

## Список литературы

- [1] S. Agrawal, S. K. Bose, and S. Sundarrajan, 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*, pp. 1–8, New York, NY, USA, 2009, ACM.
- [2] Y. L. Becker and U.-M. O'Reilly, Genetic programming for quantitative stock selection, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 9–16, New York, NY, USA, 2009, ACM.
- [3] C. Cao, J. Gu, B. Jiao, Z. Xin, and X. Gu, 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*, pp. 17–24, New York, NY, USA, 2009, ACM.
- [4] Y. Cao, C. Hu, and L. Li, 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*, pp. 25–32, New York, NY, USA, 2009, ACM.
- [5] H. Chen, C. Zhou, and W. Zhu, 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*, pp. 33–38, New York, NY, USA, 2009, ACM.
- [6] J. Chen, J. Jia, Y. Wen, D. zhao, and J. Liu, 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*, pp. 39–46, New York, NY, USA, 2009, ACM.
- [7] J. Chen, J. Jia, Y. Wen, D. Zhao, and J. Liu, 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*, pp. 47–54, New York, NY, USA, 2009, ACM.
- [8] Q. Chen, S. Xiong, and H. Liu, Particle swarm optimization algorithm based on dynamic memory strategy, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 55–60, New York, NY, USA, 2009, ACM.
- [9] Z. Chen, Z. He, and C. Zhang, The non-clique particle swarm optimizer, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 61–66, New York, NY, USA, 2009, ACM.
- [10] C. C. Seng, C. C. Lian, L. K. M. Spencer, and O. W. S. Darren, A co-evolutionary approach for military operational analysis, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 67–74, New York, NY, USA, 2009, ACM.
- [11] J. S. Cullen, 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*, pp. 75–80, New York, NY, USA, 2009, ACM.
- [12] J. S. Cullen, Evolutionary meta programming, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 81–88, New York, NY, USA, 2009, ACM.
- [13] R. Deng, C. Jiang, and F. Yin, 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*, pp. 89–96, New York, NY, USA, 2009, ACM.
- [14] G. Ding, L. Li, and Y. Ju, 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*, pp. 97–104, New York, NY, USA, 2009, ACM.
- [15] J.-F. Dupuis, Z. Fan, and E. Goodman, Evolved finite state controller for hybrid system, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 105–112, New York, NY, USA, 2009, ACM.

- [16] Q. Fan, P. Wang, and J. Huang, The effect of crossover on evolution ability of population, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 113–118, New York, NY, USA, 2009, ACM.
- [17] X. Fang, C. Jiang, and X. Fan, 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*, pp. 119–126, New York, NY, USA, 2009, ACM.
- [18] Z. Feng and K. Xu, 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*, pp. 127–134, New York, NY, USA, 2009, ACM.
- [19] C. Gan, S. Ying-ying, and Z. Cang-hui, 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*, pp. 135–140, New York, NY, USA, 2009, ACM.
- [20] M. Gong, L. Jiao, and W. Ma, 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*, pp. 141–148, New York, NY, USA, 2009, ACM.
- [21] M. Gong, L. Jiao, and W. Ma, Large-scale optimization using immune algorithm, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 149–156, New York, NY, USA, 2009, ACM.
- [22] F. Gu, H.-l. Liu, and W. Liu, 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*, pp. 157–162, New York, NY, USA, 2009, ACM.
- [23] J. Gu, C. Cao, B. Jiao, and X. Gu, 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*, pp. 163–170, New York, NY, USA, 2009, ACM.
- [24] Q. Gu and Y. Ding, 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*, pp. 171–176, New York, NY, USA, 2009, ACM.
- [25] L. Guo, D. Rivero, J. A. Seoane, and A. Pazos, 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*, pp. 177–184, New York, NY, USA, 2009, ACM.
- [26] Y.-n. Guo, M. Yang, and J. Cheng, 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*, pp. 185–192, New York, NY, USA, 2009, ACM.
- [27] Y.-n. Guo, J. Cheng, and Y. Lin, Cooperative interactive cultural algorithms adopting knowledge migration, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 193–200, New York, NY, USA, 2009, ACM.
- [28] G. He, Y. Li, Z. Shi, and T. Hu, Intrinsic evolution of digital circuits using evolutionary algorithms, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 201–208, New York, NY, USA, 2009, ACM.
- [29] X. Hongfeng, T. Guanzheng, and H. Jingui, 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*, pp. 209–216, New York, NY, USA, 2009, ACM.
- [30] H. Hu, L. Xu, and Q. Hu, 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*, pp. 217–222, New York, NY, USA, 2009, ACM.

- [31] Q. Hu, L. Xu, and E. D. Goodman, 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*, pp. 223–230, New York, NY, USA, 2009, ACM.
- [32] M. Huang, H.-y. Dong, X.-w. Wang, B.-l. Zheng, and W. H. Ip, 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*, pp. 231–238, New York, NY, USA, 2009, ACM.
- [33] H. S. F. Irene, S. Deris, M. Hashim, and S. Zaiton, University course timetable planning using hybrid particle swarm optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 239–246, New York, NY, USA, 2009, ACM.
- [34] F. Jiang, H. Berry, and M. Schoenauer, The impact of network topology on self-organizing maps, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 247–254, New York, NY, USA, 2009, ACM.
- [35] H. Karshenas, A. Nikanjam, B. H. Helmi, and A. T. Rahmani, 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*, pp. 263–270, New York, NY, USA, 2009, ACM.
- [36] L.-p. Li and L. Wang, 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*, pp. 271–278, New York, NY, USA, 2009, ACM.
- [37] Z. Li, Y. Wang, K. K. Olivier, J. Chen, and K. Li, The cloud-based framework for ant colony optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 279–286, New York, NY, USA, 2009, ACM.
- [38] Z. Li, S. Liu, D. Xiao, J. Chen, and K. Li, 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*, pp. 287–294, New York, NY, USA, 2009, ACM.
- [39] Z. Li, B. Xu, L. Yang, J. Chen, and K. Li, Quantum evolutionary algorithm for multi-robot coalition formation, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 295–302, New York, NY, USA, 2009, ACM.
- [40] Y. Liang and L. Xu, 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*, pp. 303–308, New York, NY, USA, 2009, ACM.
- [41] Y. Liang and L. Xu, 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*, pp. 309–314, New York, NY, USA, 2009, ACM.
- [42] C. Lin, An immune algorithm for complex fuzzy cognitive map partitioning, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 315–320, New York, NY, USA, 2009, ACM.
- [43] J. Lin, S. Chen, Y. Cao, and H. Guan, 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*, pp. 321–328, New York, NY, USA, 2009, ACM.
- [44] B. Liu, Y. Ding, and J. Wang, 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*, pp. 329–336, New York, NY, USA, 2009, ACM.

- [45] F. Liu, W. Zhang, Y. Ding, X. Liu, M. Zheng, and Y. Liu, 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*, pp. 337–344, New York, NY, USA, 2009, ACM.
- [46] J. Liu, Z. Fan, and E. Goodman, Srde: an improved differential evolution based on stochastic ranking, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 345–352, New York, NY, USA, 2009, ACM.
- [47] W. Liu, M. Wu, J. Peng, and G. Wang, 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*, pp. 361–368, New York, NY, USA, 2009, ACM.
- [48] W. Liu, M. Li, Y. Liu, Y. Xu, and X. Yang, 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*, pp. 369–374, New York, NY, USA, 2009, ACM.
- [49] X. Liu, J. Hu, S. Teng, L. Zhao, and G. Liu, 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*, pp. 375–380, New York, NY, USA, 2009, ACM.
- [50] Y. Liu, D. Zhang, and S. C. Leung, 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*, pp. 381–386, New York, NY, USA, 2009, ACM.
- [51] F.-Q. LU, M. Huang, W.-K. Ching, X.-W. Wang, and X.-l. Sun, 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*, pp. 387–392, New York, NY, USA, 2009, ACM.
- [52] Q. Lu, X.-n. Qiu, and S.-r. Liu, 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*, pp. 393–400, New York, NY, USA, 2009, ACM.
- [53] G.-C. Luh and C.-C. Hsieh, 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*, pp. 401–408, New York, NY, USA, 2009, ACM.
- [54] X. Ma, G. Mu, and X. Yu, Kernel-based immunity synergetic network for image classification, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 409–414, New York, NY, USA, 2009, ACM.
- [55] X. Ma, W. Wan, and L. Jiao, Spectral clustering ensemble for image segmentation, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 415–420, New York, NY, USA, 2009, ACM.
- [56] H. Min, J. Zeng, and R. Luo, Fuzzy cmac with automatic state partition for reinforcement learning, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 421–428, New York, NY, USA, 2009, ACM.
- [57] J. C. Mushi and G. Tan, So-antnet for improving load sharing in manet, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 429–436, New York, NY, USA, 2009, ACM.
- [58] B. Ning, X. Cao, Y. Xu, and J. Zhang, 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*, pp. 437–442, New York, NY, USA, 2009, ACM.

- [59] A. Otsuki and K. Okada, The study of the knowledge optimization tool, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 443–450, New York, NY, USA, 2009, ACM.
- [60] M. Ozkan, A. Yazici, M. Kapanoglu, and O. Parlaktuna, 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*, pp. 451–458, New York, NY, USA, 2009, ACM.
- [61] F. Pan, G. Wang, and Y. Liu, 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*, pp. 459–466, New York, NY, USA, 2009, ACM.
- [62] K. E. Parsopoulos, Cooperative micro-particle swarm optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 467–474, New York, NY, USA, 2009, ACM.
- [63] W. Pullan, 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*, pp. 475–482, New York, NY, USA, 2009, ACM.
- [64] X. Qiu and Q. Lu, 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*, pp. 483–488, New York, NY, USA, 2009, ACM.
- [65] O. Rokhlenko and Y. Wexler, Embedded self-adaptation to escape from local optima, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 489–496, New York, NY, USA, 2009, ACM.
- [66] H. Shen, Y. Zhu, X. Zhou, H. Guo, and C. Chang, 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*, pp. 497–504, New York, NY, USA, 2009, ACM.
- [67] Y. Sun, G. Qi, Z. Wang, B. J. van Wyk, and Y. Hamam, Chaotic particle swarm optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 505–510, New York, NY, USA, 2009, ACM.
- [68] P. Unachak and E. Goodman, Adaptive representation for flexible job-shop scheduling and rescheduling, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 511–516, New York, NY, USA, 2009, ACM.
- [69] S. Wan, Y. Hao, and D. Qiu, 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*, pp. 517–520, New York, NY, USA, 2009, ACM.
- [70] F. Wang, Z. Lin, C. Yang, and Y. Li, 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*, pp. 521–528, New York, NY, USA, 2009, ACM.
- [71] H. Wang, G. Teng, Z. Zhang, and G. Wang, 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*, pp. 529–536, New York, NY, USA, 2009, ACM.
- [72] H. Wang, Z. Wu, Y. Liu, J. Wang, D. Jiang, and L. Chen, Space transformation search: a new evolutionary technique, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 537–544, New York, NY, USA, 2009, ACM.
- [73] L. Wang, X. Wang, and M. Fei, 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*, pp. 545–552, New York, NY, USA, 2009, ACM.

- [74] X. Wang, W. Wan, and X. Yu, 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*, pp. 553–560, New York, NY, USA, 2009, ACM.
- [75] Y.-f. Wang, Y. Wang, and C.-y. Mu, 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*, pp. 561–564, New York, NY, USA, 2009, ACM.
- [76] Z.-L. Wang, Z.-H. Chen, and H.-Y. Chen, 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*, pp. 565–570, New York, NY, USA, 2009, ACM.
- [77] D. Weihua and F. Minrui, Dynamic output feedback control of uncertain networked control systems, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 571–576, New York, NY, USA, 2009, ACM.
- [78] T. Weise and M. Zapf, Evolving distributed algorithms with genetic programming: election, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 577–584, New York, NY, USA, 2009, ACM.
- [79] J. R. Woodward and R. Bai, Canonical representation genetic programming, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 585–592, New York, NY, USA, 2009, ACM.
- [80] J. R. Woodward and R. Bai, 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*, pp. 593–600, New York, NY, USA, 2009, ACM.
- [81] C.-Y. Wu, C.-B. Zhang, and C.-J. Wang, Topology optimization of structures using ant colony optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 601–608, New York, NY, USA, 2009, ACM.
- [82] L.-P. Xie and J.-C. Zeng, A global optimization based on physicomimetics framework, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 609–616, New York, NY, USA, 2009, ACM.
- [83] L. Xie, Z. Wang, and K. Wu, 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*, pp. 617–622, New York, NY, USA, 2009, ACM.
- [84] B. Xin, J. Chen, and F. Pan, 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*, pp. 623–630, New York, NY, USA, 2009, ACM.
- [85] B. Xu, W. Luo, X. Pei, M. Zhang, and X. Wang, 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*, pp. 631–638, New York, NY, USA, 2009, ACM.
- [86] H.-q. Xu, Y.-s. Ding, and Z.-h. Hu, Adaptive immune genetic algorithm for logic circuit design, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 639–644, New York, NY, USA, 2009, ACM.
- [87] L. Xu, H. Hu, and B. Zhu, 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*, pp. 645–650, New York, NY, USA, 2009, ACM.
- [88] L. Xu, B. Zhu, and E. D. Goodman, 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*, pp. 651–656, New York, NY, USA, 2009, ACM.

- [89] Q. Xu, J. Si, and L. Wang, Association based immune network for multimodal function optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 657–664, New York, NY, USA, 2009, ACM.
- [90] S. Xu, X. Zhou, and Y.-n. Sun, 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*, pp. 665–670, New York, NY, USA, 2009, ACM.
- [91] W. Xu and X. Gu, 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*, pp. 671–678, New York, NY, USA, 2009, ACM.
- [92] X. Xu, Y. Li, Y. Wu, and X. Du, 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*, pp. 679–686, New York, NY, USA, 2009, ACM.
- [93] Y. Xu, M. Y. H. Low, and C. S. Choo, Enhancing automated red teaming with evolvable simulation, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 687–694, New York, NY, USA, 2009, ACM.
- [94] Z. Xu, X. Gu, B. Jiao, and J. Gu, Research on job shop scheduling under uncertainty, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 695–702, New York, NY, USA, 2009, ACM.
- [95] P. Yan and L. Tang, 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*, pp. 703–708, New York, NY, USA, 2009, ACM.
- [96] S. Yan and Z. Sun, 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*, pp. 709–716, New York, NY, USA, 2009, ACM.
- [97] S. Yu, X. Cao, M. Hu, W. Du, and J. Zhang, 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*, pp. 717–724, New York, NY, USA, 2009, ACM.
- [98] R. Yuan, X. Zou, and C. Xu, 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*, pp. 725–730, New York, NY, USA, 2009, ACM.
- [99] L. Zeng, F. Zou, and X. Xu, 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*, pp. 731–736, New York, NY, USA, 2009, ACM.
- [100] M. Zhang, S. Zhao, and X. Wang, 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*, pp. 737–744, New York, NY, USA, 2009, ACM.
- [101] S.-P. Zhang, Y.-S. Ding, and K.-R. Hao, 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*, pp. 745–750, New York, NY, USA, 2009, ACM.
- [102] X.-f. Zhang, J. Liu, and Y.-s. Ding, 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*, pp. 751–756, New York, NY, USA, 2009, ACM.

- [103] Q. Zhou, X. Cui, Z. Wang, and B. Yang, 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*, pp. 757–764, New York, NY, USA, 2009, ACM.
- [104] W. Zhu, 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*, pp. 765–772, New York, NY, USA, 2009, ACM.
- [105] Y. Zhu, Y. Ding, W. Li, and G. Kemp, A proposed modularized dna computer, based on biochips, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 773–780, New York, NY, USA, 2009, ACM.
- [106] J. Zhuo, J. Li, and G. Wu, 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*, pp. 781–786, New York, NY, USA, 2009, ACM.
- [107] M. Affenzeller, A. Beham, S. Wagner, and S. M. Winkler, 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*, pp. 787–790, New York, NY, USA, 2009, ACM.
- [108] J. An, X. Guo, and Y. Yang, Analysis of collision probability in vehicular ad hoc networks, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 791–794, New York, NY, USA, 2009, ACM.
- [109] Z.-s. Cai, L.-n. Sun, and H.-b. Gao, 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*, pp. 795–798, New York, NY, USA, 2009, ACM.
- [110] H. Chen and B. Zou, 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*, pp. 799–802, New York, NY, USA, 2009, ACM.
- [111] Q. Chen, S. Xiong, and H. Liu, 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*, pp. 803–806, New York, NY, USA, 2009, ACM.
- [112] S.-H. Chen, R.-J. Zeng, and T. Yu, 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*, pp. 807–810, New York, NY, USA, 2009, ACM.
- [113] F. Comellas and J. Martinez-Navarro, 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*, pp. 811–814, New York, NY, USA, 2009, ACM.
- [114] G. Dai, Y. Li, and W. Zheng, 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*, pp. 815–818, New York, NY, USA, 2009, ACM.
- [115] G. Ding, D. Li, and L. Chen, 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*, pp. 819–822, New York, NY, USA, 2009, ACM.



- [116] X. Du, L. X. Ding, C. W. Xie, X. Xu, S. w. Wang, and L. Chen, 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*, pp. 823–826, New York, NY, USA, 2009, ACM.
- [117] J. Gu, C. Cao, B. Jiao, and X. Gu, 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*, pp. 827–830, New York, NY, USA, 2009, ACM.
- [118] J.-p. Guo, W.-h. Li, and F. Gao, Descriptive statistics of non-uniform interval symbolic data, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 831–834, New York, NY, USA, 2009, ACM.
- [119] F. Huang, J. Gu, and J. Xu, The optimum method on injection molding condition based on rbfi network and ant colony algorithm, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 835–838, New York, NY, USA, 2009, ACM.
- [120] M. Huang, Y. Cui, X. Wang, and H. Dong, 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*, pp. 839–842, New York, NY, USA, 2009, ACM.
- [121] H. Jiang, Z. Yuan, and Y. Zhao, 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*, pp. 843–846, New York, NY, USA, 2009, ACM.
- [122] L. Jin, J. Jia, G. Chang, and X. Wang, 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*, pp. 847–850, New York, NY, USA, 2009, ACM.
- [123] Y.-H. Kim and Y. Yoon, Representation and recombination over nonsingular binary matrices, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 855–858, New York, NY, USA, 2009, ACM.
- [124] M. F. Kornš, Symbolic regression using abstract expression grammars, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 859–862, New York, NY, USA, 2009, ACM.
- [125] L. Li and F. Kong, 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*, pp. 863–866, New York, NY, USA, 2009, ACM.
- [126] X. Li, Z. Mao, and E. Qi, 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*, pp. 867–870, New York, NY, USA, 2009, ACM.
- [127] Y. Li, H. Shi, M. Gong, and R. Shang, Quantum-inspired evolutionary clustering algorithm based on manifold distance, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 871–874, New York, NY, USA, 2009, ACM.
- [128] C. Liu, W. Wan, and Y. Wu, 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*, pp. 875–878, New York, NY, USA, 2009, ACM.
- [129] F. Liu, Y. Qi, Z. Xia, and H. Hao, 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*, pp. 879–882, New York, NY, USA, 2009, ACM.
- [130] H. Liu, S. Xiong, and Q. Chen, 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*, pp. 883–886, New York, NY, USA, 2009, ACM.

- [131] R. Liu, Y. Li, W. Zhang, and L. Jiao, 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*, pp. 887–890, New York, NY, USA, 2009, ACM.
- [132] S. Liu, Y.-y. Qiao, and Q.-k. Wen, 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*, pp. 891–894, New York, NY, USA, 2009, ACM.
- [133] Y. Liu, S. Xiong, and H. Liu, 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*, pp. 895–898, New York, NY, USA, 2009, ACM.
- [134] J. Longcun, W. Wanggen, C. Bin, Y. Xiaoqing, and X. Hongwei, A new multimedia information data mining method, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 899–902, New York, NY, USA, 2009, ACM.
- [135] X. Luo, Z. Sun, X. Zhang, L. Hu, and C. Wang, 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*, pp. 903–906, New York, NY, USA, 2009, ACM.
- [136] S. Lv, S. Wang, and X. Wang, 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*, pp. 907–910, New York, NY, USA, 2009, ACM.
- [137] P. S. Pa and S. C. Chang, 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*, pp. 911–914, New York, NY, USA, 2009, ACM.
- [138] Y. Peng, X. Luo, and W. Wei, 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*, pp. 915–918, New York, NY, USA, 2009, ACM.
- [139] Y. Peng, D. Zhang, and F. Y. Chin, A hybrid simulated annealing algorithm for container loading problem, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 919–928, New York, NY, USA, 2009, ACM.
- [140] B. Yu, S. Zeng, S. Gao, Z. Yan, Y. Shi, X. Yang, and B. Xiao, 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*, pp. 929–932, New York, NY, USA, 2009, ACM.
- [141] J. Qi, S. Shao, and Z. Rong, 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*, pp. 933–936, New York, NY, USA, 2009, ACM.
- [142] X. Qian, T. Shengjing, and G. Jie, 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*, pp. 937–940, New York, NY, USA, 2009, ACM.
- [143] S. Qin, 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*, pp. 941–944, New York, NY, USA, 2009, ACM.
- [144] I. Sekaj and M. Oravec, 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*, pp. 945–948, New York, NY, USA, 2009, ACM.
- [145] J.-h. Shen, C.-x. Li, and J.-h. Li, Structural damping identification using analytic wavelet transformation, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 949–952, New York, NY, USA, 2009, ACM.

- [146] R. E. Smith and M. K. Jiang, Milcs in protein structure prediction with default hierarchies, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 953–956, New York, NY, USA, 2009, ACM.
- [147] B. Su and Y.-D. Shen, Maximum margin transfer learning, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 957–960, New York, NY, USA, 2009, ACM.
- [148] S. Sun, Traffic flow forecasting based on multitask ensemble learning, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 961–964, New York, NY, USA, 2009, ACM.
- [149] X. Sun, M. Huang, X. Wang, and F. Lu, 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*, pp. 965–968, New York, NY, USA, 2009, ACM.
- [150] L. Tan and L. Guo, 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*, pp. 969–972, New York, NY, USA, 2009, ACM.
- [151] Y. Tan, T. Zhao, and Z. Zhao, Using ga-ann algorithm to predicate coal bump energy, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 973–976, New York, NY, USA, 2009, ACM.
- [152] J. Tang, S. Alam, H. Abbass, and C. Lokan, 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*, pp. 977–984, New York, NY, USA, 2009, ACM.
- [153] H. Wang, H. Qi, W. Li, G. Zhang, and P. Wang, A ga-based automatic pore segmentation algorithm, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 985–988, New York, NY, USA, 2009, ACM.
- [154] J. Wang and S. M. Loo, 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*, pp. 989–992, New York, NY, USA, 2009, ACM.
- [155] L.-F. Wang, J.-C. Zeng, and Y. Hong, Estimation of distribution algorithm based on archimedean copulas, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 993–996, New York, NY, USA, 2009, ACM.
- [156] Y. Wang, J. Wang, W. Du, C. Zhang, Y. Zhang, and C. Zhou, 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*, pp. 997–1000, New York, NY, USA, 2009, ACM.
- [157] Z. Wang, J.-l. Liu, and X. Yu, Self-fertilization based genetic algorithm for university timetabling problem, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1001–1004, New York, NY, USA, 2009, ACM.
- [158] L. Wen, G. Liu, and Y. Zhao, 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*, pp. 1005–1008, New York, NY, USA, 2009, ACM.
- [159] X. Luo, Y. Peng, and W. Wei, 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*, pp. 1009–1012, New York, NY, USA, 2009, ACM.
- [160] F. Xie, S. He, X. Liu, X. Li, J. Du, J. Yang, Y. Fu, Y. Chen, J. Wang, Z. Liu, and Q. Zhu, 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*, pp. 1013–1016, New York, NY, USA, 2009, ACM.

- [161] Y. Xu, Y. Deli, and L. Yu, 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*, pp. 1017–1020, New York, NY, USA, 2009, ACM.
- [162] S. Xue and J. Zeng, Controlling swarm robots with kinematic constraints for target search, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1021–1024, New York, NY, USA, 2009, ACM.
- [163] T. Yan, L. Shen, P. An, H. Wang, and Z. Zhang, 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*, pp. 1025–1028, New York, NY, USA, 2009, ACM.
- [164] K. Yang, J. Ye, Z. Li, and Y. Qiao, 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*, pp. 1029–1032, New York, NY, USA, 2009, ACM.
- [165] Y. Yang, L. Xiaoping, P. Yonggang, and W. Wei, Research of fuzzy control strategy on artificial climate chest, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1033–1036, New York, NY, USA, 2009, ACM.
- [166] S. Yong and L. Zhimin, 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*, pp. 1037–1040, New York, NY, USA, 2009, ACM.
- [167] Y.-M. Yu, G.-Q. Zhao, and J.-D. Liu, Hyperchaotic genetic algorithm theory and functions optimization, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1041–1044, New York, NY, USA, 2009, ACM.
- [168] W. Zeng, Y. Zhao, and J. Zeng, Cloud service and service selection algorithm research, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1045–1048, New York, NY, USA, 2009, ACM.
- [169] L. Zhang, Y. C. Jiao, H. Li, and F. S. Zhang, 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*, pp. 1049–1052, New York, NY, USA, 2009, ACM.
- [170] Q. Zhang, S. Liu, P. An, and Z. Zhang, Object segmentation based on disparity estimation, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1053–1056, New York, NY, USA, 2009, ACM.
- [171] Q.-b. Zhang, T.-h. Wu, and B. Liu, A weight based compact genetic algorithm, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1057–1060, New York, NY, USA, 2009, ACM.
- [172] Y. Zhao, J. Wang, and Y. Song, 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*, pp. 1061–1064, New York, NY, USA, 2009, ACM.
- [173] Z.-C. Cao, F. Qiao, and Q.-D. Wu, 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*, pp. 1065–1068, New York, NY, USA, 2009, ACM.
- [174] Z. Zhou, S. Zhongke, and Y. Li, 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*, pp. 1073–1076, New York, NY, USA, 2009, ACM.
- [175] M. Zhu and Y. Yang, An improved simulated annealing algorithm for vector quantizer design, in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pp. 1077–1080, New York, NY, USA, 2009, ACM.