2403. Beijing, China.
- [323] Kazimipour B, Li X, Qin A. 2014 Effects of population initialization on differential evolution for large scale optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2404–2411. Beijing, China.
- [324] vanden Broucke S, Vanthienen J, Baesens B. 2014 Declarative process discovery with evolutionary computing. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2412–2419. Beijing, China.
- [325] Burattin A, Sperduti A, van der Aalst WMP. 2014 Control-flow discovery from event streams. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2420–2427. Beijing, China.
- [326] Low W, Weerdt JD, Wynn M, ter Hofstede A, van der Aalst W, vanden Broucke S. 2014 Perturbing event logs to identify cost reduction opportunities: A genetic algorithm-based approach. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2428–2435. Beijing, China.
- [327] Martins L, Nobre R, Delbem A, Marques E, Cardoso J. 2014 A clustering-based approach for exploring sequences of compiler optimizations. In: Coello Coello CA (ed.), *Proceedings of the* 2014 IEEE Congress on Evolutionary Computation, pp. 2436–2443. Beijing, China.
- [328] Yoshida T, Yoshikawa T. 2014 A study on non-correspondence in spread between objective space and design variable space for trajectory designing optimization problem. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2444–2450. Beijing, China.
- [329] Agapitos A, O'Neill M, Brabazon A. 2014 Ensemble Bayesian model averaging in genetic programming. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2451–2458. Beijing, China.

- [330] Ceberio J, Irurozki E, Mendiburu A, Lozano JA. 2014 Extending distance-based ranking models in estimation of distribution algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2459–2466. Beijing, China.
- [331] Wang B, Xu H, Yuan Y. 2014 Quantum-inspired evolutionary algorithm with linkage learning. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2467–2474. Beijing, China.
- [332] Wang SM, Tung YF, Yu TL. 2014 Investigation on efficiency of optimal mixing on various linkage sets. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2475–2482. Beijing, China.
- [333] Liao Q, Zhou A, Zhang G. 2014 A locally weighted metamodel for pre-selection in evolutionary optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2483–2490. Beijing, China.
- [334] Su YE, Yu TL. 2014 Use model building on discretization algorithms for discrete EDAs to work on real-valued problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2491–2498. Beijing, China.
- [335] Kattan A, Kampouridis M, Ong YS, Mehamdi K. 2014 Transformation of input space using statistical moments: EA-based approach. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2499–2506. Beijing, China.
- [336] Malan K, Engelbrecht A. 2014 A progressive random walk algorithm for sampling continuous fitness landscapes. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2507–2514. Beijing, China.
- [337] Alanazi F, Lehre PK. 2014 Runtime analysis of selection hyper-heuristics with classical learning mechanisms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2515–2523. Beijing, China.
- [338] Cleghorn C, Engelbrecht A. 2014 Particle swarm convergence: An empirical investigation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2524–2530. Beijing, China.
- [339] Ma J, Zhang J, Wang W, Yao J. 2014 Phase transition particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2531–2538. Beijing, China.
- [340] Zhang K, Weise T, Li J. 2014 Fitness level based adaptive operator selection for cutting stock problems with contiguity. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2539–2546. Beijing, China.
- [341] Klazar R, Engelbrecht A. 2014 Parameter optimization by means of statistical quality guides in F-Race. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2547–2552. Beijing, China.
- [342] Zhang L, He R. 2014 A globally diversified island model PGA for multimodal optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2553–2561. Beijing, China.
- [343] Pereira M, Roisenberg M, Neto G. 2014 A topological niching covariance matrix adaptation for multimodal optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2562–2569. Beijing, China.
- [344] Vafaee F, Turan G, Nelson P, Berger-Wolf T. 2014 Balancing the exploration and exploitation in an adaptive diversity guided genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2570–2577. Beijing, China.
- [345] Peng X, Lei X, Liu K. 2014 Compensate information from multimodal dynamic landscapes: An anti-pathology cooperative coevolutionary algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2578–2584. Beijing, China.

- [346] Kazimipour B, Li X, Qin A. 2014 A review of population initialization techniques for evolutionary algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2585–2592. Beijing, China.
- [347] Fieldsend J. 2014 Running up those hills: Multi-modal search with the niching migratory multi-swarm optimiser. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2593–2600. Beijing, China.
- [348] Zhu L, Deb K, Kulkarni S. 2014 Multi-scenario optimization using multi-criterion methods: A case study on Byzantine agreement problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2601–2608. Beijing, China.
- [349] Smith C, Doherty J, Jin Y. 2014 Multi-objective evolutionary recurrent neural network ensemble for prediction of computational fluid dynamic simulations. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 2609–2616. Beijing, China.
- [350] Wesolkowski S, Francetic N, Grant S. 2014 TraDE: Training device selection via multi-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2617–2624. Beijing, China.
- [351] Abdul W, Xiaoying G, Peter A. 2014 Multi-view clustering of web documents using multi-objective genetic algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2625–2632. Beijing, China.
- [352] Masuda H, Nojima Y, Ishibuchi H. 2014 Visual examination of the behavior of EMO algorithms for many-objective optimization with many decision variables. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2633–2640. Beijing, China.
- [353] Hu W, Yen G, Zhang X. 2014 Sensitivity analysis of parallel cell coordinate system in manyobjective particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2641–2648. Beijing, China.
- [354] Maia R, de Castro L, Caminhas W. 2014 Real-parameter optimization with OptBees. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2649–2655. Beijing, China.
- [355] Shan H, Yasuda T, Ohkura K. 2014 A Levy flight-based hybrid artificial bee colony algorithm for solving numerical optimization problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2656–2663. Beijing, China.
- [356] Ding K, Tan Y. 2014 Comparison of random number generators in particle swarm opimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2664–2671. Beijing, China.
- [357] Chen L, Liu HL, Zheng Z, Xie S. 2014 A evolutionary algorithm based on covariance matrix leaning and searching preference for solving CEC 2014 benchmark problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2672–2677. Beijing, China.
- [358] Leite V, Silva C, Claro J, Sousa JMC. 2014 Optimization of power flow with energy storage using genetic algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2678–2684. Beijing, China.
- [359] Yang Z, Li K, Foley A, Zhang C. 2014 A new self-learning TLBO algorithm for RBF neural modelling of batteries in electric vehicles. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2685–2691. Beijing, China.
- [360] Richter H. 2014 Codynamic fitness landscapes of coevolutionary minimal substrates. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2692–2699. Beijing, China.

- [361] Dick G, Yao X. 2014 Model representation and cooperative coevolution for finite-state machine evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2700–2707. Beijing, China.
- [362] Wu SY, Liu JS. 2014 Evolutionary path planning of a data mule in wireless sensor network by using shortcuts. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2708–2715. Beijing, China.
- [363] Karim MR, Mouhoub M. 2014 Coevolutionary genetic algorithm for variable ordering in CSPs. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2716–2723. Beijing, China.
- [364] Menendez HD, Barrero DF, Camacho D. 2014 A co-evolutionary multi-objective approach for a k-adaptive graph-based clustering algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2724–2731. Beijing, China.
- [365] Bidlo M. 2014 Evolving multiplication as emergent behavior in cellular automata using conditionally matching rules. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2732–2739. Beijing, China.
- [366] Menendez HD, Plaza L, Camacho D. 2014 Combining graph connectivity and genetic clustering to improve biomedical summarization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2740–2747. Beijing, China.
- [367] Datta S, Rakshit P, Konar A, Nagar AK. 2014 Selecting the optimal EEG electrode positions for a cognitive task using an artificial bee colony with adaptive scale factor optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2748–2755. Beijing, China.
- [368] Ahmed S, Zhang M, Peng L. 2014 A new GP-based wrapper feature construction approach to classification and biomarker identification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2756–2763. Beijing, China.
- [369] Byrne J, Nicolau M, Brabazon A, O'Neill M. 2014 An examination of synchronisation in artificial gene regulatory networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2764–2769. Beijing, China.
- [370] Soncco-Alvarez JL, Ayala-Rincon M. 2014 Memetic algorithm for sorting unsigned permutations by reversals. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2770–2777. Beijing, China.
- [371] Fogel G, Liu E, Salemi M, Lamers S, McGrath M. 2014 Evolved neural networks for HIV-1 co-receptor identification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2778–2784. Beijing, China.
- [372] Mario ED, Navarro I, Martinoli A. 2014 Analysis of fitness noise in particle swarm optimization: From robotic learning to benchmark functions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2785–2792. Beijing, China.
- [373] Pretorius C, du Plessis M, Gonsalves J. 2014 A comparison of neural networks and physics models as motion simulators for simple robotic evolution. In: Coello Coello CA (ed.), *Proceedings of the* 2014 IEEE Congress on Evolutionary Computation, pp. 2793–2800. Beijing, China.
- [374] Moshaiov A, Tal A. 2014 Family bootstrapping: A genetic transfer learning approach for onsetting the evolution for a set of related robotic tasks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2801–2808. Beijing, China.
- [375] Moshaiov A, Abramovich O. 2014 Is MO-CMA-ES superior to NSGA-II for the evolution of multi-objective neuro-controllers? In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2809–2816. Beijing, China.

- [376] Dornberger R, Hanne T, Ryter R, Michael S. 2014 Optimization of the picking sequence of an automated storage and retrieval system (AS/RS). In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2817–2824. Beijing, China.
- [377] Alam K, Ray T, Anavatti SG. 2014 Practical application of an evolutionary algorithm for the design and construction of a six-inch submarine. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2825–2832. Beijing, China.
- [378] Kazimipour B, Omidvar MN, Li X, Qin A. 2014 A novel hybridization of opposition-based learning and cooperative co-evolutionary for large-scale optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2833–2840. Beijing, China.
- [379] Cooper I, John M, Lewis R, Olden A, Mumford C. 2014 Optimising large scale public transport network design problems using mixed-mode parallel multi-objective evolutionary algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2841–2848. Beijing, China.
- [380] Watanabe T, Tatsukawa T, Jaimes AL, Aono H, Nonomura T, Oyama A, Fujii K. 2014 Many-objective evolutionary computation for optimization of separated-flow control using a DBD plasma actuator. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2849–2854. Beijing, China.
- [381] Lin L, Mitsuo G, Yan L. 2014 A hybrid EA for high-dimensional subspace clustering problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2855–2860. Beijing, China.
- [382] yu Du M, juan Lei X, qiang Wu Z. 2014 A simplified glowworm swarm optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2861–2868. Beijing, China.
- [383] Li B, Li J, Tang K, Yao X. 2014 An improved two archive algorithm for many-objective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2869–2876. Beijing, China.
- [384] Xiao Y, Trefzer M, Walker J, Bale S, Tyrrell A. 2014 Two step evolution strategy for device motif BSIM model parameter extraction. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2877–2884. Beijing, China.
- [385] Wagner M. 2014 Maximising axiomatization coverage and minimizing regression testing time. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2885–2892. Beijing, China.
- [386] Huo Y, Cai Z, Gong W, Liu Q. 2014 A new adaptive kalman filter by combining evolutionary algorithm and fuzzy inference system. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2893–2900. Beijing, China.
- [387] Sekanina L, Ptak O, Vasicek Z. 2014 Cartesian genetic programming as local optimizer of logic networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2901–2908. Beijing, China.
- [388] Donne S, Nicolau M, Bean C, O'Neill M. 2014 Wave height quantification using land based seismic data with grammatical evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2909–2916. Beijing, China.
- [389] Xie F, Song A, Ciesielski V. 2014 Genetic programming based activity recognition on a smartphone sensory data benchmark. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2917–2924. Beijing, China.
- [390] Janecek A, Jordan T, de Lima-Neto FB. 2014 Swarm/evolutionary intelligence for agent-based social simulation. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2925–2932. Beijing, China.

- [391] Zan D, Jaros J. 2014 Solving the multidimensional knapsack problem using a CUDA accelerated PSO. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2933–2939. Beijing, China.
- [392] Runkler T, Bezdek J. 2014 Multidimensional scaling with multiswarming. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2940–2946. Beijing, China.
- [393] Metlicka M, Davendra D. 2014 Chaos-driven discrete artificial bee colony. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2947–2954. Beijing, China.
- [394] Alam S, Dobbie G, Koh YS, Riddle P. 2014 Web bots detection using particle swarm optimization based clustering. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2955–2962. Beijing, China.
- [395] Wu CW, Chiang TC, Fu LC. 2014 An ant colony optimization algorithm for multi-objective clustering in mobile ad hoc networks. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2963–2968. Beijing, China.
- [396] Adriaensen S, Brys T, Nowe A. 2014 Designing reusable metaheuristic methods: A semi-automated approach. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2969–2976. Beijing, China.
- [397] Enaya Y, Deb K. 2014 Network path optimization under dynamic conditions. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2977–2984. Beijing, China.
- [398] Brent O, Thiruvady D, Gomez-Iglesias A, Garcia-Flores R. 2014 A parallel Lagrangian-ACO heuristic for project scheduling. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 2985–2991. Beijing, China.
- [399] Masi L, Vasile M. 2014 A multidirectional Physarum solver for the automated design of space trajectories. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2992–2999. Beijing, China.
- [400] Xie J, Mei Y, Ernst A, Li X, Song A. 2014 A genetic programming-based hyper-heuristic approach for storage location assignment problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3000–3007. Beijing, China.
- [401] Burman R, Das S, Haque Z, Vasilakos AV, Chakraborti S. 2014 The monarchy driven optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3008–3015. Beijing, China.
- [402] Jin N, Yao X. 2014 Heuristic optimization for software project management with impacts of team efficiency. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3016–3023. Beijing, China.
- [403] Wang Q, Li H, Gong M, Su L, Jiao L. 2014 A multiobjective optimization method based on MOEA/D and fuzzy clustering for change detection in SAR images. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 3024–3029. Beijing, China.
- [404] Tsai PC, Chen CM, ping Chen Y. 2014 A novel evaluation function for LT codes degree distribution optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3030–3035. Beijing, China.
- [405] Triguero I, Peralta D, Bacardit J, Garcia S, Herrera F. 2014 A combined MapReduce-windowing two-level parallel scheme for evolutionary prototype generation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3036–3043. Beijing, China.

- [406] Gu L, Yang P, Dong Y. 2014 A dynamic-weighted collaborative filtering approach to address sparsity and adaptivity issues. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3044–3050. Beijing, China.
- [407] Reid S, Malan K, Engelbrecht A. 2014 Carry trade portfolio optimization using particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3051–3058. Beijing, China.
- [408] reza Bonyadi M, Michalewicz Z. 2014 On the edge of feasibility: A case study of the particle swarm optimizer. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3059–3066. Beijing, China.
- [409] Dong W, Zeng S. 2014 Linear sparse arrays designed by dynamic constrained multi-objective evolutionary algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3067–3072. Beijing, China.
- [410] Si C, Shen J, Zou X, Wang L, Wu Q. 2014 Mapping constrained optimization problems to penalty parameters: An empirical study. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3073–3079. Beijing, China.
- [411] Singh P, Couckuyt I, Ferranti F, Dhaene T. 2014 A constrained multi-objective surrogate-based optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3080–3087. Beijing, China.
- [412] Poursoltan S, Neumann F. 2014 A feature-based analysis on the impact of linear constraints for e-constrained differential evolution. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3088–3095. Beijing, China.
- [413] Ki-Baek L, Jong-Hwan K. 2014 DMOPSO: Dual multi-objective particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3096–3102. Beijing, China.
- [414] Cheng R, Jin Y. 2014 Demonstrator selection in a social learning particle swarm optimizer. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3103–3110. Beijing, China.
- [415] Nguyen BH, Xue B, Liu I, Zhang M. 2014 Filter based backward elimination in wrapper based PSO for feature selection in classification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3111–3118. Beijing, China.
- [416] Xue B, Qin AK, Zhang M. 2014 An archive based particle swarm optimisation for feature selection in classification. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3119–3126. Beijing, China.
- [417] da Silva AS, Ma H, Zhang M. 2014 A graph-based particle swarm optimisation approach to QoS-aware web service composition and selection. In: Coello Coello CA (ed.), *Proceedings of the* 2014 IEEE Congress on Evolutionary Computation, pp. 3127–3134. Beijing, China.
- [418] Hardhienata M, Ugrinovskii V, Merrick K. 2014 Task allocation under communication constraints using motivated particle swarm optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3135–3142. Beijing, China.
- [419] McNabb A, Seppi K. 2014 Serial PSO results are irrelevant in a multi-core parallel world. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3143–3150. Beijing, China.
- [420] Helbig M, Engelbrecht A. 2014 Heterogeneous dynamic vector evaluated particle swarm optimisation for dynamic multi-objective optimisation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3151–3159. Beijing, China.
- [421] Liu M, Zheng J, Wang J, Liu Y, Jiang L. 2014 An adaptive diversity introduction method for dynamic evolutionary multiobjective optimization. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3160–3167. Beijing, China.

- [422] Azzouz R, Bechikh S, Said LB. 2014 A multiple reference point-based evolutionary algorithm for dynamic multi-objective optimization with undetectable changes. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3168–3175. Beijing, China.
- [423] Rakshit P, Konar A, Nagar A. 2014 Artificial bee colony induced multi-objective optimization in presence of noise. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3176–3183. Beijing, China.
- [424] Friedrich T, Menzel S. 2014 A cascaded evolutionary multi-objective optimization for solving the unbiased universal electric motor family problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3184–3191. Beijing, China.
- [425] Biswas S, Das S, Suganthan PN, Coello CAC. 2014 Evolutionary multiobjective optimization in dynamic environments: A set of novel benchmark functions. In: Coello Coello CA (ed.), Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pp. 3192–3199. Beijing, China.
- [426] Zhang B, Zhang MX, Zheng YJ. 2014 A hybrid biogeography-based optimization and fireworks algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3200–3206. Beijing, China.
- [427] Liu J, Zheng S, Tan Y. 2014 Analysis on global convergence and time complexity of fireworks algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3207–3213. Beijing, China.
- [428] Li J, Zheng S, Tan Y. 2014 Adaptive fireworks algorithm. In: Coello Coello CA (ed.), *Proceedings* of the 2014 IEEE Congress on Evolutionary Computation, pp. 3214–3221. Beijing, China.
- [429] Zheng S, Janecek A, Li J, Tan Y. 2014 Dynamic search in fireworks algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3222–3229. Beijing, China.
- [430] Cheng S, Shi Y, Qin Q, Ting TO, Bai R. 2014 Maintaining population diversity in brain storm optimization algorithm. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3230–3237. Beijing, China.
- [431] Yu C, Kelley L, Zheng S, Tan Y. 2014 Fireworks algorithm with differential mutation for solving the CEC 2014 competition problems. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3238–3245. Beijing, China.
- [432] Ivan Z, Jouni L, Roman S, Michal P, Donald D. 2014 Evolutionary algorithms dynamics and its hidden complex network structures. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3246–3251. Beijing, China.
- [433] Suzuki M, Tsuruta S, Knauf R, Sakurai Y. 2014 Knowledge acquisition issues for intelligent route optimization by evolutionary computation. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3252–3257. Beijing, China.
- [434] Menezes M, Goldbarg M, Goldbarg E. 2014 A memetic algorithm for the prize collecting traveling car renter problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3258–3265. Beijing, China.
- [435] Wu M, Karkar A, Liu B, Yakovlev A, Gielen G. 2014 Network on chip optimization based on surrogate model assisted evolutionary algorithms. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3266–3271. Beijing, China.
- [436] Liao XL, Chien CH, Ting CK. 2014 A genetic algorithm for the minimum latency pickup and delivery problem. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3272–3279. Beijing, China.
- [437] Weiszer M, Chen J, Ravizza S, Atkin J, Stewart P. 2014 A heuristic approach to greener airport ground movement. In: Coello Coello CA (ed.), *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3280–3286. Beijing, China.