

Список литературы

- [1543836] Shubham Agrawal, Sumit Kumar Bose, and Srikanth 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*, pages 1–8, New York, NY, USA, 2009. ACM.
- [1543837] Ying L. Becker and Una-May O'Reilly. Genetic programming for quantitative stock selection. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 9–16, New York, NY, USA, 2009. ACM.
- [1543838] Cuiwen Cao, Jinwei Gu, Bin Jiao, Zhong Xin, and Xingsheng 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*, pages 17–24, New York, NY, USA, 2009. ACM.
- [1543839] Yang Cao, Chunhua Hu, and Luming 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*, pages 25–32, New York, NY, USA, 2009. ACM.
- [1543840] Hui Chen, Chunjie Zhou, and Weifeng 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*, pages 33–38, New York, NY, USA, 2009. ACM.
- [1543841] Jian Chen, Jie Jia, Yingyou Wen, Dazhe zhao, and Jiren 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*, pages 39–46, New York, NY, USA, 2009. ACM.
- [1543842] Jian Chen, Jie Jia, Yingyou Wen, Dazhe Zhao, and Jiren 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*, pages 47–54, New York, NY, USA, 2009. ACM.
- [1543843] Qiong Chen, Shengwu Xiong, and Hongbing 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*, pages 55–60, New York, NY, USA, 2009. ACM.
- [1543844] Ziyu Chen, Zhongshi He, and Cheng Zhang. The non-clique particle swarm optimizer. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 61–66, New York, NY, USA, 2009. ACM.
- [1543845] Choo Chwee Seng, Chua Ching Lian, Low Kin Ming Spencer, and Ong Wee Sze Darren. A co-evolutionary approach for military operational analysis. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 67–74, New York, NY, USA, 2009. ACM.
- [1543846] Jamie 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*, pages 75–80, New York, NY, USA, 2009. ACM.
- [1543847] Jamie S. Cullen. Evolutionary meta programming. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 81–88, New York, NY, USA, 2009. ACM.
- [1543848] Rong Deng, Changjun Jiang, and Fei 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*, pages 89–96, New York, NY, USA, 2009. ACM.

- [1543849] Genhong Ding, Linye Li, and Yao 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*, pages 97–104, New York, NY, USA, 2009. ACM.
- [1543850] Jean-François Dupuis, Zhun Fan, and Erik Goodman. Evolved finite state controller for hybrid system. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 105–112, New York, NY, USA, 2009. ACM.
- [1543851] Qingwu Fan, Pu Wang, and Jing 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*, pages 113–118, New York, NY, USA, 2009. ACM.
- [1543852] Xianwen Fang, Changjun Jiang, and Xiaoqin 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*, pages 119–126, New York, NY, USA, 2009. ACM.
- [1543853] Zuren Feng and Kailiang 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*, pages 127–134, New York, NY, USA, 2009. ACM.
- [1543854] Chai Gan, Sun Ying-ying, and Zhu 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*, pages 135–140, New York, NY, USA, 2009. ACM.
- [1543855] Maoguo Gong, Licheng Jiao, and Wenping 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*, pages 141–148, New York, NY, USA, 2009. ACM.
- [1543856] Maoguo Gong, Licheng Jiao, and Wenping Ma. Large-scale optimization using immune algorithm. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 149–156, New York, NY, USA, 2009. ACM.
- [1543857] Fangqing Gu, Hai-lin Liu, and Wei 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*, pages 157–162, New York, NY, USA, 2009. ACM.
- [1543858] Jinwei Gu, Cuiwen Cao, Bin Jiao, and Xingsheng 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*, pages 163–170, New York, NY, USA, 2009. ACM.
- [1543859] Quan Gu and Yongsheng 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*, pages 171–176, New York, NY, USA, 2009. ACM.
- [1543860] Ling Guo, Daniel Rivero, Jose A. Seoane, and Alejandro 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*, pages 177–184, New York, NY, USA, 2009. ACM.
- [1543861] Yi-nan Guo, Mei Yang, and Jian 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*, pages 185–192, New York, NY, USA, 2009. ACM.

- [1543862] Yi-nan Guo, Jian Cheng, and Yong Lin. Cooperative interactive cultural algorithms adopting knowledge migration. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 193–200, New York, NY, USA, 2009. ACM.
- [1543863] Guoliang He, Yuanxiang Li, Zhongzhi Shi, and Ting Hu. Intrinsic evolution of digital circuits using evolutionary algorithms. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 201–208, New York, NY, USA, 2009. ACM.
- [1543864] Xiao Hongfeng, Tan Guanzheng, and Huang 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*, pages 209–216, New York, NY, USA, 2009. ACM.
- [1543865] Haigen Hu, Lihong Xu, and Qingsong 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*, pages 217–222, New York, NY, USA, 2009. ACM.
- [1543866] Qingsong Hu, Lihong Xu, and Erik 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*, pages 223–230, New York, NY, USA, 2009. ACM.
- [1543867] Min Huang, Hong-yu Dong, Xing-wei Wang, Bing-lin 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*, pages 231–238, New York, NY, USA, 2009. ACM.
- [1543868] Ho Sheau Fen Irene, Safaai Deris, Mohd Hashim, and Siti 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*, pages 239–246, New York, NY, USA, 2009. ACM.
- [1543869] Fei Jiang, Hugues Berry, and Marc 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*, pages 247–254, New York, NY, USA, 2009. ACM.
- [1543870] Hossein Karshenas, Amin Nikanjam, B. Hoda Helmi, and Adel 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*, pages 263–270, New York, NY, USA, 2009. ACM.
- [1543871] Ling-po Li and Ling 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*, pages 271–278, New York, NY, USA, 2009. ACM.
- [1543872] Zhiyong Li, Yong Wang, Kouassi K.S. Olivier, Jun Chen, and Kenli Li. The cloud-based framework for ant colony optimization. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 279–286, New York, NY, USA, 2009. ACM.
- [1543873] Zhiyong Li, Songbing Liu, Degui Xiao, Jun Chen, and Kenli 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*, pages 287–294, New York, NY, USA, 2009. ACM.

- [1543874] Zhiyong Li, Bo Xu, Lei Yang, Jun Chen, and Kenli Li. Quantum evolutionary algorithm for multi-robot coalition formation. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 295–302, New York, NY, USA, 2009. ACM.
- [1543875] Yuming Liang and Lihong 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*, pages 303–308, New York, NY, USA, 2009. ACM.
- [1543876] Yuming Liang and Lihong 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*, pages 309–314, New York, NY, USA, 2009. ACM.
- [1543877] Chunmei 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*, pages 315–320, New York, NY, USA, 2009. ACM.
- [1543878] Jianping Lin, Shuisheng Chen, Ying Cao, and Huajun 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*, pages 321–328, New York, NY, USA, 2009. ACM.
- [1543879] Bao Liu, Yongsheng Ding, and Junhong 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*, pages 329–336, New York, NY, USA, 2009. ACM.
- [1543880] Fengming Liu, Wenyin Zhang, Yongsheng Ding, Xiyu Liu, Mingchun Zheng, and Yu 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*, pages 337–344, New York, NY, USA, 2009. ACM.
- [1543881] Jinchao Liu, Zhun Fan, and Erik 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*, pages 345–352, New York, NY, USA, 2009. ACM.
- [1543882] Weirong Liu, Min Wu, Jun Peng, and Guojun 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*, pages 361–368, New York, NY, USA, 2009. ACM.
- [1543883] Wu Liu, Min Li, Yi Liu, Yuan Xu, and Xinglan 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*, pages 369–374, New York, NY, USA, 2009. ACM.
- [1543884] Xingqiao Liu, Jianqun Hu, Shaoqing Teng, Liang Zhao, and Guohai 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*, pages 375–380, New York, NY, USA, 2009. ACM.
- [1543885] Yongkai Liu, Defu Zhang, and Stephen C.H. 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*, pages 381–386, New York, NY, USA, 2009. ACM.
- [1543886] Fu-Qiang LU, Min Huang, Wai-Ki Ching, Xing-Wei Wang, and Xian-li 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*, pages 387–392, New York, NY, USA, 2009. ACM.

- [1543887] Qiang Lu, Xue-na Qiu, and Shi-rong 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*, pages 393–400, New York, NY, USA, 2009. ACM.
- [1543888] Guan-Chun Luh and Ching-Chou 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*, pages 401–408, New York, NY, USA, 2009. ACM.
- [1543889] Xiuli Ma, Guoqiang Mu, and Xiaoqing Yu. Kernel-based immunity synergetic network for image classification. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 409–414, New York, NY, USA, 2009. ACM.
- [1543890] Xiuli Ma, Wanggen Wan, and Licheng Jiao. Spectral clustering ensemble for image segmentation. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 415–420, New York, NY, USA, 2009. ACM.
- [1543891] Huaqing Min, Jiaan Zeng, and Ronghua 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*, pages 421–428, New York, NY, USA, 2009. ACM.
- [1543892] Joseph Cosmas Mushi and Guanzheng Tan. So-antnet for improving load sharing in manet. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 429–436, New York, NY, USA, 2009. ACM.
- [1543893] Bo Ning, XianBin Cao, YanWu Xu, and Jun 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*, pages 437–442, New York, NY, USA, 2009. ACM.
- [1543894] Akira Otsuki and Kenichi Okada. The study of the knowledge optimization tool. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 443–450, New York, NY, USA, 2009. ACM.
- [1543895] Metin Ozkan, Ahmet Yazici, Muzaffer Kapanoglu, and Osman 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*, pages 451–458, New York, NY, USA, 2009. ACM.
- [1543896] Feng Pan, Guanghui Wang, and Yang 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*, pages 459–466, New York, NY, USA, 2009. ACM.
- [1543897] Konstantinos E. Parsopoulos. Cooperative micro-particle swarm optimization. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 467–474, New York, NY, USA, 2009. ACM.
- [1543898] Wayne 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*, pages 475–482, New York, NY, USA, 2009. ACM.
- [1543899] Xuena Qiu and Qiang 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*, pages 483–488, New York, NY, USA, 2009. ACM.
- [1543900] Oleg Rokhlenko and Ydo Wexler. Embedded self-adaptation to escape from local optima. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 489–496, New York, NY, USA, 2009. ACM.

- [1543901] Hai Shen, Yunlong Zhu, Xiaoming Zhou, Haifeng Guo, and Chunguang 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*, pages 497–504, New York, NY, USA, 2009. ACM.
- [1543902] Yanxia Sun, Guoyuan Qi, Zenghui Wang, Barend Jacobus van Wyk, and Yskandar Hamam. Chaotic particle swarm optimization. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 505–510, New York, NY, USA, 2009. ACM.
- [1543903] Prakarn Unachak and Erik 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*, pages 511–516, New York, NY, USA, 2009. ACM.
- [1543904] Shanshan Wan, Ying Hao, and Dongwei 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*, pages 517–520, New York, NY, USA, 2009. ACM.
- [1543905] Feng Wang, Zhiyi Lin, Cheng Yang, and Yuanxiang 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*, pages 521–528, New York, NY, USA, 2009. ACM.
- [1543906] He Wang, Guowei Teng, Zhangyao Zhang, and Guozhong 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*, pages 529–536, New York, NY, USA, 2009. ACM.
- [1543907] Hui Wang, Zhijian Wu, Yong Liu, Jing Wang, Dazhi Jiang, and Lili Chen. Space transformation search: a new evolutionary technique. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 537–544, New York, NY, USA, 2009. ACM.
- [1543908] Ling Wang, Xiuting Wang, and Minrui 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*, pages 545–552, New York, NY, USA, 2009. ACM.
- [1543909] Xiangyang Wang, Wanggen Wan, and Xiaoqing 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*, pages 553–560, New York, NY, USA, 2009. ACM.
- [1543910] Yu-feng Wang, Yan Wang, and Chao-yi 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*, pages 561–564, New York, NY, USA, 2009. ACM.
- [1543911] Zhi-Ling Wang, Zong-Hai Chen, and Hui-Yong 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*, pages 565–570, New York, NY, USA, 2009. ACM.
- [1543912] Deng Weihua and Fei 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*, pages 571–576, New York, NY, USA, 2009. ACM.

- [1543913] Thomas Weise and Michael Zapf. Evolving distributed algorithms with genetic programming: election. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 577–584, New York, NY, USA, 2009. ACM.
- [1543914] John R. Woodward and Ruibin Bai. Canonical representation genetic programming. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 585–592, New York, NY, USA, 2009. ACM.
- [1543915] John R. Woodward and Ruibin 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*, pages 593–600, New York, NY, USA, 2009. ACM.
- [1543916] Chun-Yin Wu, Ching-Bin Zhang, and Chi-Jer Wang. Topology optimization of structures using ant colony optimization. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 601–608, New York, NY, USA, 2009. ACM.
- [1543917] Li-Ping Xie and Jian-Chao Zeng. A global optimization based on physicomimetics framework. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 609–616, New York, NY, USA, 2009. ACM.
- [1543918] Lun Xie, Zhiliang Wang, and Kun 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*, pages 617–622, New York, NY, USA, 2009. ACM.
- [1543919] Bin Xin, Jie Chen, and Feng 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*, pages 623–630, New York, NY, USA, 2009. ACM.
- [1543920] Baoliang Xu, Wenjian Luo, Xingxin Pei, Min Zhang, and Xufa 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*, pages 631–638, New York, NY, USA, 2009. ACM.
- [1543921] Hai-qin Xu, Yong-sheng Ding, and Zhi-hua Hu. Adaptive immune genetic algorithm for logic circuit design. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 639–644, New York, NY, USA, 2009. ACM.
- [1543922] Lihong Xu, Haigen Hu, and Bingkun 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*, pages 645–650, New York, NY, USA, 2009. ACM.
- [1543923] Lihong Xu, Bingkun Zhu, and Erik 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*, pages 651–656, New York, NY, USA, 2009. ACM.
- [1543924] Qingzheng Xu, Jing Si, and Lei Wang. Association based immune network for multimodal function optimization. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 657–664, New York, NY, USA, 2009. ACM.
- [1543925] Su Xu, Xu Zhou, and Yi-ning 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*, pages 665–670, New York, NY, USA, 2009. ACM.

- [1543926] Wei Xu and Xingsheng 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*, pages 671–678, New York, NY, USA, 2009. ACM.
- [1543927] Xing Xu, Yuanxiang Li, Yu Wu, and Xin 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*, pages 679–686, New York, NY, USA, 2009. ACM.
- [1543928] YongLiang Xu, Malcolm Yoke Hean Low, and Chwee Seng Choo. Enhancing automated red teaming with evolvable simulation. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 687–694, New York, NY, USA, 2009. ACM.
- [1543929] Zhenhao Xu, Xingsheng Gu, Bin Jiao, and Jinwei Gu. Research on job shop scheduling under uncertainty. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 695–702, New York, NY, USA, 2009. ACM.
- [1543930] Ping Yan and Lixin 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*, pages 703–708, New York, NY, USA, 2009. ACM.
- [1543931] ShiYu Yan and ZengQi 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*, pages 709–716, New York, NY, USA, 2009. ACM.
- [1543932] Shengpeng Yu, Xianbin Cao, Maobin Hu, Wenbo Du, and Jun 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*, pages 717–724, New York, NY, USA, 2009. ACM.
- [1543933] RongXiang Yuan, Xiufen Zou, and Chunlin 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*, pages 725–730, New York, NY, USA, 2009. ACM.
- [1543934] Lingli Zeng, Fengxing Zou, and Xiaohong 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*, pages 731–736, New York, NY, USA, 2009. ACM.
- [1543935] Mingming Zhang, Shuguang Zhao, and Xu 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*, pages 737–744, New York, NY, USA, 2009. ACM.
- [1543936] Shu-Ping Zhang, Yong-Sheng Ding, and Kuang-Rong 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*, pages 745–750, New York, NY, USA, 2009. ACM.
- [1543937] Xiang-feng Zhang, Jun Liu, and Yong-sheng 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*, pages 751–756, New York, NY, USA, 2009. ACM.
- [1543938] Qiang Zhou, Xunxue Cui, Zhengshan Wang, and Bin 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*, pages 757–764, New York, NY, USA, 2009. ACM.

- [1543939] Weihang 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*, pages 765–772, New York, NY, USA, 2009. ACM.
- [1543940] Ying Zhu, Yongsheng Ding, Wanggen Li, and Gregory Kemp. A proposed modularized dna computer, based on biochips. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 773–780, New York, NY, USA, 2009. ACM.
- [1543941] Juchao Zhuo, Jun Li, and Gang 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*, pages 781–786, New York, NY, USA, 2009. ACM.
- [1543943] Michael Affenzeller, Andreas Beham, Stefan Wagner, and Stephan 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*, pages 787–790, New York, NY, USA, 2009. ACM.
- [1543944] Jianwei An, Xun Guo, and Yang 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*, pages 791–794, New York, NY, USA, 2009. ACM.
- [1543945] Ze-su Cai, Li-ning Sun, and Hai-bo 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*, pages 795–798, New York, NY, USA, 2009. ACM.
- [1543946] Hao Chen and Bei Ji 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*, pages 799–802, New York, NY, USA, 2009. ACM.
- [1543947] Qiong Chen, Shengwu Xiong, and Hongbing 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*, pages 803–806, New York, NY, USA, 2009. ACM.
- [1543948] Shu-Heng Chen, Ren-Jie Zeng, and Tina 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*, pages 807–810, New York, NY, USA, 2009. ACM.
- [1543949] Francesc Comellas and Jesus 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*, pages 811–814, New York, NY, USA, 2009. ACM.
- [1543950] Guangming Dai, Yanzhi Li, and Wei 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*, pages 815–818, New York, NY, USA, 2009. ACM.
- [1543951] Genhong Ding, Dan Li, and Leng 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*, pages 819–822, New York, NY, USA, 2009. ACM.
- [1543952] Xin Du, Lin Xin Ding, Chen Wang Xie, Xing Xu, Shen wen Wang, and Li 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*, pages 823–826, New York, NY, USA, 2009. ACM.

- [1543953] Jinwei Gu, Cuiwen Cao, Bin Jiao, and Xingsheng 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*, pages 827–830, New York, NY, USA, 2009. ACM.
- [1543954] Jun-peng Guo, Wen-hua Li, and Feng Gao. Descriptive statistics of non-uniform interval symbolic data. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 831–834, New York, NY, USA, 2009. ACM.
- [1543955] Fengli Huang, Jinmei Gu, and Jinhong 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*, pages 835–838, New York, NY, USA, 2009. ACM.
- [1543956] Min Huang, Yan Cui, Xingwei Wang, and Hongyu 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*, pages 839–842, New York, NY, USA, 2009. ACM.
- [1543957] Hongwei Jiang, Zhaohui Yuan, and Yajuan 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*, pages 843–846, New York, NY, USA, 2009. ACM.
- [1543958] Lizhong Jin, Jie Jia, Guiran Chang, and Xingwei 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*, pages 847–850, New York, NY, USA, 2009. ACM.
- [1543959] Yong-Hyuk Kim and Yourim Yoon. Representation and recombination over nonsingular binary matrices. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 855–858, New York, NY, USA, 2009. ACM.
- [1543960] Michael F. Korn. Symbolic regression using abstract expression grammars. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 859–862, New York, NY, USA, 2009. ACM.
- [1543961] Li Li and Feng 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*, pages 863–866, New York, NY, USA, 2009. ACM.
- [1543962] Xiaomei Li, Zhaofang Mao, and Ershi 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*, pages 867–870, New York, NY, USA, 2009. ACM.
- [1543963] Yangyang Li, Hongzhu Shi, Maoguo Gong, and Ronghua 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*, pages 871–874, New York, NY, USA, 2009. ACM.
- [1543964] Cong Liu, Wangge Wan, and Youyong 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*, pages 875–878, New York, NY, USA, 2009. ACM.
- [1543965] Fang Liu, Yutao Qi, Zhuchang Xia, and Hongxia 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*, pages 879–882, New York, NY, USA, 2009. ACM.

- [1543966] Hongbing Liu, Shengwu Xiong, and Qiong 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*, pages 883–886, New York, NY, USA, 2009. ACM.
- [1543967] Ruochen Liu, Yong Li, Wei Zhang, and Licheng 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*, pages 887–890, New York, NY, USA, 2009. ACM.
- [1543968] Shuo Liu, Yan-you Qiao, and Qing-ke 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*, pages 891–894, New York, NY, USA, 2009. ACM.
- [1543969] Yi Liu, Shengwu Xiong, and Hongbing 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*, pages 895–898, New York, NY, USA, 2009. ACM.
- [1543970] Jin Longcun, Wan Wanggen, Cui Bin, Yu Xiaoqing, and Xu Hongwei. A new multimedia information data mining method. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 899–902, New York, NY, USA, 2009. ACM.
- [1543971] Xiong Luo, Zengqi Sun, Xiang Zhang, Laihong Hu, and Chao 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*, pages 903–906, New York, NY, USA, 2009. ACM.
- [1543972] Siliang Lv, Shangfei Wang, and Xufa 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*, pages 907–910, New York, NY, USA, 2009. ACM.
- [1543973] 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*, pages 911–914, New York, NY, USA, 2009. ACM.
- [1543974] Yonggang Peng, Xiaoping Luo, and Wei 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*, pages 915–918, New York, NY, USA, 2009. ACM.
- [1543975] Yu Peng, Defu Zhang, and Francis Y.L. 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*, pages 919–928, New York, NY, USA, 2009. ACM.
- [1543976] Banping Yu, Sanyou Zeng, Song Gao, Zu Yan, Yulong Shi, Xianqiang Yang, and Bo 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*, pages 929–932, New York, NY, USA, 2009. ACM.
- [1543977] Jinpeng Qi, Shihuang Shao, and Zhihai 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*, pages 933–936, New York, NY, USA, 2009. ACM.

- [1543978] Xu Qian, Tang Shengjing, and Guo 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*, pages 937–940, New York, NY, USA, 2009. ACM.
- [1543979] Sen 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*, pages 941–944, New York, NY, USA, 2009. ACM.
- [1543980] Ivan Sekaj and Michal 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*, pages 945–948, New York, NY, USA, 2009. ACM.
- [1543981] Jian-hong Shen, Chun-xiang Li, and Jin-hua Li. Structural damping identification using analytic wavelet transformation. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 949–952, New York, NY, USA, 2009. ACM.
- [1543982] Robert E. Smith and Max 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*, pages 953–956, New York, NY, USA, 2009. ACM.
- [1543983] Bai Su and Yi-Dong Shen. Maximum margin transfer learning. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 957–960, New York, NY, USA, 2009. ACM.
- [1543984] Shiliang Sun. Traffic flow forecasting based on multitask ensemble learning. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 961–964, New York, NY, USA, 2009. ACM.
- [1543985] Xianli Sun, Min Huang, Xingwei Wang, and Fuqiang 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*, pages 965–968, New York, NY, USA, 2009. ACM.
- [1543986] Lixiang Tan and Li 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*, pages 969–972, New York, NY, USA, 2009. ACM.
- [1543987] Yunliang Tan, Tongbin Zhao, and Zhigang 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*, pages 973–976, New York, NY, USA, 2009. ACM.
- [1543988] Jiangjun Tang, Sameer Alam, Hussein Abbass, and Chris 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*, pages 977–984, New York, NY, USA, 2009. ACM.
- [1543989] Hangjun Wang, Hengnian Qi, Wenzhu Li, Guangqun Zhang, and Paoping Wang. A ga-based automatic pore segmentation algorithm. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 985–988, New York, NY, USA, 2009. ACM.
- [1543990] JingXia Wang and Sin Ming 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*, pages 989–992, New York, NY, USA, 2009. ACM.

- [1543991] Li-Fang Wang, Jian-Chao Zeng, and Yi Hong. Estimation of distribution algorithm based on archimedean copulas. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 993–996, New York, NY, USA, 2009. ACM.
- [1543992] Yan Wang, Juexin Wang, Wei Du, Chen Zhang, Yu Zhang, and Chunguang 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*, pages 997–1000, New York, NY, USA, 2009. ACM.
- [1543993] Zan Wang, Jin-lan Liu, and Xue 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*, pages 1001–1004, New York, NY, USA, 2009. ACM.
- [1543994] Lingyun Wen, Guiquan Liu, and Yinghai 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*, pages 1005–1008, New York, NY, USA, 2009. ACM.
- [1543995] Xiaoping Luo, Yonggang Peng, and Wei 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*, pages 1009–1012, New York, NY, USA, 2009. ACM.
- [1543996] Fan Xie, Suojun He, Xiao Liu, Xingguo Li, Junping Du, Jiajian Yang, Yiwen Fu, Yang Chen, Junping Wang, Zhiqing Liu, and Qiliang 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*, pages 1013–1016, New York, NY, USA, 2009. ACM.
- [1543997] Yuan Xu, Yang Deli, and Liu 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*, pages 1017–1020, New York, NY, USA, 2009. ACM.
- [1543998] Songdong Xue and Jianchao 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*, pages 1021–1024, New York, NY, USA, 2009. ACM.
- [1543999] Tao Yan, Liquan Shen, Ping An, He Wang, and Zhaoyang 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*, pages 1025–1028, New York, NY, USA, 2009. ACM.
- [1544000] Kun Yang, Jingwei Ye, Zhijun Li, and Yu 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*, pages 1029–1032, New York, NY, USA, 2009. ACM.
- [1544001] Yang Yang, Luo Xiaoping, Peng Yonggang, and Wei 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*, pages 1033–1036, New York, NY, USA, 2009. ACM.
- [1544002] Sun Yong and Li 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*, pages 1037–1040, New York, NY, USA, 2009. ACM.

- [1544003] You-Ming Yu, Guo-Qing Zhao, and Jian-Dong Liu. Hyperchaotic genetic algorithm theory and functions optimization. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 1041–1044, New York, NY, USA, 2009. ACM.
- [1544004] Wenying Zeng, Yuelong Zhao, and Junwei Zeng. Cloud service and service selection algorithm research. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 1045–1048, New York, NY, USA, 2009. ACM.
- [1544005] Li Zhang, Yong Chang Jiao, Hong Li, and Fu Shun 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*, pages 1049–1052, New York, NY, USA, 2009. ACM.
- [1544006] Qian Zhang, Suxing Liu, Ping An, and Zhaoyang Zhang. Object segmentation based on disparity estimation. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 1053–1056, New York, NY, USA, 2009. ACM.
- [1544007] Qing-bin Zhang, Ti-hua Wu, and Bo Liu. A weight based compact genetic algorithm. In *GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation*, pages 1057–1060, New York, NY, USA, 2009. ACM.
- [1544008] Yuntao Zhao, Jing Wang, and Yong 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*, pages 1061–1064, New York, NY, USA, 2009. ACM.
- [1544009] Zheng-Cai Cao, Fei Qiao, and Qi-Di 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*, pages 1065–1068, New York, NY, USA, 2009. ACM.
- [1544010] Zhina Zhou, Shi Zhongke, and Yingfeng 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*, pages 1073–1076, New York, NY, USA, 2009. ACM.
- [1544011] Mengyu Zhu and Yuliang 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*, pages 1077–1080, New York, NY, USA, 2009. ACM.