

## Список литературы

- [Agrawal et al.(2009)Agrawal, Bose, and Sundarrajan] 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*. New York, NY, USA: ACM, 2009, pp. 1–8.
- [Becker and O'Reilly(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 9–16.
- [Cao et al.(2009a)Cao, Gu, Jiao, Xin, and Gu] 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*. New York, NY, USA: ACM, 2009, pp. 17–24.
- [Cao et al.(2009b)Cao, Hu, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 25–32.
- [Chen et al.(2009a)Chen, Zhou, and Zhu] 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*. New York, NY, USA: ACM, 2009, pp. 33–38.
- [Chen et al.(2009b)Chen, Jia, Wen, zhao, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 39–46.
- [Chen et al.(2009c)Chen, Jia, Wen, Zhao, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 47–54.
- [Chen et al.(2009d)Chen, Xiong, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 55–60.
- [Chen et al.(2009e)Chen, He, and Zhang] 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*. New York, NY, USA: ACM, 2009, pp. 61–66.
- [Seng et al.(2009)Seng, Lian, Spencer, and Darren] 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*. New York, NY, USA: ACM, 2009, pp. 67–74.
- [Cullen(2009a)] 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*. New York, NY, USA: ACM, 2009, pp. 75–80.
- [Cullen(2009b)] —, “Evolutionary meta programming,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 81–88.
- [Deng et al.(2009)Deng, Jiang, and Yin] 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*. New York, NY, USA: ACM, 2009, pp. 89–96.

- [Ding et al.(2009a)Ding, Li, and Ju] 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*. New York, NY, USA: ACM, 2009, pp. 97–104.
- [Dupuis et al.(2009)Dupuis, Fan, and Goodman] 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*. New York, NY, USA: ACM, 2009, pp. 105–112.
- [Fan et al.(2009)Fan, Wang, and Huang] 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*. New York, NY, USA: ACM, 2009, pp. 113–118.
- [Fang et al.(2009)Fang, Jiang, and Fan] 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*. New York, NY, USA: ACM, 2009, pp. 119–126.
- [Feng and Xu(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 127–134.
- [Gan et al.(2009)Gan, Ying-ying, and Cang-hui] 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*. New York, NY, USA: ACM, 2009, pp. 135–140.
- [Gong et al.(2009a)Gong, Jiao, and Ma] 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*. New York, NY, USA: ACM, 2009, pp. 141–148.
- [Gong et al.(2009b)Gong, Jiao, and Ma] —, “Large-scale optimization using immune algorithm,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 149–156.
- [Gu et al.(2009a)Gu, Liu, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 157–162.
- [Gu et al.(2009b)Gu, Cao, Jiao, and Gu] 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*. New York, NY, USA: ACM, 2009, pp. 163–170.
- [Gu and Ding(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 171–176.
- [Guo et al.(2009a)Guo, Rivero, Seoane, and Pazos] 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*. New York, NY, USA: ACM, 2009, pp. 177–184.
- [Guo et al.(2009b)Guo, Yang, and Cheng] 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*. New York, NY, USA: ACM, 2009, pp. 185–192.

- [Guo et al.(2009c)Guo, Cheng, and Lin] 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*. New York, NY, USA: ACM, 2009, pp. 193–200.
- [He et al.(2009)He, Li, Shi, and Hu] 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*. New York, NY, USA: ACM, 2009, pp. 201–208.
- [Hongfeng et al.(2009)Hongfeng, Guanzheng, and Jingui] 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*. New York, NY, USA: ACM, 2009, pp. 209–216.
- [Hu et al.(2009a)Hu, Xu, and Hu] 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*. New York, NY, USA: ACM, 2009, pp. 217–222.
- [Hu et al.(2009b)Hu, Xu, and Goodman] 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*. New York, NY, USA: ACM, 2009, pp. 223–230.
- [Huang et al.(2009a)Huang, Dong, Wang, Zheng, and Ip] 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*. New York, NY, USA: ACM, 2009, pp. 231–238.
- [Irene et al.(2009)Irene, Deris, Hashim, and Zaiton] 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*. New York, NY, USA: ACM, 2009, pp. 239–246.
- [Jiang et al.(2009a)Jiang, Berry, and Schoenauer] 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*. New York, NY, USA: ACM, 2009, pp. 247–254.
- [Karshenas et al.(2009)Karshenas, Nikanjam, Helmi, and Rahmani] 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*. New York, NY, USA: ACM, 2009, pp. 263–270.
- [Li and Wang(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 271–278.
- [Li et al.(2009a)Li, Wang, Olivier, Chen, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 279–286.
- [Li et al.(2009b)Li, Liu, Xiao, Chen, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 287–294.

- [Li et al.(2009c)Li, Xu, Yang, Chen, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 295–302.
- [Liang and Xu(2009a)] 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*. New York, NY, USA: ACM, 2009, pp. 303–308.
- [Liang and Xu(2009b)] —, “Mobile robot global path planning using hybrid modified simulated annealing optimization algorithm,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 309–314.
- [Lin(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 315–320.
- [Lin et al.(2009)Lin, Chen, Cao, and Guan] 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*. New York, NY, USA: ACM, 2009, pp. 321–328.
- [Liu et al.(2009a)Liu, Ding, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 329–336.
- [Liu et al.(2009b)Liu, Zhang, Ding, Liu, Zheng, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 337–344.
- [Liu et al.(2009c)Liu, Fan, and Goodman] 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*. New York, NY, USA: ACM, 2009, pp. 345–352.
- [Liu et al.(2009d)Liu, Wu, Peng, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 361–368.
- [Liu et al.(2009e)Liu, Li, Liu, Xu, and Yang] 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*. New York, NY, USA: ACM, 2009, pp. 369–374.
- [Liu et al.(2009f)Liu, Hu, Teng, Zhao, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 375–380.
- [Liu et al.(2009g)Liu, Zhang, and Leung] 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*. New York, NY, USA: ACM, 2009, pp. 381–386.
- [LU et al.(2009)LU, Huang, Ching, Wang, and Sun] 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*. New York, NY, USA: ACM, 2009, pp. 387–392.

- [Lu et al.(2009)Lu, Qiu, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 393–400.
- [Luh and Hsieh(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 401–408.
- [Ma et al.(2009a)Ma, Mu, and Yu] 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*. New York, NY, USA: ACM, 2009, pp. 409–414.
- [Ma et al.(2009b)Ma, Wan, and Jiao] 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*. New York, NY, USA: ACM, 2009, pp. 415–420.
- [Min et al.(2009)Min, Zeng, and Luo] 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*. New York, NY, USA: ACM, 2009, pp. 421–428.
- [Mushi and Tan(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 429–436.
- [Ning et al.(2009)Ning, Cao, Xu, and Zhang] 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*. New York, NY, USA: ACM, 2009, pp. 437–442.
- [Otsuki and Okada(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 443–450.
- [Ozkan et al.(2009)Ozkan, Yazici, Kapanoglu, and Parlaktuna] 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*. New York, NY, USA: ACM, 2009, pp. 451–458.
- [Pan et al.(2009)Pan, Wang, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 459–466.
- [Parsopoulos(2009)] K. E. Parsopoulos, “Cooperative micro-particle swarm optimization,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 467–474.
- [Pullan(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 475–482.
- [Qiu and Lu(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 483–488.
- [Rokhlenko and Wexler(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 489–496.

- [Shen et al.(2009a)Shen, Zhu, Zhou, Guo, and Chang] 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*. New York, NY, USA: ACM, 2009, pp. 497–504.
- [Sun et al.(2009a)Sun, Qi, Wang, van Wyk, and Hamam] 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*. New York, NY, USA: ACM, 2009, pp. 505–510.
- [Unachak and Goodman(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 511–516.
- [Wan et al.(2009)Wan, Hao, and Qiu] 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*. New York, NY, USA: ACM, 2009, pp. 517–520.
- [Wang et al.(2009a)Wang, Lin, Yang, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 521–528.
- [Wang et al.(2009b)Wang, Teng, Zhang, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 529–536.
- [Wang et al.(2009c)Wang, Wu, Liu, Wang, Jiang, and Chen] 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*. New York, NY, USA: ACM, 2009, pp. 537–544.
- [Wang et al.(2009d)Wang, Wang, and Fei] 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*. New York, NY, USA: ACM, 2009, pp. 545–552.
- [Wang et al.(2009e)Wang, Wan, and Yu] 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*. New York, NY, USA: ACM, 2009, pp. 553–560.
- [Wang et al.(2009f)Wang, Wang, and Mu] 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*. New York, NY, USA: ACM, 2009, pp. 561–564.
- [Wang et al.(2009g)Wang, Chen, and Chen] 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*. New York, NY, USA: ACM, 2009, pp. 565–570.
- [Weihua and Minrui(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 571–576.
- [Weise and Zapf(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 577–584.

- [Woodward and Bai(2009a)] 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*. New York, NY, USA: ACM, 2009, pp. 585–592.
- [Woodward and Bai(2009b)] —, “Why evolution is not a good paradigm for program induction: a critique of genetic programming,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 593–600.
- [Wu et al.(2009)Wu, Zhang, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 601–608.
- [Xie and Zeng(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 609–616.
- [Xie et al.(2009a)Xie, Wang, and Wu] 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*. New York, NY, USA: ACM, 2009, pp. 617–622.
- [Xin et al.(2009)Xin, Chen, and Pan] 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*. New York, NY, USA: ACM, 2009, pp. 623–630.
- [Xu et al.(2009a)Xu, Luo, Pei, Zhang, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 631–638.
- [Xu et al.(2009b)Xu, Ding, and Hu] 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*. New York, NY, USA: ACM, 2009, pp. 639–644.
- [Xu et al.(2009c)Xu, Hu, and Zhu] 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*. New York, NY, USA: ACM, 2009, pp. 645–650.
- [Xu et al.(2009d)Xu, Zhu, and Goodman] 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*. New York, NY, USA: ACM, 2009, pp. 651–656.
- [Xu et al.(2009e)Xu, Si, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 657–664.
- [Xu et al.(2009f)Xu, Zhou, and Sun] 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*. New York, NY, USA: ACM, 2009, pp. 665–670.
- [Xu and Gu(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 671–678.
- [Xu et al.(2009g)Xu, Li, Wu, and Du] 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*. New York, NY, USA: ACM, 2009, pp. 679–686.

- [Xu et al.(2009h)Xu, Low, and Choo] 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*. New York, NY, USA: ACM, 2009, pp. 687–694.
- [Xu et al.(2009i)Xu, Gu, Jiao, and Gu] 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*. New York, NY, USA: ACM, 2009, pp. 695–702.
- [Yan and Tang(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 703–708.
- [Yan and Sun(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 709–716.
- [Yu et al.(2009a)Yu, Cao, Hu, Du, and Zhang] 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*. New York, NY, USA: ACM, 2009, pp. 717–724.
- [Yuan et al.(2009)Yuan, Zou, and Xu] 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*. New York, NY, USA: ACM, 2009, pp. 725–730.
- [Zeng et al.(2009a)Zeng, Zou, and Xu] 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*. New York, NY, USA: ACM, 2009, pp. 731–736.
- [Zhang et al.(2009a)Zhang, Zhao, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 737–744.
- [Zhang et al.(2009b)Zhang, Ding, and Hao] 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*. New York, NY, USA: ACM, 2009, pp. 745–750.
- [Zhang et al.(2009c)Zhang, Liu, and Ding] 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*. New York, NY, USA: ACM, 2009, pp. 751–756.
- [Zhou et al.(2009a)Zhou, Cui, Wang, and Yang] 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*. New York, NY, USA: ACM, 2009, pp. 757–764.
- [Zhu(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 765–772.
- [Zhu et al.(2009)Zhu, Ding, Li, and Kemp] 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*. New York, NY, USA: ACM, 2009, pp. 773–780.



- [Zhuo et al.(2009)Zhuo, Li, and Wu] 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*. New York, NY, USA: ACM, 2009, pp. 781–786.
- [Affenzeller et al.(2009)Affenzeller, Beham, Wagner, and Winkler] 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*. New York, NY, USA: ACM, 2009, pp. 787–790.
- [An et al.(2009)An, Guo, and Yang] 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*. New York, NY, USA: ACM, 2009, pp. 791–794.
- [Cai et al.(2009)Cai, Sun, and Gao] 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*. New York, NY, USA: ACM, 2009, pp. 795–798.
- [Chen and Zou(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 799–802.
- [Chen et al.(2009f)Chen, Xiong, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 803–806.
- [Chen et al.(2009g)Chen, Zeng, and Yu] 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*. New York, NY, USA: ACM, 2009, pp. 807–810.
- [Comellas and Martinez-Navarro(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 811–814.
- [Dai et al.(2009)Dai, Li, and Zheng] 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*. New York, NY, USA: ACM, 2009, pp. 815–818.
- [Ding et al.(2009b)Ding, Li, and Chen] 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*. New York, NY, USA: ACM, 2009, pp. 819–822.
- [Du et al.(2009)Du, Ding, Xie, Xu, Wang, and Chen] 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*. New York, NY, USA: ACM, 2009, pp. 823–826.
- [Gu et al.(2009c)Gu, Cao, Jiao, and Gu] 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*. New York, NY, USA: ACM, 2009, pp. 827–830.

- [Guo et al.(2009d)Guo, Li, and Gao] 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*. New York, NY, USA: ACM, 2009, pp. 831–834.
- [Huang et al.(2009b)Huang, Gu, and Xu] F. Huang, J. Gu, and J. Xu, “The optimum method on injection molding condition based on rbf network and ant colony algorithm,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 835–838.
- [Huang et al.(2009c)Huang, Cui, Wang, and Dong] 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*. New York, NY, USA: ACM, 2009, pp. 839–842.
- [Jiang et al.(2009b)Jiang, Yuan, and Zhao] 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*. New York, NY, USA: ACM, 2009, pp. 843–846.
- [Jin et al.(2009)Jin, Jia, Chang, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 847–850.
- [Kim and Yoon(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 855–858.
- [Korns(2009)] M. F. Korns, “Symbolic regression using abstract expression grammars,” in *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*. New York, NY, USA: ACM, 2009, pp. 859–862.
- [Li and Kong(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 863–866.
- [Li et al.(2009d)Li, Mao, and Qi] 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*. New York, NY, USA: ACM, 2009, pp. 867–870.
- [Li et al.(2009e)Li, Shi, Gong, and Shang] 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*. New York, NY, USA: ACM, 2009, pp. 871–874.
- [Liu et al.(2009h)Liu, Wan, and Wu] 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*. New York, NY, USA: ACM, 2009, pp. 875–878.
- [Liu et al.(2009i)Liu, Qi, Xia, and Hao] 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*. New York, NY, USA: ACM, 2009, pp. 879–882.
- [Liu et al.(2009j)Liu, Xiong, and Chen] 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*. New York, NY, USA: ACM, 2009, pp. 883–886.

- [Liu et al.(2009k)Liu, Li, Zhang, and Jiao] 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*. New York, NY, USA: ACM, 2009, pp. 887–890.
- [Liu et al.(2009l)Liu, Qiao, and Wen] 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*. New York, NY, USA: ACM, 2009, pp. 891–894.
- [Liu et al.(2009m)Liu, Xiong, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 895–898.
- [Longcun et al.(2009)Longcun, Wanggen, Bin, Xiaoqing, and Hongwei] 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*. New York, NY, USA: ACM, 2009, pp. 899–902.
- [Luo et al.(2009a)Luo, Sun, Zhang, Hu, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 903–906.
- [Lv et al.(2009)Lv, Wang, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 907–910.
- [Pa and Chang(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 911–914.
- [Peng et al.(2009a)Peng, Luo, and Wei] 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*. New York, NY, USA: ACM, 2009, pp. 915–918.
- [Peng et al.(2009b)Peng, Zhang, and Chin] 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*. New York, NY, USA: ACM, 2009, pp. 919–928.
- [Yu et al.(2009b)Yu, Zeng, Gao, Yan, Shi, Yang, and Xiao] 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*. New York, NY, USA: ACM, 2009, pp. 929–932.
- [Qi et al.(2009)Qi, Shao, and Rong] 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*. New York, NY, USA: ACM, 2009, pp. 933–936.
- [Qian et al.(2009)Qian, Shengjing, and Jie] 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*. New York, NY, USA: ACM, 2009, pp. 937–940.

- [Qin(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 941–944.
- [Sekaj and Oravec(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 945–948.
- [Shen et al.(2009b)Shen, Li, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 949–952.
- [Smith and Jiang(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 953–956.
- [Su and Shen(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 957–960.
- [Sun(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 961–964.
- [Sun et al.(2009b)Sun, Huang, Wang, and Lu] 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*. New York, NY, USA: ACM, 2009, pp. 965–968.
- [Tan and Guo(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 969–972.
- [Tan et al.(2009)Tan, Zhao, and Zhao] 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*. New York, NY, USA: ACM, 2009, pp. 973–976.
- [Tang et al.(2009)Tang, Alam, Abbass, and Lokan] 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*. New York, NY, USA: ACM, 2009, pp. 977–984.
- [Wang et al.(2009h)Wang, Qi, Li, Zhang, and Wang] 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*. New York, NY, USA: ACM, 2009, pp. 985–988.
- [Wang and Loo(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 989–992.
- [Wang et al.(2009i)Wang, Zeng, and Hong] 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*. New York, NY, USA: ACM, 2009, pp. 993–996.
- [Wang et al.(2009j)Wang, Wang, Du, Zhang, Zhang, and Zhou] 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*. New York, NY, USA: ACM, 2009, pp. 997–1000.

- [Wang et al.(2009k)Wang, Liu, and Yu] 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*. New York, NY, USA: ACM, 2009, pp. 1001–1004.
- [Wen et al.(2009)Wen, Liu, and Zhao] 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*. New York, NY, USA: ACM, 2009, pp. 1005–1008.
- [Luo et al.(2009b)Luo, Peng, and Wei] 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*. New York, NY, USA: ACM, 2009, pp. 1009–1012.
- [Xie et al.(2009b)Xie, He, Liu, Li, Du, Yang, Fu, Chen, Wang, Liu, and Zhu] 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*. New York, NY, USA: ACM, 2009, pp. 1013–1016.
- [Xu et al.(2009j)Xu, Deli, and Yu] 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*. New York, NY, USA: ACM, 2009, pp. 1017–1020.
- [Xue and Zeng(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 1021–1024.
- [Yan et al.(2009)Yan, Shen, An, Wang, and Zhang] 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*. New York, NY, USA: ACM, 2009, pp. 1025–1028.
- [Yang et al.(2009a)Yang, Ye, Li, and Qiao] 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*. New York, NY, USA: ACM, 2009, pp. 1029–1032.
- [Yang et al.(2009b)Yang, Xiaoping, Yonggang, and Wei] 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*. New York, NY, USA: ACM, 2009, pp. 1033–1036.
- [Yong and Zhimin(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 1037–1040.
- [Yu et al.(2009c)Yu, Zhao, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 1041–1044.
- [Zeng et al.(2009b)Zeng, Zhao, and Zeng] 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*. New York, NY, USA: ACM, 2009, pp. 1045–1048.

- [Zhang et al.(2009d)Zhang, Jiao, Li, and Zhang] 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*. New York, NY, USA: ACM, 2009, pp. 1049–1052.
- [Zhang et al.(2009e)Zhang, Liu, An, and Zhang] 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*. New York, NY, USA: ACM, 2009, pp. 1053–1056.
- [Zhang et al.(2009f)Zhang, Wu, and Liu] 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*. New York, NY, USA: ACM, 2009, pp. 1057–1060.
- [Zhao et al.(2009)Zhao, Wang, and Song] 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*. New York, NY, USA: ACM, 2009, pp. 1061–1064.
- [Cao et al.(2009c)Cao, Qiao, and Wu] 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*. New York, NY, USA: ACM, 2009, pp. 1065–1068.
- [Zhou et al.(2009b)Zhou, Zhongke, and Li] 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*. New York, NY, USA: ACM, 2009, pp. 1073–1076.
- [Zhu and Yang(2009)] 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*. New York, NY, USA: ACM, 2009, pp. 1077–1080.