

## Список литературы

- [1] About the dynamics of essential genetic information: an empirical analysis for selected GA-variants / M. Affenzeller, A. Beham, S. Wagner, S. M. Winkler // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 787–790.
- [2] Agrawal, S. Grouping genetic algorithm for solving the serverconsolidation problem with conflicts / S. Agrawal, S. K. Bose, S. Sundarrajan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1–8.
- [3] An, J. Analysis of collision probability in vehicular ad hoc networks / J. An, X. Guo, Y. Yang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 791–794.
- [4] Bacterial foraging optimization algorithm with particle swarm optimization strategy for global numerical optimization / H. Shen, Y. Zhu, X. Zhou et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 497–504.
- [5] Becker, Y. L. Genetic programming for quantitative stock selection / Y. L. Becker, U.-M. O'Reilly // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 9–16.
- [6] Cai, Z.-s. A novel hierarchical decomposition for multi-player pursuit evasion differential game with superior evaders / Z.-s. Cai, L.-n. Sun, H.-b. Gao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 795–798.
- [7] Cao, Y. Search-based multi-paths test data generation for structure-oriented testing / Y. Cao, C. Hu, L. Li // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 25–32.
- [8] Cao, Z.-C. Ga based approach for optimized scheduling in a semiconductor wafer fabrication / Z.-C. Cao, F. Qiao, Q.-D. Wu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1065–1068.
- [9] Chaotic particle swarm optimization / Y. Sun, G. Qi, Z. Wang et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 505–510.
- [10] Chen, H. A hybrid neural-genetic approach for reconfigurable scheduling of networked control system / H. Chen, C. Zhou, W. Zhu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 33–38.
- [11] Chen, H. Optimal feature selection algorithm based on quantum-inspired clone genetic strategy in text categorization / H. Chen, B. Zou // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 799–802.
- [12] Chen, Q. Evolutionary multi-objective optimization algorithm based on global crowding diversity maintenance strategy / Q. Chen, S. Xiong, H. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 803–806.
- [13] Chen, Q. Particle swarm optimization algorithm based on dynamic memory strategy / Q. Chen, S. Xiong, H. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 55–60.

- [14] *Chen, S.-H.* Analysis of micro-behavior and bounded rationality in double auction markets using co-evolutionary GP / S.-H. Chen, R.-J. Zeng, T. Yu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 807–810.
- [15] *Chen, Z.* The non-clique particle swarm optimizer / Z. Chen, Z. He, C. Zhang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 61–66.
- [16] Classification of EEG signals using relative wavelet energy and artificial neural networks / L. Guo, D. Rivero, J. A. Seoane, A. Pazos // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 177–184.
- [17] The cloud-based framework for ant colony optimization / Z. Li, Y. Wang, K. K. Olivier et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 279–286.
- [18] A co-evolutionary approach for military operational analysis / C. C. Seng, C. C. Lian, L. K. M. Spencer, O. W. S. Darren // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 67–74.
- [19] Combinatorial effects of local structures and scoring metrics in bayesian optimization algorithm / H. Karshenas, A. Nikanjam, B. H. Helmi, A. T. Rahmani // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 263–270.
- [20] *Comellas, F.* Bumblebees: a multiagent combinatorial optimization algorithm inspired by social insect behaviour / F. Comellas, J. Martinez-Navarro // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 811–814.
- [21] Convergence analysis of gene expression programming based on maintaining elitist / X. Du, L. X. Ding, C. W. Xie et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 823–826.
- [22] *Cullen, J. S.* Evolutionary meta programming / J. S. Cullen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 81–88.
- [23] *Cullen, J. S.* Evolving common LISP programs in a linear-genotype evolutionary computation system / J. S. Cullen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 75–80.
- [24] *Dai, G.* Research on an orthogonal and model based multi-objective genetic algorithm / G. Dai, Y. Li, W. Zheng // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 815–818.
- [25] Decision of optimal scheduling scheme for gas field pipeline network based on hybrid genetic algorithm / W. Liu, M. Li, Y. Liu et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 369–374.
- [26] *Deng, R.* Ant colony optimization for precedence-constrained heterogeneous multiprocessor assignment problem / R. Deng, C. Jiang, F. Yin // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 89–96.
- [27] The design of three-motor intelligent synchronous decoupling control system / X. Liu, J. Hu, S. Teng et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 375–380.

- [28] Designing fair flow fuzzy controller using genetic algorithm for computer networks / W. Liu, M. Wu, J. Peng, G. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 361–368.
- [29] *Ding, G.* Solving the packing problem of rectangles with improved genetic algorithm based on statistical analysis / G. Ding, D. Li, L. Chen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 819–822.
- [30] *Ding, G.* Multi-strategy grouping genetic algorithm for the pickup and delivery problem with time windows / G. Ding, L. Li, Y. Ju // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 97–104.
- [31] Discrete differential evolution algorithm for the job shop scheduling problem / F. Liu, Y. Qi, Z. Xia, H. Hao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 879–882.
- [32] Distributed risk management model and algorithm for virtual enterprise with private information / X. Sun, M. Huang, X. Wang, F. Lu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 965–968.
- [33] *Dupuis, J.-F.* Evolved finite state controller for hybrid system / J.-F. Dupuis, Z. Fan, E. Goodman // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 105–112.
- [34] A dynamic evolutionary algorithm and its application in automated antenna design / B. Yu, S. Zeng, S. Gao et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 929–932.
- [35] DynamicTrust: three-dimensional dynamic computing model of trust in peer-to-peer networks / F. Liu, W. Zhang, Y. Ding et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 337–344.
- [36] *Fan, Q.* The effect of crossover on evolution ability of population / Q. Fan, P. Wang, J. Huang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 113–118.
- [37] *Fang, X.* Independent global constraints for web service composition based on GA and APN / X. Fang, C. Jiang, X. Fan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 119–126.
- [38] *Feng, Z.* Tabu-search for single machine scheduling with controllable processing times / Z. Feng, K. Xu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 127–134.
- [39] Frame-layer rate control algorithm for multi-view video coding / T. Yan, L. Shen, P. An et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1025–1028.
- [40] Free hand sketch understanding using SVMs-chain modeling for spatial and temporal patterns / K. Yang, J. Ye, Z. Li, Y. Qiao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1029–1032.
- [41] A GA-based automatic pore segmentation algorithm / H. Wang, H. Qi, W. Li et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 985–988.
- [42] *Gan, C.* Particle swarm optimization algorithm for emergency resource allocation on expressway / C. Gan, S. Ying-ying, Z. Cang-hui // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 135–140.

- [43] A genetic algorithm for solving fourth-party logistics routing optimizing problem with fuzzy duration time / M. Huang, Y. Cui, X. Wang, H. Dong // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 839–842.
- [44] A genetic approach to channel assignment for multi-radio multi-channel wireless mesh networks / J. Chen, J. Jia, Y. Wen et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 39–46.
- [45] *Gong, M.* Large-scale optimization using immune algorithm / M. Gong, L. Jiao, W. Ma // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 149–156.
- [46] *Gong, M.* Orthogonal immune algorithm with diversity-based selection for numerical optimization / M. Gong, L. Jiao, W. Ma // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 141–148.
- [47] *Gu, F.* A bounded diameter minimum spanning tree evolutionary algorithm based on double chromosome / F. Gu, H.-l. Liu, W. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 157–162.
- [48] *Gu, Q.* Binary particle swarm optimization based prediction of G-protein-coupled receptor families with feature selection / Q. Gu, Y. Ding // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 171–176.
- [49] Guided variable neighborhood harmony search for integrated charge planning in primary steel-making processes / M. Huang, H.-y. Dong, X.-w. Wang et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 231–238.
- [50] *Guo, J.-p.* Descriptive statistics of non-uniform interval symbolic data / J.-p. Guo, W.-h. Li, F. Gao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 831–834.
- [51] *Guo, Y.-n.* Cooperative interactive cultural algorithms adopting knowledge migration / Y.-n. Guo, J. Cheng, Y. Lin // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 193–200.
- [52] *Guo, Y.-n.* Path planning method for robots in complex ground environment based on cultural algorithm / Y.-n. Guo, M. Yang, J. Cheng // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 185–192.
- [53] Hierarchical oriented genetic algorithms for coverage path planning of multi-robot teams with load balancing / M. Ozkan, A. Yazici, M. Kapanoglu, O. Parlaktuna // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 451–458.
- [54] *Hongfeng, X.* Large scale function optimization or high-dimension function optimization in large using simplex-based genetic algorithm / X. Hongfeng, T. Guanzheng, H. Jingui // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 209–216.
- [55] *Hu, H.* Model-based compromise control of greenhouse climate using pareto optimization / H. Hu, L. Xu, Q. Hu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 217–222.

- [56] *Hu, Q.* Non-even spread NSGA-II and its application to conflicting multi-objective compatible control / Q. Hu, L. Xu, E. D. Goodman // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 223–230.
- [57] *Huang, F.* The optimum method on injection molding condition based on RBF network and ant colony algorithm / F. Huang, J. Gu, J. Xu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 835–838.
- [58] Hybrid differential evolution and the simplified quadratic interpolation for global optimization / L. Zhang, Y. C. Jiao, H. Li, F. S. Zhang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1049–1052.
- [59] Hybrid EDA-based optimal attitude control for a spacecraft in a class of control task / X. Luo, Z. Sun, X. Zhang et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 903–906.
- [60] A hybrid optimization algorithm for the job-shop scheduling problem / Q. Zhou, X. Cui, Z. Wang, B. Yang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 757–764.
- [61] An improved quantum genetic algorithm for stochastic flexible scheduling problem with breakdown / J. Gu, C. Cao, B. Jiao, X. Gu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 163–170.
- [62] An improved quantum genetic algorithm for stochastic job shop problem / J. Gu, C. Cao, B. Jiao, X. Gu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 827–830.
- [63] Intrinsic evolution of digital circuits using evolutionary algorithms / G. He, Y. Li, Z. Shi, T. Hu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 201–208.
- [64] *Jiang, F.* The impact of network topology on self-organizing maps / F. Jiang, H. Berry, M. Schoenauer // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 247–254.
- [65] *Jiang, H.* Research on flight test calibration strategy based on data fusion / H. Jiang, Z. Yuan, Y. Zhao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 843–846.
- [66] *Kim, Y.-H.* Representation and recombination over nonsingular binary matrices / Y.-H. Kim, Y. Yoon // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 855–858.
- [67] *Korns, M. F.* Symbolic regression using abstract expression grammars / M. F. Korns // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 859–862.
- [68] *Li, L.* Synchronization analysis and control in chaos system based on complex network / L. Li, F. Kong // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 863–866.
- [69] *Li, L.-p.* Hybrid algorithms based on harmony search and differential evolution for global optimization / L.-p. Li, L. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 271–278.

- [70] *Li, X.* Research on multi-supplier performance measurement based on genetic ant colony algorithm / X. Li, Z. Mao, E. Qi // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 867–870.
- [71] *Liang, Y.* Global path planning for mobile robot based genetic algorithm and modified simulated annealing algorithm / Y. Liang, L. Xu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 303–308.
- [72] *Liang, Y.* Mobile robot global path planning using hybrid modified simulated annealing optimization algorithm / Y. Liang, L. Xu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 309–314.
- [73] *Lin, C.* An immune algorithm for complex fuzzy cognitive map partitioning / C. Lin // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 315–320.
- [74] *Liu, B.* A collaborative optimized genetic algorithm based on regulation mechanism of neuroendocrine-immune system / B. Liu, Y. Ding, J. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 329–336.
- [75] *Liu, C.* Image based reconstruction using hybrid optimization of simulated annealing and genetic algorithm / C. Liu, W. Wan, Y. Wu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 875–878.
- [76] *Liu, H.* Training fuzzy support vector machines by using boundary of rough set / H. Liu, S. Xiong, Q. Chen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 883–886.
- [77] *Liu, J.* SRDE: an improved differential evolution based on stochastic ranking / J. Liu, Z. Fan, E. Goodman // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 345–352.
- [78] *Liu, S.* Segmentation of multispectral remote sensing images based on ant colony optimization algorithm / S. Liu, Y.-y. Qiao, Q.-k. Wen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 891–894.
- [79] *Liu, Y.* Hybrid simulated annealing algorithm based on adaptive cooling schedule for TSP / Y. Liu, S. Xiong, H. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 895–898.
- [80] *Liu, Y.* A simulated annealing algorithm with a new neighborhood structure for the timetabling problem / Y. Liu, D. Zhang, S. C. Leung // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 381–386.
- [81] *A low cost hardware oriented motion estimation algorithm for HDTV / H. Wang, G. Teng, Z. Zhang, G. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 529–536.*
- [82] *Lu, Q.* A discrete particle swarm optimization algorithm with fully communicated information / Q. Lu, X.-n. Qiu, S.-r. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 393–400.
- [83] *Luh, G.-C.* Face recognition using immune network based on principal component analysis / G.-C. Luh, C.-C. Hsieh // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 401–408.

- [84] *Luo, X.* Research on stronger convergence in probability of immune genetic algorithm / X. Luo, Y. Peng, W. Wei // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1009–1012.
- [85] *lv, S.* Emotional speech synthesis by XML file using interactive genetic algorithms / S. Lv, S. Wang, X. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 907–910.
- [86] *Ma, X.* Kernel-based immunity synergetic network for image classification / X. Ma, G. Mu, X. Yu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 409–414.
- [87] *Ma, X.* Spectral clustering ensemble for image segmentation / X. Ma, W. Wan, L. Jiao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 415–420.
- [88] *Min, H.* Fuzzy CMAC with automatic state partition for reinforcement learning / H. Min, J. Zeng, R. Luo // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 421–428.
- [89] Modeling and extending lifetime of wireless sensor networks using genetic algorithm / J. Chen, J. Jia, Y. Wen et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 47–54.
- [90] Modelling and evolutionary multi-objective evaluation of interdependencies and work processes in airport operations / J. Tang, S. Alam, H. Abbass, C. Lokan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 977–984.
- [91] Multi-objective particle swarm optimization algorithm based on game strategies / Z. Li, S. Liu, D. Xiao et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 287–294.
- [92] Multi-swarm particle swarm optimization based risk management model for virtual enterprise / F.-Q. LU, M. Huang, W.-K. Ching et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 387–392.
- [93] *Mushi, J. C.* SO-antnet for improving load sharing in MANET / J. C. Mushi, G. Tan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 429–436.
- [94] A new multimedia information data mining method / J. Longcun, W. Wanggen, C. Bin et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 899–902.
- [95] Object segmentation based on disparity estimation / Q. Zhang, S. Liu, P. An, Z. Zhang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1053–1056.
- [96] On average time complexity of evolutionary negative selection algorithms for anomaly detection / B. Xu, W. Luo, X. Pei et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 631–638.
- [97] Optimizing constrained non-convex NLP problems in chemical engineering field by a novel modified goal programming genetic algorithm / C. Cao, J. Gu, B. Jiao et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 17–24.
- [98] *Otsuki, A.* The study of the knowledge optimization tool / A. Otsuki, K. Okada // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 443–450.

- [99] *Pa, P. S.* Computational model design and performance estimation in registration brake control / P. S. Pa, S. C. Chang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 911–914.
- [100] *Pan, F.* A multi-objective-based non-stationary UAV assignment model for constraints handling using PSO / F. Pan, G. Wang, Y. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 459–466.
- [101] Parameter estimation for asymptotic regression model by particle swarm optimization / X. Xu, Y. Li, Y. Wu, X. Du // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 679–686.
- [102] Parameters optimization of support vector regression based on immune particle swarm optimization algorithm / Y. Wang, J. Wang, W. Du et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 997–1000.
- [103] Parameters optimization on dent around fuel filler of auto rear fender based on intelligent algorithm / J. Lin, S. Chen, Y. Cao, H. Guan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 321–328.
- [104] *Parsopoulos, K. E.* Cooperative micro-particle swarm optimization / K. E. Parsopoulos // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 467–474.
- [105] *Peng, Y.* Discussion on convergence of a fuzzy adaptive simulated annealing genetic algorithm / Y. Peng, X. Luo, W. Wei // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 915–918.
- [106] *Peng, Y.* A hybrid simulated annealing algorithm for container loading problem / Y. Peng, D. Zhang, F. Y. Chin // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 919–928.
- [107] A proposed modularized DNA computer, based on biochips / Y. Zhu, Y. Ding, W. Li, G. Kemp // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 773–780.
- [108] *Pullan, W.* A population based hybrid meta-heuristic for the uncapacitated facility location problem / W. Pullan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 475–482.
- [109] *Qi, J.* Feedback-control modeling for cellular response mechanisms based on a gene regulatory networks under radiotherapy / J. Qi, S. Shao, Z. Rong // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 933–936.
- [110] *Qian, X.* Evolutionary algorithm for multi-objective optimization and its application in unmanned flight vehicle trajectory control / X. Qian, T. Shengjing, G. Jie // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 937–940.
- [111] *Qin, S.* Log-optimal portfolio models with risk control of VaR and CVaR using genetic algorithms / S. Qin // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 941–944.
- [112] *Qiu, X.* Target tracking and localization of binocular mobile robot using camshift and SIFT / X. Qiu, Q. Lu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 483–488.



- [113] Quantum evolutionary algorithm for multi-robot coalition formation / Z. Li, B. Xu, L. Yang et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 295–302.
- [114] Quantum-inspired evolutionary clustering algorithm based on manifold distance / Y. Li, H. Shi, M. Gong, R. Shang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 871–874.
- [115] A real-time schedule method for aircraft landing scheduling problem based on cellular automaton / S. Yu, X. Cao, M. Hu et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 717–724.
- [116] Research of fuzzy control strategy on artificial climate chest / Y. Yang, L. Xiaoping, P. Yonggang, W. Wei // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1033–1036.
- [117] Research on job shop scheduling under uncertainty / Z. Xu, X. Gu, B. Jiao, J. Gu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 695–702.
- [118] Restoration of coverage blind spots in wireless sensor networks based on ant colony algorithm / L. Jin, J. Jia, G. Chang, X. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 847–850.
- [119] *Rokhlenko, O.* Embedded self-adaptation to escape from local optima / O. Rokhlenko, Y. Wexler // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 489–496.
- [120] *Sekaj, I.* Selected population characteristics of fine-grained parallel genetic algorithms with re-initialization / I. Sekaj, M. Oravec // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 945–948.
- [121] SGMIT: using selfish gene theory to construct mutualinformation trees for optimization / F. Wang, Z. Lin, C. Yang, Y. Li // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 521–528.
- [122] *Shen, J.-h.* Structural damping identification using analytic wavelet transformation / J.-h. Shen, C.-x. Li, J.-h. Li // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 949–952.
- [123] *Smith, R. E.* MILCS in protein structure prediction with default hierarchies / R. E. Smith, M. K. Jiang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 953–956.
- [124] Space transformation search: a new evolutionary technique / H. Wang, Z. Wu, Y. Liu et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 537–544.
- [125] Stochastic ranking based differential evolution algorithm for constrained optimization problem / R. Liu, Y. Li, W. Zhang, L. Jiao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 887–890.
- [126] *Su, B.* Maximum margin transfer learning / B. Su, Y.-D. Shen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 957–960.
- [127] *Sun, S.* Traffic flow forecasting based on multitask ensemble learning / S. Sun // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 961–964.

- [128] *Tan, L.* Quantum and biogeography based optimization for a class of combinatorial optimization / L. Tan, L. Guo // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 969–972.
- [129] *Tan, Y.* Using GA-ANN algorithm to predicate coal bump energy / Y. Tan, T. Zhao, Z. Zhao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 973–976.
- [130] To create neuro-controlled game opponent from UCT-created data / F. Xie, S. He, X. Liu et al. // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1013–1016.
- [131] *Unachak, P.* Adaptive representation for flexible job-shop scheduling and rescheduling / P. Unachak, E. Goodman // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 511–516.
- [132] University course timetable planning using hybrid particle swarm optimization / H. S. F. Irene, S. Deris, M. Hashim, S. Zaiton // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 239–246.
- [133] Virus-evolutionary genetic algorithm based selective ensemble classifier for pedestrian detection / B. Ning, X. Cao, Y. Xu, J. Zhang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 437–442.
- [134] *Wan, S.* Research on VRP using advanced probability learning based evolutionary algorithm / S. Wan, Y. Hao, D. Qiu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 517–520.
- [135] *Wang, J.* Case study of finite resource optimization in FPGA using genetic algorithm / J. Wang, S. M. Loo // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 989–992.
- [136] *Wang, L.* A novel quantum-inspired pseudorandom proportional evolutionary algorithm for the multidimensional knapsack problem / L. Wang, X. Wang, M. Fei // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 545–552.
- [137] *Wang, L.-F.* Estimation of distribution algorithm based on archimedean copulas / L.-F. Wang, J.-C. Zeng, Y. Hong // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 993–996.
- [138] *Wang, X.* Rough set approximate entropy reducts with order based particle swarm optimization / X. Wang, W. Wan, X. Yu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 553–560.
- [139] *Wang, Y.-f.* Nodes localization in sensor networks based on vectors and particle swarm optimization / Y.-f. Wang, Y. Wang, C.-y. Mu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 561–564.
- [140] *Wang, Z.* Self-fertilization based genetic algorithm for university timetabling problem / Z. Wang, J.-l. Liu, X. Yu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1001–1004.
- [141] *Wang, Z.-L.* A novel robust background modeling algorithm for complex natural scenes / Z.-L. Wang, Z.-H. Chen, H.-Y. Chen // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 565–570.
- [142] *Weihua, D.* Dynamic output feedback control of uncertain networked control systems / D. Weihua, F. Minrui // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 571–576.

- [143] *Weise, T.* Evolving distributed algorithms with genetic programming: election / T. Weise, M. Zapf // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 577–584.
- [144] *Wen, L.* HS-Model: a hierarchical statistical subtree-generating model for genetic programming / L. Wen, G. Liu, Y. Zhao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1005–1008.
- [145] *Woodward, J. R.* Canonical representation genetic programming / J. R. Woodward, R. Bai // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 585–592.
- [146] *Woodward, J. R.* Why evolution is not a good paradigm for program induction: a critique of genetic programming / J. R. Woodward, R. Bai // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 593–600.
- [147] *Wu, C.-Y.* Topology optimization of structures using ant colony optimization / C.-Y. Wu, C.-B. Zhang, C.-J. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 601–608.
- [148] *Xie, L.* The stability study of biped robot based on GA and neural network / L. Xie, Z. Wang, K. Wu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 617–622.
- [149] *Xie, L.-P.* A global optimization based on physicomimetics framework / L.-P. Xie, J.-C. Zeng // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 609–616.
- [150] *Xin, B.* Problem difficulty analysis for particle swarm optimization: deception and modality / B. Xin, J. Chen, F. Pan // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 623–630.
- [151] *Xu, H.-q.* Adaptive immune genetic algorithm for logic circuit design / H.-q. Xu, Y.-s. Ding, Z.-h. Hu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 639–644.
- [152] *Xu, L.* Energy-saving control of greenhouse climate based on MOCC strategy / L. Xu, H. Hu, B. Zhu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 645–650.
- [153] *Xu, L.* An improved MOCC with feedback control structure based on preference / L. Xu, B. Zhu, E. D. Goodman // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 651–656.
- [154] *Xu, Q.* Association based immune network for multimodal function optimization / Q. Xu, J. Si, L. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 657–664.
- [155] *Xu, S.* A genetic algorithm-based feature selection method for human identification based on ground reaction force / S. Xu, X. Zhou, Y.-n. Sun // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 665–670.
- [156] *Xu, W.* A hybrid particle swarm optimization approach with prior crossover differential evolution / W. Xu, X. Gu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 671–678.
- [157] *Xu, Y.* Efficient annealing -inspired genetic algorithm for information retrieval from web-document / Y. Xu, Y. Deli, L. Yu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1017–1020.

- [158] *Xu, Y.* Enhancing automated red teaming with evolvable simulation / Y. Xu, M. Y. H. Low, C. S. Choo // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 687–694.
- [159] *Xue, S.* Controlling swarm robots with kinematic constraints for target search / S. Xue, J. Zeng // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1021–1024.
- [160] *Yan, P.* PSO algorithm for a scheduling parallel unit batch process with batching / P. Yan, L. Tang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 703–708.
- [161] *Yan, S.* Design and analysis of switching full-order current observer and separation principle for T-S fuzzy system / S. Yan, Z. Sun // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 709–716.
- [162] *Yong, S.* Optimal multi-objective design of power system damping controller using synergy of bacterial forging and particle swarm optimization / S. Yong, L. Zhimin // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1037–1040.
- [163] *Yu, Y.-M.* Hyperchaotic genetic algorithm theory and functions optimization / Y.-M. Yu, G.-Q. Zhao, J.-D. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1041–1044.
- [164] *Yuan, R.* A parallel evolutionary algorithm for optimal pulse-width modulation technique in power systems / R. Yuan, X. Zou, C. Xu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 725–730.
- [165] *Zeng, L.* Mathematical model and hybrid particle swarm optimization for flexible job-shop scheduling problem / L. Zeng, F. Zou, X. Xu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 731–736.
- [166] *Zeng, W.* Cloud service and service selection algorithm research / W. Zeng, Y. Zhao, J. Zeng // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1045–1048.
- [167] *Zhang, M.* A novel sexual adaptive genetic algorithm based on two-step evolutionary scenario of baldwin effect and analysis of global convergence / M. Zhang, S. Zhao, X. Wang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 737–744.
- [168] *Zhang, Q.-b.* A weight based compact genetic algorithm / Q.-b. Zhang, T.-h. Wu, B. Liu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1057–1060.
- [169] *Zhang, S.-P.* An immune evolutionary algorithm based pose estimation method for parallel manipulator / S.-P. Zhang, Y.-S. Ding, K.-R. Hao // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 745–750.
- [170] *Zhang, X.-f.* An immune co-evolutionary algorithm based approach for optimization control of gas turbine / X.-f. Zhang, J. Liu, Y.-s. Ding // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 751–756.
- [171] *Zhao, Y.* An improved differential evolution to continuous domains and its convergence / Y. Zhao, J. Wang, Y. Song // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1061–1064.

- [172] *Zhou, Z.* Study to short-term flow estimation at intersection base on genetic neural networks / Z. Zhou, S. Zhongke, Y. Li // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1073–1076.
- [173] *Zhu, M.* An improved simulated annealing algorithm for vector quantizer design / M. Zhu, Y. Yang // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 1077–1080.
- [174] *Zhu, W.* A study of parallel evolution strategy: pattern search on a GPU computing platform / W. Zhu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 765–772.
- [175] *Zhuo, J.* Study of cache placement for time-shifted TV cluster using genetic algorithm / J. Zhuo, J. Li, G. Wu // GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation. — New York, NY, USA : ACM, 2009. — P. 781–786.