Список литературы

- [1] AGRAWAL, S. et al., 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.
- [2] BECKER, Y. L. et al., 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.
- [3] CAO, C. et al., 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.
- [4] CAO, Y. et al., 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.
- [5] CHEN, H. et al., 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.
- [6] CHEN, J. et al., 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.
- [7] CHEN, J. et al., 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.
- [8] CHEN, Q. et al., 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.
- [9] CHEN, Z. et al., 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.
- [10] SENG, C. C. et al., 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.
- [11] CULLEN, J. S., 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.
- [12] CULLEN, J. S., 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.
- [13] DENG, R. et al., 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.
- [14] DING, G. et al., 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.
- [15] DUPUIS, J.-F. et al., 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.

- [16] FAN, Q. et al., 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.
- [17] FANG, X. et al., 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.
- [18] FENG, Z. et al., 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.
- [19] GAN, C. et al., 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.
- [20] GONG, M. et al., 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.
- [21] GONG, M. et al., 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.
- [22] GU, F. et al., A bounded diameter minimum spanning tree evolutionaryalgorithm 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.
- [23] GU, J. et al., 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.
- [24] GU, Q. et al., 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.
- [25] GUO, L. et al., 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.
- [26] GUO, Y.-N. et al., 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.
- [27] GUO, Y.-N. et al., 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.
- [28] HE, G. et al., 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.
- [29] HONGFENG, X. et al., 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.
- [30] HU, H. et al., 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.

- [31] HU, Q. et al., 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.
- [32] HUANG, M. et al., 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.
- [33] IRENE, H. S. F. et al., 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.
- [34] JIANG, F. et al., 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.
- [35] KARSHENAS, H. et al., 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.
- [36] LI, L.-P. et al., 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.
- [37] LI, Z. et al., 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.
- [38] LI, Z. et al., 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.
- [39] LI, Z. et al., 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.
- [40] LIANG, Y. et al., 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.
- [41] LIANG, Y. et al., 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.
- [42] LIN, C., 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.
- [43] LIN, J. et al., 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.
- [44] LIU, B. et al., 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.
- [45] LIU, F. et al., Dynamictrust: three-dimensional dynamic computing model of trust in peer-topeer 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.
- [46] LIU, J. et al., 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.

- [47] LIU, W. et al., 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.
- [48] LIU, W. et al., 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.
- [49] LIU, X. et al., 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.
- [50] LIU, Y. et al., 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.
- [51] LU, F.-Q. et al., 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.
- [52] LU, Q. et al., 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.
- [53] LUH, G.-C. et al., 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.
- [54] MA, X. et al., 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.
- [55] MA, X. et al., 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.
- [56] MIN, H. et al., Fuzzy cmac with automatic state partition for reinforcementlearning, in GEC '09: Proceedings of the first ACM/SIGEVO Summit on Genetic and Evolutionary Computation, pages 421–428, New York, NY, USA, 2009, ACM.
- [57] MUSHI, J. C. et al., 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.
- [58] NING, B. et al., 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.
- [59] OTSUKI, A. et al., 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.
- [60] OZKAN, M. et al., Hierarchical oriented genetic algorithms for coverage path planning of multirobot 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.
- [61] PAN, F. et al., 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.
- [62] PARSOPOULOS, K. E., 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.

- [63] PULLAN, W., 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.
- [64] QIU, X. et al., 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.
- [65] ROKHLENKO, O. et al., 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.
- [66] SHEN, H. et al., 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.
- [67] SUN, Y. et al., 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.
- [68] UNACHAK, P. et al., 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.
- [69] WAN, S. et al., 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.
- [70] WANG, F. et al., 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.
- [71] WANG, H. et al., 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.
- [72] WANG, H. et al., 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.
- [73] WANG, L. et al., 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.
- [74] WANG, X. et al., 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.
- [75] WANG, Y.-F. et al., 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.
- [76] WANG, Z.-L. et al., 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.
- [77] WEIHUA, D. et al., 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.

- [78] WEISE, T. et al., 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.
- [79] WOODWARD, J. R. et al., 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.
- [80] WOODWARD, J. R. et al., 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.
- [81] WU, C.-Y. et al., 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.
- [82] XIE, L.-P. et al., 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.
- [83] XIE, L. et al., 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.
- [84] XIN, B. et al., 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.
- [85] XU, B. et al., 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.
- [86] XU, H.-Q. et al., 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.
- [87] XU, L. et al., 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.
- [88] XU, L. et al., 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.
- [89] XU, Q. et al., 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.
- [90] XU, S. et al., 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.
- [91] XU, W. et al., 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.
- [92] XU, X. et al., 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.
- [93] XU, Y. et al., 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.

- [94] XU, Z. et al., 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.
- [95] YAN, P. et al., 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.
- [96] YAN, S. et al., 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.
- [97] YU, S. et al., 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.
- [98] YUAN, R. et al., 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.
- [99] ZENG, L. et al., Mathematical model and hybrid particle swarm optimization for flexible jobshop 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.
- [100] ZHANG, M. et al., 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.
- [101] ZHANG, S.-P. et al., 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.
- [102] ZHANG, X.-F. et al., 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.
- [103] ZHOU, Q. et al., 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.
- [104] ZHU, W., 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.
- [105] ZHU, Y. et al., 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.
- [106] ZHUO, J. et al., 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.
- [107] AFFENZELLER, M. et al., 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.
- [108] AN, J. et al., 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.

- [109] CAI, Z.-S. et al., 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.
- [110] CHEN, H. et al., 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.
- [111] CHEN, Q. et al., 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.
- [112] CHEN, S.-H. et al., 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.
- [113] COMELLAS, F. et al., 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.
- [114] DAI, G. et al., 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.
- [115] DING, G. et al., 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.
- [116] DU, X. et al., 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.
- [117] GU, J. et al., 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.
- [118] GUO, J.-P. et al., 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.
- [119] HUANG, F. et al., 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.
- [120] HUANG, M. et al., 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.
- [121] JIANG, H. et al., 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.
- [122] JIN, L. et al., 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.
- [123] KIM, Y.-H. et al., 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.
- [124] KORNS, M. F., 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.

- [125] LI, L. et al., 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.
- [126] LI, X. et al., 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.
- [127] LI, Y. et al., 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.
- [128] LIU, C. et al., 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.
- [129] LIU, F. et al., 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.
- [130] LIU, H. et al., 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.
- [131] LIU, R. et al., 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.
- [132] LIU, S. et al., 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.
- [133] LIU, Y. et al., 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.
- [134] LONGCUN, J. et al., 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.
- [135] LUO, X. et al., 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.
- [136] LV, S. et al., 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.
- [137] PA, P. S. et al., 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.
- [138] PENG, Y. et al., 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.
- [139] PENG, Y. et al., 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.
- [140] YU, B. et al., 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.

- [141] QI, J. et al., Feedback-control modeling for cellualr 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.
- [142] QIAN, X. et al., 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.
- [143] QIN, S., 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.
- [144] SEKAJ, I. et al., 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.
- [145] SHEN, J.-H. et al., 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.
- [146] SMITH, R. E. et al., 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.
- [147] SU, B. et al., 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.
- [148] SUN, S., 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.
- [149] SUN, X. et al., 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.
- [150] TAN, L. et al., 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.
- [151] TAN, Y. et al., 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.
- [152] TANG, J. et al., 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.
- [153] WANG, H. et al., 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.
- [154] WANG, J. et al., 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.
- [155] WANG, L.-F. et al., 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.

- [156] WANG, Y. et al., 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.
- [157] WANG, Z. et al., 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.
- [158] WEN, L. et al., 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.
- [159] LUO, X. et al., 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.
- [160] XIE, F. et al., 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.
- [161] XU, Y. et al., 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.
- [162] XUE, S. et al., 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.
- [163] YAN, T. et al., 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.
- [164] YANG, K. et al., Free hand sketch understanding using syms-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.
- [165] YANG, Y. et al., 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.
- [166] YONG, S. et al., 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.
- [167] YU, Y.-M. et al., 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.
- [168] ZENG, W. et al., 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.
- [169] ZHANG, L. et al., 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.
- [170] ZHANG, Q. et al., 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.

- [171] ZHANG, Q.-B. et al., 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.
- [172] ZHAO, Y. et al., 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.
- [173] CAO, Z.-C. et al., 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.
- [174] ZHOU, Z. et al., 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.
- [175] ZHU, M. et al., 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.