

## Список литературы

- [1] Agrawal S, Bose SK, Sundarrajan S. Grouping genetic algorithm for solving the serverconsolidation problem with conflicts. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1–8.
- [2] Becker YL, O'Reilly UM. Genetic programming for quantitative stock selection. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 9–16.
- [3] Cao C, Gu J, Jiao B, Xin Z, Gu X. Optimizing constrained non-convex NLP problems in chemical engineering field by a novel modified goal programming genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 17–24.
- [4] Cao Y, Hu C, Li L. Search-based multi-paths test data generation for structure-oriented testing. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 25–32.
- [5] Chen H, Zhou C, Zhu W. A hybrid neural-genetic approach for reconfigurable scheduling of networked control system. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 33–38.
- [6] Chen J, Jia J, Wen Y, zhao D, Liu J. A genetic approach to channel assignment for multi-radio multi-channel wireless mesh networks. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 39–46.
- [7] Chen J, Jia J, Wen Y, Zhao D, Liu J. Modeling and extending lifetime of wireless sensor networks using genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 47–54.
- [8] Chen Q, Xiong S, Liu H. Particle swarm optimization algorithm based on dynamic memory strategy. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 55–60.
- [9] Chen Z, He Z, Zhang C. The non-clique particle swarm optimizer. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 61–66.
- [10] Seng CC, Lian CC, Spencer LKM, Darren OWS. A co-evolutionary approach for military operational analysis. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 67–74.
- [11] Cullen JS. Evolving common LISP programs in a linear-genotype evolutionary computation system. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 75–80.
- [12] Cullen JS. Evolutionary meta programming. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 81–88.
- [13] Deng R, Jiang C, Yin F. Ant colony optimization for precedence-constrained heterogeneous multiprocessor assignment problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 89–96.
- [14] Ding G, Li L, Ju Y. Multi-strategy grouping genetic algorithm for the pickup and delivery problem with time windows. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 97–104.
- [15] Dupuis JF, Fan Z, Goodman E. Evolved finite state controller for hybrid system. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 105–112.

- [16] Fan Q, Wang P, Huang J. The effect of crossover on evolution ability of population. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 113–118.
- [17] Fang X, Jiang C, Fan X. Independent global constraints for web service composition based on GA and APN. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 119–126.
- [18] Feng Z, Xu K. Tabu-search for single machine scheduling with controllable processing times. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 127–134.
- [19] Gan C, Ying-ying S, Cang-hui Z. Particle swarm optimization algorithm for emergency resource allocation on expressway. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 135–140.
- [20] Gong M, Jiao L, Ma W. Orthogonal immune algorithm with diversity-based selection for numerical optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 141–148.
- [21] Gong M, Jiao L, Ma W. Large-scale optimization using immune algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 149–156.
- [22] Gu F, Liu H, Liu W. A bounded diameter minimum spanning tree evolutionary algorithm based on double chromosome. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 157–162.
- [23] Gu J, Cao C, Jiao B, Gu X. An improved quantum genetic algorithm for stochastic flexible scheduling problem with breakdown. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 163–170.
- [24] Gu Q, Ding Y. Binary particle swarm optimization based prediction of G-protein-coupled receptor families with feature selection. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 171–176.
- [25] Guo L, Rivero D, Seoane JA, Pazos A. Classification of EEG signals using relative wavelet energy and artificial neural networks. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 177–184.
- [26] Guo Yn, Yang M, Cheng J. Path planning method for robots in complex ground environment based on cultural algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 185–192.
- [27] Guo Yn, Cheng J, Lin Y. Cooperative interactive cultural algorithms adopting knowledge migration. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 193–200.
- [28] He G, Li Y, Shi Z, Hu T. Intrinsic evolution of digital circuits using evolutionary algorithms. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 201–208.
- [29] Hongfeng X, Guanzheng T, Jingui H. Large scale function optimization or high-dimension function optimization in large using simplex-based genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 209–216.
- [30] Hu H, Xu L, Hu Q. Model-based compromise control of greenhouse climate using pareto optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 217–222.

- [31] Hu Q, Xu L, Goodman ED. Non-even spread NSGA-II and its application to conflicting multi-objective compatible control. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 223–230.
- [32] Huang M, Dong Hy, Wang Xw, Zheng Bl, Ip WH. Guided variable neighborhood harmony search for integrated charge planning in primary steelmaking processes. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 231–238.
- [33] Irene HSF, Deris S, Hashim M, Zaiton S. University course timetable planning using hybrid particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 239–246.
- [34] Jiang F, Berry H, Schoenauer M. The impact of network topology on self-organizing maps. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 247–254.
- [35] Karshenas H, Nikanjam A, Helmi BH, Rahmani AT. Combinatorial effects of local structures and scoring metrics in bayesian optimization algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 263–270.
- [36] Li Lp, Wang L. Hybrid algorithms based on harmony search and differential evolution for global optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 271–278.
- [37] Li Z, Wang Y, Olivier KK, Chen J, Li K. The cloud-based framework for ant colony optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 279–286.
- [38] Li Z, Liu S, Xiao D, Chen J, Li K. Multi-objective particle swarm optimization algorithm based on game strategies. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 287–294.
- [39] Li Z, Xu B, Yang L, Chen J, Li K. Quantum evolutionary algorithm for multi-robot coalition formation. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 295–302.
- [40] Liang Y, Xu L. Global path planning for mobile robot based genetic algorithm and modified simulated annealing algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 303–308.
- [41] Liang Y, Xu L. Mobile robot global path planning using hybrid modified simulated annealing optimization algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 309–314.
- [42] Lin C. An immune algorithm for complex fuzzy cognitive map partitioning. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 315–320.
- [43] Lin J, Chen S, Cao Y, Guan H. Parameters optimization on dent around fuel filler of auto rear fender based on intelligent algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 321–328.
- [44] Liu B, Ding Y, Wang J. A collaborative optimized genetic algorithm based on regulation mechanism of neuroendocrine-immune system. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 329–336.

- [45] Liu F, Zhang W, Ding Y, Liu X, Zheng M, Liu Y. DynamicTrust: three-dimensional dynamic computing model of trust in peer-to-peer networks. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 337–344.
- [46] Liu J, Fan Z, Goodman E. SRDE: an improved differential evolution based on stochastic ranking. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 345–352.
- [47] Liu W, Wu M, Peng J, Wang G. Designing fair flow fuzzy controller using genetic algorithm for computer networks. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 361–368.
- [48] Liu W, Li M, Liu Y, Xu Y, Yang X. Decision of optimal scheduling scheme for gas field pipeline network based on hybrid genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 369–374.
- [49] Liu X, Hu J, Teng S, Zhao L, Liu G. The design of three-motor intelligent synchronous decoupling control system. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 375–380.
- [50] Liu Y, Zhang D, Leung SC. A simulated annealing algorithm with a new neighborhood structure for the timetabling problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 381–386.
- [51] LU FQ, Huang M, Ching WK, Wang XW, Sun XL. Multi-swarm particle swarm optimization based risk management model for virtual enterprise. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 387–392.
- [52] Lu Q, Qiu Xn, Liu Sr. A discrete particle swarm optimization algorithm with fully communicated information. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 393–400.
- [53] Luh GC, Hsieh CC. Face recognition using immune network based on principal component analysis. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 401–408.
- [54] Ma X, Mu G, Yu X. Kernel-based immunity synergetic network for image classification. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 409–414.
- [55] Ma X, Wan W, Jiao L. Spectral clustering ensemble for image segmentation. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 415–420.
- [56] Min H, Zeng J, Luo R. Fuzzy CMAC with automatic state partition for reinforcement learning. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 421–428.
- [57] Mushi JC, Tan G. SO-antnet for improving load sharing in MANET. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 429–436.
- [58] Ning B, Cao X, Xu Y, Zhang J. Virus-evolutionary genetic algorithm based selective ensemble classifier for pedestrian detection. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 437–442.
- [59] Otsuki A, Okada K. The study of the knowledge optimization tool. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 443–450.

- [60] Ozkan M, Yazici A, Kapanoglu M, Parlaktuna O. Hierarchical oriented genetic algorithms for coverage path planning of multi-robot teams with load balancing. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 451–458.
- [61] Pan F, Wang G, Liu Y. A multi-objective-based non-stationary UAV assignment model for constraints handling using PSO. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 459–466.
- [62] Parsopoulos KE. Cooperative micro-particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 467–474.
- [63] Pullan W. A population based hybrid meta-heuristic for the uncapacitated facility location problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 475–482.
- [64] Qiu X, Lu Q. Target tracking and localization of binocular mobile robot using camshift and SIFT. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 483–488.
- [65] Rokhlenko O, Wexler Y. Embedded self-adaptation to escape from local optima. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 489–496.
- [66] Shen H, Zhu Y, Zhou X, Guo H, Chang C. Bacterial foraging optimization algorithm with particle swarm optimization strategy for global numerical optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 497–504.
- [67] Sun Y, Qi G, Wang Z, van Wyk BJ, Hamam Y. Chaotic particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 505–510.
- [68] Unachak P, Goodman E. Adaptive representation for flexible job-shop scheduling and rescheduling. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 511–516.
- [69] Wan S, Hao Y, Qiu D. Research on VRP using advanced probability learning based evolutionary algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 517–520.
- [70] Wang F, Lin Z, Yang C, Li Y. SGMIT: using selfish gene theory to construct mutualinformation trees for optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 521–528.
- [71] Wang H, Teng G, Zhang Z, Wang G. A low cost hardware oriented motion estimation algorithm for HDTV. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 529–536.
- [72] Wang H, Wu Z, Liu Y, Wang J, Jiang D, Chen L. Space transformation search: a new evolutionary technique. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 537–544.
- [73] Wang L, Wang X, Fei M. A novel quantum-inspired pseudorandom proportional evolutionary algorithm for the multidimensional knapsack problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 545–552.
- [74] Wang X, Wan W, Yu X. Rough set approximate entropy reducts with order based particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 553–560.

- [75] Wang Yf, Wang Y, Mu Cy. Nodes localization in sensor networks based on vectors and particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 561–564.
- [76] Wang ZL, Chen ZH, Chen HY. A novel robust background modeling algorithm for complex natural scenes. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 565–570.
- [77] Weihua D, Minrui F. Dynamic output feedback control of uncertain networked control systems. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 571–576.
- [78] Weise T, Zapf M. Evolving distributed algorithms with genetic programming: election. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 577–584.
- [79] Woodward JR, Bai R. Canonical representation genetic programming. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 585–592.
- [80] Woodward JR, Bai R. Why evolution is not a good paradigm for program induction: a critique of genetic programming. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 593–600.
- [81] Wu CY, Zhang CB, Wang CJ. Topology optimization of structures using ant colony optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 601–608.
- [82] Xie LP, Zeng JC. A global optimization based on physicomimetics framework. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 609–616.
- [83] Xie L, Wang Z, Wu K. The stability study of biped robot based on GA and neural network. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 617–622.
- [84] Xin B, Chen J, Pan F. Problem difficulty analysis for particle swarm optimization: deception and modality. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 623–630.
- [85] Xu B, Luo W, Pei X, Zhang M, Wang X. On average time complexity of evolutionary negative selection algorithms for anomaly detection. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 631–638.
- [86] Xu Hq, Ding Ys, Hu Zh. Adaptive immune genetic algorithm for logic circuit design. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 639–644.
- [87] Xu L, Hu H, Zhu B. Energy-saving control of greenhouse climate based on MOCC strategy. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 645–650.
- [88] Xu L, Zhu B, Goodman ED. An improved MOCC with feedback control structure based on preference. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 651–656.
- [89] Xu Q, Si J, Wang L. Association based immune network for multimodal function optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 657–664.

- [90] Xu S, Zhou X, Sun Yn. A genetic algorithm-based feature selection method for human identification based on ground reaction force. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 665–670.
- [91] Xu W, Gu X. A hybrid particle swarm optimization approach with prior crossover differential evolution. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 671–678.
- [92] Xu X, Li Y, Wu Y, Du X. Parameter estimation for asymptotic regression model by particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 679–686.
- [93] Xu Y, Low MYH, Choo CS. Enhancing automated red teaming with evolvable simulation. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 687–694.
- [94] Xu Z, Gu X, Jiao B, Gu J. Research on job shop scheduling under uncertainty. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 695–702.
- [95] Yan P, Tang L. PSO algorithm for a scheduling parallel unit batch process with batching. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 703–708.
- [96] Yan S, Sun Z. Design and analysis of switching full-order current observer and separation principle for T-S fuzzy system. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 709–716.
- [97] Yu S, Cao X, Hu M, Du W, Zhang J. A real-time schedule method for aircraft landing scheduling problem based on cellular automaton. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 717–724.
- [98] Yuan R, Zou X, Xu C. A parallel evolutionary algorithm for optimal pulse-width modulation technique in power systems. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 725–730.
- [99] Zeng L, Zou F, Xu X. Mathematical model and hybrid particle swarm optimization for flexible job-shop scheduling problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 731–736.
- [100] Zhang M, Zhao S, Wang X. A novel sexual adaptive genetic algorithm based on two-step evolutionary scenario of baldwin effect and analysis of global convergence. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 737–744.
- [101] Zhang SP, Ding YS, Hao KR. An immune evolutionary algorithm based pose estimation method for parallel manipulator. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 745–750.
- [102] Zhang Xf, Liu J, Ding Ys. An immune co-evolutionary algorithm based approach for optimization control of gas turbine. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 751–756.
- [103] Zhou Q, Cui X, Wang Z, Yang B. A hybrid optimization algorithm for the job-shop scheduling problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 757–764.
- [104] Zhu W. A study of parallel evolution strategy: pattern search on a GPU computing platform. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 765–772.

- [105] Zhu Y, Ding Y, Li W, Kemp G. A proposed modularized DNA computer, based on biochips. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 773–780.
- [106] Zhuo J, Li J, Wu G. Study of cache placement for time-shifted TV cluster using genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 781–786.
- [107] Affenzeller M, Beham A, Wagner S, Winkler SM. About the dynamics of essential genetic information: an empirical analysis for selected GA-variants. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 787–790.
- [108] An J, Guo X, Yang Y. Analysis of collision probability in vehicular ad hoc networks. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 791–794.
- [109] Cai Zs, Sun Ln, Gao Hb. A novel hierarchical decomposition for multi-player pursuit evasion differential game with superior evaders. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 795–798.
- [110] Chen H, Zou B. Optimal feature selection algorithm based on quantum-inspired clone genetic strategy in text categorization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 799–802.
- [111] Chen Q, Xiong S, Liu H. Evolutionary multi-objective optimization algorithm based on global crowding diversity maintenance strategy. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 803–806.
- [112] Chen SH, Zeng RJ, Yu T. Analysis of micro-behavior and bounded rationality in double auction markets using co-evolutionary GP. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 807–810.
- [113] Comellas F, Martinez-Navarro J. Bumblebees: a multiagent combinatorial optimization algorithm inspired by social insect behaviour. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 811–814.
- [114] Dai G, Li Y, Zheng W. Research on an orthogonal and model based multi-objective genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 815–818.
- [115] Ding G, Li D, Chen L. Solving the packing problem of rectangles with improved genetic algorithm based on statistical analysis. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 819–822.
- [116] Du X, Ding LX, Xie CW, Xu X, Wang Sw, Chen L. Convergence analysis of gene expression programming based on maintaining elitist. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 823–826.
- [117] Gu J, Cao C, Jiao B, Gu X. An improved quantum genetic algorithm for stochastic job shop problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 827–830.
- [118] Guo Jp, Li Wh, Gao F. Descriptive statistics of non-uniform interval symbolic data. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 831–834.



- [119] Huang F, Gu J, Xu J. The optimum method on injection molding condition based on RBF network and ant colony algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 835–838.
- [120] Huang M, Cui Y, Wang X, Dong H. A genetic algorithm for solving fourth-party logistics routing optimizing problem with fuzzy duration time. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 839–842.
- [121] Jiang H, Yuan Z, Zhao Y. Research on flight test calibration strategy based on data fusion. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 843–846.
- [122] Jin L, Jia J, Chang G, Wang X. Restoration of coverage blind spots in wireless sensor networks based on ant colony algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 847–850.
- [123] Kim YH, Yoon Y. Representation and recombination over nonsingular binary matrices. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 855–858.
- [124] Korns MF. Symbolic regression using abstract expression grammars. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 859–862.
- [125] Li L, Kong F. Synchronization analysis and control in chaos system based on complex network. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 863–866.
- [126] Li X, Mao Z, Qi E. Research on multi-supplier performance measurement based on genetic ant colony algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 867–870.
- [127] Li Y, Shi H, Gong M, Shang R. Quantum-inspired evolutionary clustering algorithm based on manifold distance. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 871–874.
- [128] Liu C, Wan W, Wu Y. Image based reconstruction using hybrid optimization of simulated annealing and genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 875–878.
- [129] Liu F, Qi Y, Xia Z, Hao H. Discrete differential evolution algorithm for the job shop scheduling problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 879–882.
- [130] Liu H, Xiong S, Chen Q. Training fuzzy support vector machines by using boundary of rough set. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 883–886.
- [131] Liu R, Li Y, Zhang W, Jiao L. Stochastic ranking based differential evolution algorithm for constrained optimization problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 887–890.
- [132] Liu S, Qiao Yy, Wen Qk. Segmentation of multispectral remote sensing images based on ant colony optimization algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 891–894.
- [133] Liu Y, Xiong S, Liu H. Hybrid simulated annealing algorithm based on adaptive cooling schedule for TSP. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 895–898.

- [134] Longcun J, Wanggen W, Bin C, Xiaoqing Y, Hongwei X. A new multimedia information data mining method. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 899–902.
- [135] Luo X, Sun Z, Zhang X, Hu L, Wang C. Hybrid EDA-based optimal attitude control for a spacecraft in a class of control task. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 903–906.
- [136] Lv S, Wang S, Wang X. Emotional speech synthesis by XML file using interactive genetic algorithms. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 907–910.
- [137] Pa PS, Chang SC. Computational model design and performance estimation in registration brake control. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 911–914.
- [138] Peng Y, Luo X, Wei W. Discussion on convergence of a fuzzy adaptive simulated annealing genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 915–918.
- [139] Peng Y, Zhang D, Chin FY. A hybrid simulated annealing algorithm for container loading problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 919–928.
- [140] Yu B, Zeng S, Gao S, Yan Z, Shi Y, Yang X, Xiao B. A dynamic evolutionary algorithm and its application in automated antenna design. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 929–932.
- [141] Qi J, Shao S, Rong Z. Feedback-control modeling for cellular response mechanisms based on a gene regulatory networks under radiotherapy. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 933–936.
- [142] Qian X, Shengjing T, Jie G. Evolutionary algorithm for multi-objective optimization and its application in unmanned flight vehicle trajectory control. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 937–940.
- [143] Qin S. Log-optimal portfolio models with risk control of VaR and CVaR using genetic algorithms. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 941–944.
- [144] Sekaj I, Oravec M. Selected population characteristics of fine-grained parallel genetic algorithms with re-initialization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 945–948.
- [145] Shen Jh, Li Cx, Li Jh. Structural damping identification using analytic wavelet transformation. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 949–952.
- [146] Smith RE, Jiang MK. MILCS in protein structure prediction with default hierarchies. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 953–956.
- [147] Su B, Shen YD. Maximum margin transfer learning. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 957–960.
- [148] Sun S. Traffic flow forecasting based on multitask ensemble learning. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 961–964.

- [149] Sun X, Huang M, Wang X, Lu F. Distributed risk management model and algorithm for virtual enterprise with private information. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 965–968.
- [150] Tan L, Guo L. Quantum and biogeography based optimization for a class of combinatorial optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 969–972.
- [151] Tan Y, Zhao T, Zhao Z. Using GA-ANN algorithm to predicate coal bump energy. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 973–976.
- [152] Tang J, Alam S, Abbass H, Lokan C. Modelling and evolutionary multi-objective evaluation of interdependencies and work processes in airport operations. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 977–984.
- [153] Wang H, Qi H, Li W, Zhang G, Wang P. A GA-based automatic pore segmentation algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 985–988.
- [154] Wang J, Loo SM. Case study of finite resource optimization in FPGA using genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 989–992.
- [155] Wang LF, Zeng JC, Hong Y. Estimation of distribution algorithm based on archimedean copulas. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 993–996.
- [156] Wang Y, Wang J, Du W, Zhang C, Zhang Y, Zhou C. Parameters optimization of support vector regression based on immune particle swarm optimization algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 997–1000.
- [157] Wang Z, Liu JI, Yu X. Self-fertilization based genetic algorithm for university timetabling problem. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1001–1004.
- [158] Wen L, Liu G, Zhao Y. HS-Model: a hierarchical statistical subtree-generating model for genetic programming. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1005–1008.
- [159] Luo X, Peng Y, Wei W. Research on stronger convergence in probability of immune genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1009–1012.
- [160] Xie F, He S, Liu X, Li X, Du J, Yang J, Fu Y, Chen Y, Wang J, Liu Z, Zhu Q. To create neuro-controlled game opponent from UCT-created data. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1013–1016.
- [161] Xu Y, Deli Y, Yu L. Efficient annealing -inspired genetic algorithm for information retrieval from web-document. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1017–1020.
- [162] Xue S, Zeng J. Controlling swarm robots with kinematic constraints for target search. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1021–1024.
- [163] Yan T, Shen L, An P, Wang H, Zhang Z. Frame-layer rate control algorithm for multi-view video coding. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1025–1028.

- [164] Yang K, Ye J, Li Z, Qiao Y. Free hand sketch understanding using SVMs-chain modeling for spatial and temporal patterns. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1029–1032.
- [165] Yang Y, Xiaoping L, Yonggang P, Wei W. Research of fuzzy control strategy on artificial climate chest. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1033–1036.
- [166] Yong S, Zhimin L. Optimal multi-objective design of power system damping controller using synergy of bacterial forging and particle swarm optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1037–1040.
- [167] Yu YM, Zhao GQ, Liu JD. Hyperchaotic genetic algorithm theory and functions optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1041–1044.
- [168] Zeng W, Zhao Y, Zeng J. Cloud service and service selection algorithm research. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1045–1048.
- [169] Zhang L, Jiao YC, Li H, Zhang FS. Hybrid differential evolution and the simplified quadratic interpolation for global optimization. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1049–1052.
- [170] Zhang Q, Liu S, An P, Zhang Z. Object segmentation based on disparity estimation. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1053–1056.
- [171] Zhang Qb, Wu Th, Liu B. A weight based compact genetic algorithm. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1057–1060.
- [172] Zhao Y, Wang J, Song Y. An improved differential evolution to continuous domains and its convergence. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1061–1064.
- [173] Cao ZC, Qiao F, Wu QD. Ga based approach for optimized scheduling in a semiconductor wafer fabrication. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1065–1068.
- [174] Zhou Z, Zhongke S, Li Y. Study to short-term flow estimation at intersection base on genetic neural networks. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1073–1076.
- [175] Zhu M, Yang Y. An improved simulated annealing algorithm for vector quantizer design. In: *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM. 2009; pp. 1077–1080.