

## Список литературы

- [Affenzeller et al., 2009] Affenzeller, M.; Beham, A.; Wagner, S.; and Winkler, S. M. (2009). "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. ACM.
- [Agrawal et al., 2009] Agrawal, S.; Bose, S. K.; and Sundarrajan, S. (2009). "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. ACM.
- [An et al., 2009] An, J.; Guo, X.; and Yang, Y. (2009). "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. ACM.
- [Becker and O'Reilly, 2009] Becker, Y. L. and O'Reilly, U.-M. (2009). "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. ACM.
- [Cai et al., 2009] Cai, Z.-s.; Sun, L.-n.; and Gao, H.-b. (2009). "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. ACM.
- [Cao et al., 2009a] Cao, C.; Gu, J.; Jiao, B.; Xin, Z.; and Gu, X. (2009a). "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. ACM.
- [Cao et al., 2009b] Cao, Y.; Hu, C.; and Li, L. (2009b). "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. ACM.
- [Cao et al., 2009c] Cao, Z.-C.; Qiao, F.; and Wu, Q.-D. (2009c). "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. ACM.
- [Chen et al., 2009a] Chen, H.; Zhou, C.; and Zhu, W. (2009a). "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. ACM.
- [Chen and Zou, 2009] Chen, H. and Zou, B. (2009). "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. ACM.
- [Chen et al., 2009b] Chen, J.; Jia, J.; Wen, Y.; zhao, D.; and Liu, J. (2009b). "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. ACM.
- [Chen et al., 2009c] Chen, J.; Jia, J.; Wen, Y.; Zhao, D.; and Liu, J. (2009c). "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. ACM.
- [Chen et al., 2009d] Chen, Q.; Xiong, S.; and Liu, H. (2009d). "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. ACM.

- [Chen et al., 2009e] Chen, Q.; Xiong, S.; and Liu, H. (2009e). "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. ACM.
- [Chen et al., 2009f] Chen, S.-H.; Zeng, R.-J.; and Yu, T. (2009f). "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. ACM.
- [Chen et al., 2009g] Chen, Z.; He, Z.; and Zhang, C. (2009g). "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. ACM.
- [Comellas and Martinez-Navarro, 2009] Comellas, F. and Martinez-Navarro, J. (2009). "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. ACM.
- [Cullen, 2009a] Cullen, J. S. (2009a). "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. ACM.
- [Cullen, 2009b] Cullen, J. S. (2009b). "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. ACM.
- [Dai et al., 2009] Dai, G.; Li, Y.; and Zheng, W. (2009). "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. ACM.
- [Deng et al., 2009] Deng, R.; Jiang, C.; and Yin, F. (2009). "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. ACM.
- [Ding et al., 2009a] Ding, G.; Li, D.; and Chen, L. (2009a). "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. ACM.
- [Ding et al., 2009b] Ding, G.; Li, L.; and Ju, Y. (2009b). "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. ACM.
- [Du et al., 2009] Du, X.; Ding, L. X.; Xie, C. W.; Xu, X.; Wang, S. w.; and Chen, L. (2009). "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. ACM.
- [Dupuis et al., 2009] Dupuis, J.-F.; Fan, Z.; and Goodman, E. (2009). "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. ACM.
- [Fan et al., 2009] Fan, Q.; Wang, P.; and Huang, J. (2009). "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. ACM.
- [Fang et al., 2009] Fang, X.; Jiang, C.; and Fan, X. (2009). "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. ACM.

- [Feng and Xu, 2009] Feng, Z. and Xu, K. (2009). "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. ACM.
- [Gan et al., 2009] Gan, C.; Ying-ying, S.; and Cang-hui, Z. (2009). "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. ACM.
- [Gong et al., 2009a] Gong, M.; Jiao, L.; and Ma, W. (2009a). "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. ACM.
- [Gong et al., 2009b] Gong, M.; Jiao, L.; and Ma, W. (2009b). "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. ACM.
- [Gu et al., 2009a] Gu, F.; Liu, H.-l.; and Liu, W. (2009a). "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. ACM.
- [Gu et al., 2009b] Gu, J.; Cao, C.; Jiao, B.; and Gu, X. (2009b). "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. ACM.
- [Gu et al., 2009c] Gu, J.; Cao, C.; Jiao, B.; and Gu, X. (2009c). "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. ACM.
- [Gu and Ding, 2009] Gu, Q. and Ding, Y. (2009). "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. ACM.
- [Guo et al., 2009a] Guo, J.-p.; Li, W.-h.; and Gao, F. (2009a). "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. ACM.
- [Guo et al., 2009b] Guo, L.; Rivero, D.; Seoane, J. A.; and Pazos, A. (2009b). "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. ACM.
- [Guo et al., 2009c] Guo, Y.-n.; Cheng, J.; and Lin, Y. (2009c). "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. ACM.
- [Guo et al., 2009d] Guo, Y.-n.; Yang, M.; and Cheng, J. (2009d). "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. ACM.
- [He et al., 2009] He, G.; Li, Y.; Shi, Z.; and Hu, T. (2009). "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. ACM.

- [Hongfeng et al., 2009] Hongfeng, X.; Guanzheng, T.; and Jingui, H. (2009). "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. ACM.
- [Hu et al., 2009a] Hu, H.; Xu, L.; and Hu, Q. (2009a). "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. ACM.
- [Hu et al., 2009b] Hu, Q.; Xu, L.; and Goodman, E. D. (2009b). "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. ACM.
- [Huang et al., 2009a] Huang, F.; Gu, J.; and Xu, J. (2009a). "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. ACM.
- [Huang et al., 2009b] Huang, M.; Cui, Y.; Wang, X.; and Dong, H. (2009b). "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. ACM.
- [Huang et al., 2009c] Huang, M.; Dong, H.-y.; Wang, X.-w.; Zheng, B.-l.; and Ip, W. H. (2009c). "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. ACM.
- [Irene et al., 2009] Irene, H. S. F.; Deris, S.; Hashim, M.; and Zaiton, S. (2009). "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. ACM.
- [Jiang et al., 2009a] Jiang, F.; Berry, H.; and Schoenauer, M. (2009a). "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. ACM.
- [Jiang et al., 2009b] Jiang, H.; Yuan, Z.; and Zhao, Y. (2009b). "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. ACM.
- [Jin et al., 2009] Jin, L.; Jia, J.; Chang, G.; and Wang, X. (2009). "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. ACM.
- [Karshenas et al., 2009] Karshenas, H.; Nikanjam, A.; Helmi, B. H.; and Rahmani, A. T. (2009). "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. ACM.
- [Kim and Yoon, 2009] Kim, Y.-H. and Yoon, Y. (2009). "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. ACM.
- [Korns, 2009] Korns, M. F. (2009). "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. ACM.

- [Li and Kong, 2009] Li, L. and Kong, F. (2009). "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. ACM.
- [Li and Wang, 2009] Li, L.-p. and Wang, L. (2009). "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. ACM.
- [Li et al., 2009a] Li, X.; Mao, Z.; and Qi, E. (2009a). "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. ACM.
- [Li et al., 2009b] Li, Y.; Shi, H.; Gong, M.; and Shang, R. (2009b). "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. ACM.
- [Li et al., 2009c] Li, Z.; Liu, S.; Xiao, D.; Chen, J.; and Li, K. (2009c). "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. ACM.
- [Li et al., 2009d] Li, Z.; Wang, Y.; Olivier, K. K.; Chen, J.; and Li, K. (2009d). "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. ACM.
- [Li et al., 2009e] Li, Z.; Xu, B.; Yang, L.; Chen, J.; and Li, K. (2009e). "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. ACM.
- [Liang and Xu, 2009a] Liang, Y. and Xu, L. (2009a). "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. ACM.
- [Liang and Xu, 2009b] Liang, Y. and Xu, L. (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*, pages 309–314, New York, NY, USA. ACM.
- [Lin, 2009] Lin, C. (2009). "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. ACM.
- [Lin et al., 2009] Lin, J.; Chen, S.; Cao, Y.; and Guan, H. (2009). "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. ACM.
- [Liu et al., 2009a] Liu, B.; Ding, Y.; and Wang, J. (2009a). "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. ACM.
- [Liu et al., 2009b] Liu, C.; Wan, W.; and Wu, Y. (2009b). "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. ACM.

- [Liu et al., 2009c] Liu, F.; Qi, Y.; Xia, Z.; and Hao, H. (2009c). "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. ACM.
- [Liu et al., 2009d] Liu, F.; Zhang, W.; Ding, Y.; Liu, X.; Zheng, M.; and Liu, Y. (2009d). "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. ACM.
- [Liu et al., 2009e] Liu, H.; Xiong, S.; and Chen, Q. (2009e). "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. ACM.
- [Liu et al., 2009f] Liu, J.; Fan, Z.; and Goodman, E. (2009f). "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. ACM.
- [Liu et al., 2009g] Liu, R.; Li, Y.; Zhang, W.; and Jiao, L. (2009g). "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. ACM.
- [Liu et al., 2009h] Liu, S.; Qiao, Y.-y.; and Wen, Q.-k. (2009h). "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. ACM.
- [Liu et al., 2009i] Liu, W.; Li, M.; Liu, Y.; Xu, Y.; and Yang, X. (2009i). "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. ACM.
- [Liu et al., 2009j] Liu, W.; Wu, M.; Peng, J.; and Wang, G. (2009j). "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. ACM.
- [Liu et al., 2009k] Liu, X.; Hu, J.; Teng, S.; Zhao, L.; and Liu, G. (2009k). "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. ACM.
- [Liu et al., 2009l] Liu, Y.; Xiong, S.; and Liu, H. (2009l). "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. ACM.
- [Liu et al., 2009m] Liu, Y.; Zhang, D.; and Leung, S. C. (2009m). "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. ACM.
- [Longcun et al., 2009] Longcun, J.; Wanggen, W.; Bin, C.; Xiaoqing, Y.; and Hongwei, X. (2009). "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. ACM.
- [LU et al., 2009] LU, F.-Q.; Huang, M.; Ching, W.-K.; Wang, X.-W.; and Sun, X.-l. (2009). "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. ACM.

- [Lu et al., 2009] Lu, Q.; Qiu, X.-n.; and Liu, S.-r. (2009). "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. ACM.
- [Luh and Hsieh, 2009] Luh, G.-C. and Hsieh, C.-C. (2009). "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. ACM.
- [Luo et al., 2009a] Luo, X.; Peng, Y.; and Wei, W. (2009a). "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. ACM.
- [Luo et al., 2009b] Luo, X.; Sun, Z.; Zhang, X.; Hu, L.; and Wang, C. (2009b). "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. ACM.
- [Lv et al., 2009] Lv, S.; Wang, S.; and Wang, X. (2009). "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. ACM.
- [Ma et al., 2009a] Ma, X.; Mu, G.; and Yu, X. (2009a). "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. ACM.
- [Ma et al., 2009b] Ma, X.; Wan, W.; and Jiao, L. (2009b). "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. ACM.
- [Min et al., 2009] Min, H.; Zeng, J.; and Luo, R. (2009). "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. ACM.
- [Mushi and Tan, 2009] Mushi, J. C. and Tan, G. (2009). "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. ACM.
- [Ning et al., 2009] Ning, B.; Cao, X.; Xu, Y.; and Zhang, J. (2009). "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. ACM.
- [Otsuki and Okada, 2009] Otsuki, A. and Okada, K. (2009). "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. ACM.
- [Ozkan et al., 2009] Ozkan, M.; Yazici, A.; Kapanoglu, M.; and Parlaktuna, O. (2009). "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. ACM.
- [Pa and Chang, 2009] Pa, P. S. and Chang, S. C. (2009). "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. ACM.
- [Pan et al., 2009] Pan, F.; Wang, G.; and Liu, Y. (2009). "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. ACM.

- [Parsopoulos, 2009] Parsopoulos, K. E. (2009). "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. ACM.
- [Peng et al., 2009a] Peng, Y.; Luo, X.; and Wei, W. (2009a). "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. ACM.
- [Peng et al., 2009b] Peng, Y.; Zhang, D.; and Chin, F. Y. (2009b). "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. ACM.
- [Pullan, 2009] Pullan, W. (2009). "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. ACM.
- [Qi et al., 2009] Qi, J.; Shao, S.; and Rong, Z. (2009). "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. ACM.
- [Qian et al., 2009] Qian, X.; Shengjing, T.; and Jie, G. (2009). "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. ACM.
- [Qin, 2009] Qin, S. (2009). "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. ACM.
- [Qiu and Lu, 2009] Qiu, X. and Lu, Q. (2009). "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. ACM.
- [Rokhlenko and Wexler, 2009] Rokhlenko, O. and Wexler, Y. (2009). "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. ACM.
- [Sekaj and Oravec, 2009] Sekaj, I. and Oravec, M. (2009). "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. ACM.
- [Seng et al., 2009] Seng, C. C.; Lian, C. C.; Spencer, L. K. M.; and Darren, O. W. S. (2009). "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. ACM.
- [Shen et al., 2009a] Shen, H.; Zhu, Y.; Zhou, X.; Guo, H.; and Chang, C. (2009a). "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. ACM.
- [Shen et al., 2009b] Shen, J.-h.; Li, C.-x.; and Li, J.-h. (2009b). "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. ACM.
- [Smith and Jiang, 2009] Smith, R. E. and Jiang, M. K. (2009). "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. ACM.



- [Su and Shen, 2009] Su, B. and Shen, Y.-D. (2009). "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. ACM.
- [Sun, 2009] Sun, S. (2009). "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. ACM.
- [Sun et al., 2009a] Sun, X.; Huang, M.; Wang, X.; and Lu, F. (2009a). "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. ACM.
- [Sun et al., 2009b] Sun, Y.; Qi, G.; Wang, Z.; van Wyk, B. J.; and Hamam, Y. (2009b). "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. ACM.
- [Tan and Guo, 2009] Tan, L. and Guo, L. (2009). "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. ACM.
- [Tan et al., 2009] Tan, Y.; Zhao, T.; and Zhao, Z. (2009). "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. ACM.
- [Tang et al., 2009] Tang, J.; Alam, S.; Abbass, H.; and Lokan, C. (2009). "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. ACM.
- [Unachak and Goodman, 2009] Unachak, P. and Goodman, E. (2009). "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. ACM.
- [Wan et al., 2009] Wan, S.; Hao, Y.; and Qiu, D. (2009). "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. ACM.
- [Wang et al., 2009a] Wang, F.; Lin, Z.; Yang, C.; and Li, Y. (2009a). "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. ACM.
- [Wang et al., 2009b] Wang, H.; Qi, H.; Li, W.; Zhang, G.; and Wang, P. (2009b). "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. ACM.
- [Wang et al., 2009c] Wang, H.; Teng, G.; Zhang, Z.; and Wang, G. (2009c). "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. ACM.
- [Wang et al., 2009d] Wang, H.; Wu, Z.; Liu, Y.; Wang, J.; Jiang, D.; and Chen, L. (2009d). "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. ACM.
- [Wang and Loo, 2009] Wang, J. and Loo, S. M. (2009). "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. ACM.

- [Wang et al., 2009e] Wang, L.; Wang, X.; and Fei, M. (2009e). "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. ACM.
- [Wang et al., 2009f] Wang, L.-F.; Zeng, J.-C.; and Hong, Y. (2009f). "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. ACM.
- [Wang et al., 2009g] Wang, X.; Wan, W.; and Yu, X. (2009g). "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. ACM.
- [Wang et al., 2009h] Wang, Y.; Wang, J.; Du, W.; Zhang, C.; Zhang, Y.; and Zhou, C. (2009h). "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. ACM.
- [Wang et al., 2009i] Wang, Y.-f.; Wang, Y.; and Mu, C.-y. (2009i). "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. ACM.
- [Wang et al., 2009j] Wang, Z.; Liu, J.-l.; and Yu, X. (2009j). "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. ACM.
- [Wang et al., 2009k] Wang, Z.-L.; Chen, Z.-H.; and Chen, H.-Y. (2009k). "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. ACM.
- [Weihua and Minrui, 2009] Weihua, D. and Minrui, F. (2009). "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. ACM.
- [Weise and Zapf, 2009] Weise, T. and Zapf, M. (2009). "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. ACM.
- [Wen et al., 2009] Wen, L.; Liu, G.; and Zhao, Y. (2009). "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. ACM.
- [Woodward and Bai, 2009a] Woodward, J. R. and Bai, R. (2009a). "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. ACM.
- [Woodward and Bai, 2009b] Woodward, J. R. and Bai, R. (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*, pages 593–600, New York, NY, USA. ACM.
- [Wu et al., 2009] Wu, C.-Y.; Zhang, C.-B.; and Wang, C.-J. (2009). "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. ACM.
- [Xie et al., 2009a] Xie, F.; He, S.; Liu, X.; Li, X.; Du, J.; Yang, J.; Fu, Y.; Chen, Y.; Wang, J.; Liu, Z.; and Zhu, Q. (2009a). "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. ACM.

- [Xie et al., 2009b] Xie, L.; Wang, Z.; and Wu, K. (2009b). "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. ACM.
- [Xie and Zeng, 2009] Xie, L.-P. and Zeng, J.-C. (2009). "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. ACM.
- [Xin et al., 2009] Xin, B.; Chen, J.; and Pan, F. (2009). "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. ACM.
- [Xu et al., 2009a] Xu, B.; Luo, W.; Pei, X.; Zhang, M.; and Wang, X. (2009a). "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. ACM.
- [Xu et al., 2009b] Xu, H.-q.; Ding, Y.-s.; and Hu, Z.-h. (2009b). "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. ACM.
- [Xu et al., 2009c] Xu, L.; Hu, H.; and Zhu, B. (2009c). "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. ACM.
- [Xu et al., 2009d] Xu, L.; Zhu, B.; and Goodman, E. D. (2009d). "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. ACM.
- [Xu et al., 2009e] Xu, Q.; Si, J.; and Wang, L. (2009e). "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. ACM.
- [Xu et al., 2009f] Xu, S.; Zhou, X.; and Sun, Y.-n. (2009f). "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. ACM.
- [Xu and Gu, 2009] Xu, W. and Gu, X. (2009). "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. ACM.
- [Xu et al., 2009g] Xu, X.; Li, Y.; Wu, Y.; and Du, X. (2009g). "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. ACM.
- [Xu et al., 2009h] Xu, Y.; Deli, Y.; and Yu, L. (2009h). "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. ACM.
- [Xu et al., 2009i] Xu, Y.; Low, M. Y. H.; and Choo, C. S. (2009i). "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. ACM.
- [Xu et al., 2009j] Xu, Z.; Gu, X.; Jiao, B.; and Gu, J. (2009j). "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. ACM.
- [Xue and Zeng, 2009] Xue, S. and Zeng, J. (2009). "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. ACM.

- [Yan and Tang, 2009] Yan, P. and Tang, L. (2009). "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. ACM.
- [Yan and Sun, 2009] Yan, S. and Sun, Z. (2009). "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. ACM.
- [Yan et al., 2009] Yan, T.; Shen, L.; An, P.; Wang, H.; and Zhang, Z. (2009). "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. ACM.
- [Yang et al., 2009a] Yang, K.; Ye, J.; Li, Z.; and Qiao, Y. (2009a). "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. ACM.
- [Yang et al., 2009b] Yang, Y.; Xiaoping, L.; Yonggang, P.; and Wei, W. (2009b). "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. ACM.
- [Yong and Zhimin, 2009] Yong, S. and Zhimin, L. (2009). "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. ACM.
- [Yu et al., 2009a] Yu, B.; Zeng, S.; Gao, S.; Yan, Z.; Shi, Y.; Yang, X.; and Xiao, B. (2009a). "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. ACM.
- [Yu et al., 2009b] Yu, S.; Cao, X.; Hu, M.; Du, W.; and Zhang, J. (2009b). "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. ACM.
- [Yu et al., 2009c] Yu, Y.-M.; Zhao, G.-Q.; and Liu, J.-D. (2009c). "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. ACM.
- [Yuan et al., 2009] Yuan, R.; Zou, X.; and Xu, C. (2009). "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. ACM.
- [Zeng et al., 2009a] Zeng, L.; Zou, F.; and Xu, X. (2009a). "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. ACM.
- [Zeng et al., 2009b] Zeng, W.; Zhao, Y.; and Zeng, J. (2009b). "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. ACM.
- [Zhang et al., 2009a] Zhang, L.; Jiao, Y. C.; Li, H.; and Zhang, F. S. (2009a). "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. ACM.

- [Zhang et al., 2009b] Zhang, M.; Zhao, S.; and Wang, X. (2009b). "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. ACM.
- [Zhang et al., 2009c] Zhang, Q.; Liu, S.; An, P.; and Zhang, Z. (2009c). "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. ACM.
- [Zhang et al., 2009d] Zhang, Q.-b.; Wu, T.-h.; and Liu, B. (2009d). "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. ACM.
- [Zhang et al., 2009e] Zhang, S.-P.; Ding, Y.-S.; and Hao, K.-R. (2009e). "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. ACM.
- [Zhang et al., 2009f] Zhang, X.-f.; Liu, J.; and Ding, Y.-s. (2009f). "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. ACM.
- [Zhao et al., 2009] Zhao, Y.; Wang, J.; and Song, Y. (2009). "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. ACM.
- [Zhou et al., 2009a] Zhou, Q.; Cui, X.; Wang, Z.; and Yang, B. (2009a). "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. ACM.
- [Zhou et al., 2009b] Zhou, Z.; Zhongke, S.; and Li, Y. (2009b). "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. ACM.
- [Zhu and Yang, 2009] Zhu, M. and Yang, Y. (2009). "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. ACM.
- [Zhu, 2009] Zhu, W. (2009). "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. ACM.
- [Zhu et al., 2009] Zhu, Y.; Ding, Y.; Li, W.; and Kemp, G. (2009). "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. ACM.
- [Zhuo et al., 2009] Zhuo, J.; Li, J.; and Wu, G. (2009). "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. ACM.