Список литературы

[1] Takenouchi H, Tokumaru M, Muranaka N. Performance Evaluation of Interactive Evolutionary Computation with Tournament-Style Evaluation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1-8.

[2] Gunnersen S, Smith-Miles K, Lee V. Towards Objective Data Selection in Bankruptcy Prediction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 9-16.

[3] Li Z, Shang Z, Liang JJ, Niu B. An Improved Differential Evolution for Constrained Optimization with Dynamic Constraint-Handling Mechanism. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 17-22.

[4] Vitorino L, Ribeiro S, Bastos-Filho C. A Hybrid Swarm Intelligence Optimizer based on Particles and Artificial Bees for High-Dimensional Search Spaces. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 23-8.

[5] Jin Q, Liang Z. A Naive Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 29-36.

[6] de Armas J, Gonzalez Y, Miranda G, Leon C. Parallelization of the Multi-Objective Container Loading Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 37-44.

[7] Lee LK, An SY, Oh SY. Robust Fingertip Extraction with Improved Skin Color Segmentation for Finger Gesture Recognition in Human-Robot Interaction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 45-51.

[8] Mussetta M, Shadmehr H, Grimaccia F, Gandelli A, Zich R. Optimization of a Radio Frequency Energy Harvesting Device. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 52-6.

[9] Shang Z, Zhihui L, Liang JJ, Niu B. Control Parameters Self-Adaptation in Differential. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 65-70.

[10] Fonseca L, Barbosa H, Lemonge A. A study on fitness inheritance for enhanced efficiency in real-coded genetic algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 71-8.

[11] McCarthy P. Path-sharing: A new betweenness measure for community identification in networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 79-84.

[12] Oliveira LO, Mota RL, Barone DA. Clonal Selection Classifier with Data Reduction: Classification as an Optimization Task. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 85-91.

[13] Ortuno F, Florido JP, Urquiza JM, Pomares H, Prieto A, Rojas I. Optimization of Multiple Sequence Alignment Methodologies using a Multiobjective Evolutionary Algorithm based on NSGA-II. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 92-9.

[14] Ch'ng SH, Teo J. Online Evolution of Offensive Strategies in Real-Time Strategy Gaming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 100-7.

[15] Witten M, Clancey O. An Evolutionary Algorithm for Optimization of Affine Transformation Parameters for Dose Matrix Warping in Patient-Specific Quality Assurance of Radiotherapy Dose Distributions. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 108-11.

[16] Alsheddy A, Kampouridis M. Off-line Parameter Tuning for Guided Local Search Using Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 112-6.

[17] Nitschke G. Behavioral Heterogeneity, Cooperation, and Collective Construction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 117-24.

[18] Nikumbh S, Ghosh S, Jayaraman V. Biogeography-Based Informative Gene Selection and Cancer Classification Using SVM and Random Forests. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 131-6.

[19] Herbawi W, Weber M. A Genetic Local Search Algorithm for Multiobjective Time-dependent Route Planning. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 137-43.

[20] Logenthiran T, Dipti S, Ashwin MK, Raj TS. Optimal Sizing of Distributed Energy Resources for Integrated Microgrids using Evolutionary Strategy. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 144-51.

[21] Zao JK, Hornansky M, Diao PL. Design of Optimal Short-Length LT Codes Using Evolution Strategies. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 152-60.

[22] Atyabi A, Luerssen M, Fitzgibbon SP, Powers DMW. Evolutionary feature selection and electrode reduction for EEG classification. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 161-8.

[23] El-Abd M, Kamel M. Particle Swarm Optimization with Adaptive Bounds. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 169-74.

[24] Park IW, Lee KB, Kim JH. Multi-objective Evolutionary Algorithm-based Optimal Posture Control of Humanoid Robots. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 175-81.

[25] Higgs T, Stantic B, Hoque T, Sattar A. Refining Genetic Algorithm Twin Removal for High-Resolution Protein Structure Prediction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 182-9.

[26] Wei J, Wang Y. Hyper Rectangle Search Based Particle Swarm Algorithm for Dynamic Constrained Multi-Objective Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 190-7.

[27] Maali Y, Al-Jumaily A. A Novel Partially Connected Cooperative Parallel PSO-SVM Algorithm: Study Based on Sleep Apnea Detection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 198-205.

[28] Chaari I, Koubaa A, Bennaceur H, Trigui S, Al-Shalfan K. smartPATH: A Hybrid ACO-GA Algorithm for Robot Path Planning. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 206-13.

[29] Alam S, Lokan C, Abbass H. What Can Make an Airspace Unsafe? Characterizing Collision Risk using Multi-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 214-21.

[30] Sinha S, Bhola A, Panchal VK, Singhal S, Abraham A. Resolving Mixed Pixel Using Hybridization Of Ant Colony Optimization And Biogeography Based Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 222-7.

[31] Jaros J. Multi-GPU Island-Based Genetic Algorithm for Solving the Knapsack Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 236-43.

[32] Liu HL, Chen WQ, Gu F. A Novel Multi-objective Differential Evolutionary Algorithm Based Sub-region Search. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 244-9.

[33] Ruuska S, Miettinen K. Constructing Evolutionary Algorithms for Bilevel Multiobjective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 250-6.

[34] Filipic B, Lorencin I. Evolutionary Multiobjective Design of an Alternative Energy Supply System. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 257-62.

[35] Ashlock D, McNicholas S. Single Parent Generalization of Cellular Automata Rules. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 263-70.

[36] Trivedi A, Sharma D, Srinivasan D. Multi-objectivization of Short-Term Unit Commitment under Uncertainty using Evolutionary Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 271-8.

[37] Gagne C, Zinflou A. An hybrid algorithm for the industrial car sequencing problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 279-86.

[38] Sawai H. Reorganizing A New Generation Airline Network Based on An Ant-Colony Optimization-Inspired Small-World Network. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 287-94.

[39] Silveira L, Tanscheit R, Vellasco M. Quantum-Inspired Genetic Algorithms applied to Ordering Combinatorial Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 295-301.

[40] Chen JL, Tsai CW, Yang CS. An Improved LGA for Protein-Ligand Docking Prediction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 302-7.

[41] Zhang K, Li B, Tan L. Empirical study of the effect of variable correlation on grouping in Cooperative Coevolutionary Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 308-14.

[42] Rahman MO, Hussain A, Scavino E, Hannan MA, Basri H. Object Identification Using DNA Computing Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 315-21.

[43] Kovarik O, Kordik P. Max-Min Ant System with Linear Memory Complexity. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 322-6.

[44] Mallipeddi R, Lee M. Ensemble Based Face Recognition using Discriminant PCA Features. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 327-33.

[45] Neumann G, Cairns D. Targeted EDA Adapted for a Routing Problem with Variable Length Chromosomes. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 334-41.

[46] Deb K, Jain H. Handling Many-Objective Problems Using an Improved NSGA-II Procedure. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 342-9.

[47] Sharifi A, Noroozi V, Bashiri M, Hashemi AB, Meybodi MR. Two Phased Cellular PSO: A New Collaborative Cellular Algorithm for Optimization in Dynamic Environments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 350-7.

[48] Takahiro T, Takuya S, Takayuki K, Kenya J. A Relationship between Network Topology and Search Performance of PSO. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 358-63.

[49] Selvan KV, Muhammad MS, Masra SMW. Ensembles of DNA Letters for the Design of Unique DNA Library Using a Modified Version of Multi-criteria VEDEPSO Optimizer. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 364-71.

[50] Avasarala V, Bonissone P. iPresage: An innovative Patent Landscaping tool. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 372-8.

[51] Qiu JW, Zao JK, Chou YH. A Geometrically Faithful Memetic Algorithm for Searching Sparse Representations of EEG Signals. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 379-85.

[52] Lacroix B, Molina D, Herrera F. Region based memetic algorithm with LS chaining. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 386-91.

[53] Fang X, Koceja N, Zhan J, Dozier G, Dipankar D. An Artificial Immune System for Phishing Detection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 392-8.

[54] Watanabe D, Ito K. Roles of real-world properties in the Baldwin effect. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 399-406.

[55] Ngoko Y, Goldman A, Trystram D. Malleable resource sharing algorithms for cooperative resolution of problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 407-14.

[56] Tang M. Evolutionary Placement of Continuously Operating Reference Stations of Network Real-Time Kinematic. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 415-22.

[57] Picek S, Golub M, Jakobovic D. Influence of the Crossover Operator in the Performance of the Hybrid Taguchi GA. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 423-30.

[58] Jati A, Singh G, Rakshit P, Konar A, Kim E, Nagar AK. A Hybridisation of Improved Harmony Search and Bacterial Foraging for Multi-robot Motion Planning. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 431-8.

[59] He Z, Yen G. A New Fitness Evaluation Method Based on Fuzzy Logic in Multiobjective Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 439-46.

[60] Korosec P, Silc J. The Continuous Differential Ant-Stigmergy Algorithm Applied to Dynamic Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 447-54.

[61] Louzada J, Camilo-Junior C, Vincenzi A, Rodrigues C. An Elitist Evolutionary Algorithm for Automatically Generating Test Data. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 455-62.

[62] Taroco C, Carrano E, Neto O, Takahashi R. A Faster Genetic Algorithm for Substation Location and Network Design of Power Distribution Systems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 463-8.

[63] Dridi O, Krichen S, Guitouni A. A Multi-Objective Optimization Approach for Resource Assignment and Task Scheduling Problem: Application to Maritime Domain Awareness. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 469-76.

[64] Alvares M, Buarque F, Marwala T. Optimizing Risk Management Using NSGA-II. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 477-84.

[65] Li B, Li X, Mabu S, Hirasawa K. Towards Automatic Discovery and Reuse of Subroutines in Variable Size Genetic Network Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 485-92.

[66] Xu J, Lv Q, Zhou J, Dou Y. A Self-Organizing and Self-Adaptive French Flag Organism Based on Lateral Activation Model. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 493-500.

[67] Shi Q, Yin W, Song A. Analysis of Motion Detectors Evolved by Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 501-8.

[68] Hunt R, Neshatian K, Zhang M. Scalability Analysis of Genetic Programming Classifiers. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 509-16.

[69] Lehmann H, Menzel S. Evolvability as Concept for the Optimal Design of Free-Form Deformation Control Volumes. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 517-24.

[70] Takano M, Osana Y. Automatic Composition System using Genetic Algorithm and N-gram Model considering Melody Blocks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 525-32.

[71] Meng Y, Hongliang G. A Gene Regulatory Network based Framework for Self-Organization in Mobile Sensor Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 533-9.

[72] Chen S. Particle Swarm Optimization with pbest Crossover. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 540-5.

[73] Saha A, Ray T. A Repair Mechanism for Active Inequality Constraint Handling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 546-53.

[74] Zhang H, Zhu Y, Yan X. Multi-Hive Artificial Bee Colony Algorithm for Constrained Multi-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 554-61.

[75] Cheng S, Shi Y, Qin Q. Population Diversity Based Study on Search Information Propagation in Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 562-9.

[76] Guo Y, neng Chen W, Zhang J. Enhancing the Performance of Evolutionary Algorithms–A Novel Maturity-Based Adaptation Strategy. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 570-7.

[77] Kroetz M, Centeno T, Delgado M, Dorini L, Fylyk V, Vieira A, et al. Genetic Algorithms to Automatic Weld Bead Detection in Double Wall Double Image Digital Radiographs. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 578-84.

[78] Shao Z, Er MJ. A Review of Inverse Reinforcement Learning Theory and Recent Advances. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 585-92.

[79] Takahama T, Sakai S. Differential Evolution with Dynamic Strategy and Parameter Selection by Detecting Landscape Modality. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 593-600.

[80] Xu J, Lam AYS, Li VOK, Li Q, Fan X. Short Adjacent Repeat Identification Based on Chemical Reaction Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 601-8.

[81] Vathsavayi S, Raiha O, Koskimies K. Using Quality Farms in Multi-Objective Genetic Software Architecture Synthesis. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 609-16.

[82] Ter-Sarkisov A. Elitism Levels Traverse Mechanism For The Derivation of Upper Bounds on Unimodal Functions. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 617-24.

[83] Merelo Guervos JJ, Mora AM, Cruz Almaguer JA, Esparcia-Alcazar AI, Cotta C. Scaling in distributed evolutionary algorithms with persistent population. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 625-32.

[84] Saraiva R, Pinheiro P. A novel application of crossover operator to a hybrid optimization framework: investigation into cutting problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 633-9.

[85] Wan S, Xiong S, Liu Y. Prediction based Multi-strategy Differential Evolution Algorithm for Dynamic Environments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 640-7.

[86] Conesa-Munoz J, Ribeiro A, Andujar D, Fernandez-Quintanilla C, Dorado J. Multi-Path Planning Based on a NSGA-II for a Fleet of Robots to Work on Agricultural Tasks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 648-55.

[87] Shen TW, Laio TF, Chen ST. Hormone Concentration Inception: Development an Artificial Immune System with Immunomodulator (AISI) Intervention. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 656-61.

[88] Wu YL, Ho TF, Shyu SJ, Lin BMT. Discrete particle swarm optimization for materials acquisition in multi-unit libraries. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 662-8.

[89] Ghosh A, Chowdhury A, Sinha S, Vasilakos AV, Das S. A Genetic lbest PSO with Dynamically Varying Subswarm topology. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 669-75.

[90] Amaral L, Hruschka E. Never-Ending Learning Principles in Gene Ontology Classification using Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 676-83.

[91] Uchitane T, Hatanaka T. Experimental Study for Multi-Objective PSO with Single Objective Guide Selection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 684-9.

[92] Liu JL, Hsu YT, Hung CL. Development of Evolutionary Data Mining Algorithms and their Applications to Cardiac Disease Diagnosis. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 690-7.

[93] Yeh WC, Yeh YM, Chou CH, Chung YY, He X. A Radio Frequency Identification Network Design Methodology for the Decision Problem in Mackay Memorial Hospital Based on Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 698-704.

[94] Mussetta M, Grimaccia F, Zich RE. Comparison of different optimization techniques for the design of electromagnetic devices. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 705-10.

[95] Siegmund F, Ng AHC, Deb K. Finding a preferred diverse set of Pareto-optimal solutions for a limited number of function calls. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 711-8.

[96] Zhang L, Zhou C. Self Organized Parallel Genetic Algorithm to Automatically Realize Diversified Convergence. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 719-27.

[97] Vanucci S, Bicalho R, Carrano E, Takahashi R. A Modified NSGA-II for the Multiobjective Multi-mode Resource-Constrained Project Scheduling Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 728-34.

[98] Legillon F, Liefooghe A, Talbi EG. CoBRA: A Cooperative Coevolutionary Algorithm for Bilevel Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 735-42.

[99] Yao X, Gong D, Luo Y, Li M. Test Data Reduction Based on Dominance Relations of Target Statements. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 743-50.

[100] Adewumi A, Budlender N, Olusanya M. Optimizing the Assignment of Blood in a Blood Banking System: Some Initial Results. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 751-6.

[101] Datta R, Bittermann MS, Deb K, Ciftcioglu O. Probabilistic Constraint Handling in the Framework of Joint Evolutionary-Classical Optimization with Engineering Applications. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 757-64.

[102] Wen L, Gao L, Li X, Zhang G, Yang Y. Application of Free Pattern Search on the Surface Roughness Prediction in End Milling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 765-70.

[103] jiao Gong Y, Zhang J. Real-Time Traffic Signal Control for Roundabouts by Using a Novel PSO-based Fuzzy Controller. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 771-8.

[104] Xue B, Zhang M, Browne WN. New Fitness Functions in Binary Particle Swarm Optimisation for Feature Selection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 779-86.

[105] yue Qiu F, shi Wu Y, ping Wang L, Jiang B. Bipolar Preferences Dominance based Evolutionary Algorithm for Many-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 787-94.

[106] Liu Y, Chung YY, Yeh WC. Simplified Swarm Optimization with Sorted Local Search for Golf Data Classification. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 795-802.

[107] Raffe W, Zambetta F, Li X. A Survey of Procedural Terrain Generation Techniques using Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 803-10.

[108] Yuan Y, Xu H. HHS/LNS: An Integrated Search Method for Flexible Job Shop Scheduling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 811-8.

[109] Liu J, Zhong W. Continuous Game Dynamics on Populations with a Cycle Structure under Weak Selection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 819-24.

[110] Vasicek Z, Sekanina L. On Area Minimization of Complex Combinational Circuits Using Cartesian Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 825-32.

[111] Pehlivanoglu YV, Baysal O. Improved Particle Swarm Optimization: Catching the Big Wave on the Surf. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 833-40.

[112] Lu Q, Han QL. A Finite-time Particle Swarm Optimization Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 841-8.

[113] Leung SW, Zhang X, Yuen SY. Multiobjective Differential Evolution Algorithm with Opposition-Based Parameter Control. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 849-56.

[114] Fang W, Sun J, Wu X, Xu W, Vasile P. Study on the Compression-Expansion Coefficient in Drift Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 857-62.

[115] Iclanzan D, Chira C. Modeling and Replicating Higher-Order Dependencies in Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 863-70.

[116] Au CK, Leung HF. Eigenspace sampling in the mirrored variant of (1,lambda)-CMA-ES. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 871-8.

[117] Alam S, Gillian D, Riddle P, Koh YS. Hierarchical PSO Clustering Based Recommender System. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 879-86.

[118] Lee MC, Cho SB. Interactive Differential Evolution for Image Enhancement Application in Smart Phone. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 887-92.

[119] Xinguo S, Xingquan Z, Cheng C. A Cultural Clonal Selection Algorithm based Fast Vehicle Scheduling Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 893-9.

[120] Faccioli R, Nunes da Silva I, Bortot L, Delbem A. A Mono-Objective Evolutionary Algorithm with GROMACS for Protein Structure Prediction in Structural and Energetic Contexts. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 900-6.

[121] Dias D, Pacheco MA. Describing Quantum-Inspired Linear Genetic Programming from Symbolic Regression Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 907-14.

[122] Ni J, Li L, Qiao F, Wu Q. A Novel Memetic Algorithm based on the Comprehensive Learning PSO. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 915-22.

[123] Hong TP, Lin FS, Chen CH. Using the Group Genetic Algorithm for Attribute Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 923-7.

[124] Ou CM, Ou CR. Immune Memory with Associativity: Perspectives on Dynamical Systems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 928-33.

[125] Vieira S, Mendonca L, Farinha G, Sousa J. Metaheuristics for feature selection: application to sepsis outcome prediction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 934-41.

[126] Chan KY, Ling SH, Nguyen H, Jiang F. A hypoglycemic episode diagnosis system based on neural networks for Type 1 diabetes mellitus. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 942-7.

[127] Chang KT, Chin KO, Teo J, Mountstephens J. Game AI Generation using Evolutionary Multi-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 948-55.

[128] Li Y, Guo M. Phase Transition and New Fitness Function Based Genetic Inductive Loigc Programming Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 956-63.

[129] LaTorre A, Muelas S, Pena JM. Multiple Offspring Sampling in Large Scale Global Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 964-71.

[130] Rajasekhar A, Das S, Suganthan PN. Design of Fractional Order Controller for a Servohydraulic Positioning System with Micro Artificial Bee Colony Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 972-9.

[131] Nasir M, Sengupta S, Das S, Suganthan PN. An improved Multi-objective Optimization Algorithm based on Fuzzy Dominance for Risk Minimization in Biometric Sensor Network. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 980-7.

[132] Vazquez-Rodriguez S, Gomollon JA, Varela G, Paz-Lopez A. Non-Observability Analysis by Means of an Evolutionary Technique in Measured Electric Power Systems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 988-94.

[133] Yu JJQ, Li VOK, Lam AYS. Sensor Deployment for Air Pollution Monitoring Using Public Transportation System. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 995-1001.

[134] Benedicic L, Stular M, Korosec P. Balancing downlink and uplink soft-handover areas in UMTS networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1002-9.

[135] Tsai PC, Chen CM, ping Chen Y. Sparse Degrees Analysis for LT Codes Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1010-5.

[136] Liao CC, Ting CK. Extending the Lifetime of Dynamic Wireless Sensor Networks by Genetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1016-23.

[137] Zhang A, Saunders R. Towards the Evolution of a Language for Creative Design. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1024-9.

[138] Cussat-Blanc S, Sanchez S, Duthen Y. Simultaneous cooperative and conflicting behaviors handled by a Gene Regulatory Network. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1037-44.

[139] Hanif A, Smith R. Generation Path-Switching in Sequential Monte-Carlo Methods. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1045-51.

[140] Wang TD, Wu X, Fyfe C. Comparative Study of Visualisation Methods for Temporal Data. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1052-6.

[141] Pai GAV, Michel T. Differential Evolution based optimization of Risk budgeted Equity Market Neutral Portfolios. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1057-64.

[142] Sato AH. Japanese International Air Travel: The Relationship between Flight Ticket Price and Geodesic Distance. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1065-70.

[143] Wilson G, Leblanc D, Banzhaf W. Using Sector Information with Linear Genetic Programming for Intraday Equity Price Trend Analysis. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1071-8.

[144] Jevne H, Haddow P, Gaivoronski A. Evolving Constrained mean-VaR Efficient Frontiers. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1079-86.

[145] Soam V, Palafox L, Iba H. Multi-Objective Portfolio Optimization and Rebalancing Using Genetic Algorithms with Local Search. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1087-93.

[146] Yeh CH, Yang CY. Can learning affect the effectiveness of price limits? In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1094-101.

[147] Brabazon A, Silva A, O'Neill M. Optimal Patent Design: An Agent-based Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1102-9.

[148] Ma H, Fei M, Ding Z, Jin J. Biogeography-Based Optimization with Ensemble of Migration Models for Global Numerical Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1110-7.

[149] Hamza N, Sarker R, Essam D. Differential Evolution with a mix of Constraint Consensus Methods for Solving a Real-World Optimization Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1118-24.

[150] Gao K, Suganthan PN, Bao Z. A composite heuristic for the no-wait flow shop scheduling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1125-9.

[151] Cheung C, Valdes JJ, Li M. Use of evolutionary computation techniques for exploration and prediction of helicopter loads. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1130-7.

[152] Elsayed S, Sarker R, Ray T. Parameters Adaptation in Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1138-45.

[153] Zhang W, Feng X, Zhang Y, Xiong X. Information Diffusion and Its Impacts on Artificial Stock Markets in Learning Process. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1146-51.

[154] Chen SH, Gostoli U. Coordination in the El Farol Bar Problem: The Role of Social Preferences and Social Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1152-9.

[155] Tusar T, Dovgan E, Filipic B. Evolutionary Scheduling of Flexible Offers for Electricity Supply and Demand. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1160-7.

[156] Cepeda J, Rueda J, Erlich I. Identification of Dynamic Equivalents based on Heuristic Optimization for Smart Grid Applications. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1168-75.

[157] Ling SH, Nguyen H, Leung FHF, Chan KY, Jiang F. Intelligent Fuzzy Particle Swarm Optimization with Cross-Mutated Operation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1176-83.

[158] Khadem S, Chan KY, Dillon T. Optimization of neural network configurations for short-term traffic flow forecasting using orthogonal design. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1184-90.

[159] Ishibuchi H, Hoshino K, Nojima Y. Strategy Evolution in a Spatial IPD Game where Each Agent is not Allowed to Play against Itself. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1191-8.

[160] Perez D, Rohlfshagen P, Lucas S. The Physical Travelling Salesman Problem: WCCI 2012 Competition. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1199-206.

[161] Greenwood G, Ashlock D. Evolutionary Games and the Study of Cooperation: Why Has So Little Progress Been Made? In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1207-14.

[162] Ishibuchi H, Hoshino K, Nojima Y. Evolution of Strategies in a Spatial IPD Game with a Number of Different Representation Schemes. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1215-22.

[163] Mahlmann T, Togelius J, Yannakakis GN. Evolving Card Sets Towards Balancing Dominion. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1223-30.

[164] Hingston P, Masek M, Beard D. Using Monte Carlo Tree Search for Replanning in a Multistage Simultaneous Game. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1231-8.

[165] Wilson G, Harding S, Hoeber O, Devillers R, Banzhaf W. Parallel Exhaustive Search vs. Evolutionary Computation in a Large Real World Network Search Space. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1239-46.

[166] Tsutsui S, Fujimoto N. Implementation of Histogram Based Sampling Algorithm within an EDA Scheme with CUDA. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1247-54.

[167] Vazquez-Fernandez E, Coello C, Sagols F. An Evolutionary Algorithm coupled with the Hooke-Jeeves Algorithm for Tuning a Chess Evaluation Function. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1255-62.

[168] Nazmul R, Chetty M, Samudrala R, Chalmers D. Protein Structure Prediction based on Optimal Hydrophobic Core Formation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1263-71.

[169] Forghany Z, Davarynejad M, Snaar-Jagalska E. Gene Regulatory Network Model Identification Using Artificial Bee Colony and Swarm Intelligence. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1272-7.

[170] Ko GM, Reddy AS, Kumar S, Garg R, Bailey BA, Hadaegh AR. Differential Evolution-Binary Particle Swarm Optimization Algorithm for the Analysis of Aryl Beta-Diketo Acids for HIV-1 Integrase Inhibition. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1278-84.

[171] Chowdhury A, Chetty M, Vinh N. Adaptive Regulatory Genes Cardinality for Reconstructing Genetic Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1285-92.

[172] Ficici SG, Liu E, Fogel GB. Evolutionary Algorithms for Supertree Search. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1293-300.

[173] Thompson JA, Congdon CB. GAMID: Using Genetic Algorithms for the Inference of DNA Motifs That Are Represented in Only a Subset of Sequences of Interest. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1301-8.

[174] Gagne DJ, Congdon CB. Preliminary Results for GAMMI: Genetic Algorithms for Motif-Module Inference. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1309-16.

[175] Palafox L, Hitoshi I. On the use of Population Based Incremental Learning to do Reverse Engineering on Gene Regulatory Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1317-24.

[176] Wesolkowski S, Wojtaszek D. SaFESST: Stochastic Fleet Estimation Under Steady State Tasking via Evolutionary Fleet Scheduling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1325-32.

[177] Falcon R, Abielmona R. A Response-Aware Risk Management Framework for Search-and-Rescue Operations. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1333-40.

[178] Setayesh M, Mengjie Z, Mark J. Effects of Static and Dynamic Topologies in Particle Swarm Optimisation for Edge Detection in Noisy Images. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1341-8.

[179] Ciesielski V, Lam B, Nguyen ML. Comparison of Evolutionary and Conventional Feature Extraction Methods for Malt Classification. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1349-55.

[180] Fu W, Johnston M, Zhang M. Soft Edge Maps From Edge Detectors Evolved by Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1356-63.

[181] Campomanes-Alvarez BR, Damas S, Cordon O. Mesh Simplification for 3D Modeling using Evolutionary Multi-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1364-71.

[182] Nielsen SS, Dorronsoro B, Danoy G, Bouvry P. Novel Efficient Asynchronous Cooperative Co-evolutionary Multi-Objective Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1372-8.

[183] Elsayed S, Sarker R, Essam D. Memetic Multi-Topology Particle Swarm Optimizer for Constrained Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1379-86.

[184] Takahama T, Sakai S. Efficient Constrained Optimization by the Epsilon Constrained Rank-Based Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1387-94.

[185] Saha A, Ray T. Equality Constrained Multi-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1395-401.

[186] Bonyadi MR, Michalewicz Z. A Fast Particle Swarm Optimization Algorithm for the Multidimensional Knapsack Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1402-9.

[187] Engelbrecht A. Particle Swarm Optimization: Velocity Initialization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1410-7.

[188] Hardhienata M, Merrick K, Ugrinovskii V. Task Allocation in Multi-Agent Systems using Models of Motivation and Leadership. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1418-25.

[189] Guderian F, Schaffer R, Fettweis G. Dimensioning the Heterogeneous Multicluster Architecture via Parallelism Analysis and Evolutionary Computing. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1426-33.

[190] Guderian F, Schaffer R, Fettweis G. Administration- and Communication-Aware IP Core Mapping in Scalable Multiprocessor System-on-Chips via Evolutionary Computing. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1434-41.

[191] Sayed E, Esam D, Sarker R. Dependency Identification Technique for Large Scale Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1442-9.

[192] Valsecchi A, Damas S, Santamaria J. An Image Registration Approach using Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1450-7.

[193] Albukhanajer W, Jin Y, Briffa J, Williams G. Evolutionary Multi-Objective Optimization of Trace Transform for Invariant Feature Extraction. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1458-65.

[194] Feng X, Song A. Evolving Frame Splitters by Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1466-72.

[195] Zhang X, Luo W. Evolutionary Repair for Evolutionary Design of Combinational Logic Circuits. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1473-80.

[196] Sekanina L, Salajka V, Vasicek Z. Two-Step Evolution of Polymorphic Circuits for Image Multi-Filtering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1481-8.

[197] Tanaka M, Takahama T. Restoration of Motion-Blurred Line Drawings by Differential Evolution and Richardson-Lucy Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1489-96.

[198] Balazs K, Koczy LT. Hybrid Bacterial Iterated Greedy Heuristics for the Permutation Flow Shop Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1497-504.

[199] Xiong J, Abbass H, Shafi K. Multi-Uncertainty Problems (MUP) with Applications to Managing Risk in Resource-Constrained Project Scheduling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1505-12.

[200] Mitavskiy B, He J. A Polynomial Time Approximation Scheme for a Single Machine Scheduling Problem Using a Hybrid Evolutionary Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1513-20.

[201] While L, Bradstreet L. Applying the WFG Algorithm to Calculate Incremental Hypervolumes. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1521-8.

[202] Chikumbo O, Goodman E, Deb K. Approximating a multi-dimensional Pareto front for a land use management problem: A modified MOEA with an epigenetic silencing metaphor. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1529-37.

[203] Yazdani D, Akbarzadeh-Totonchi MR, Nasiri B, Meybodi MR. A New Artificial Fish Swarm Algorithm for Dynamic Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1538-45.

[204] Mezura-Montes E, Lopez-Davila EA. Adaptation and Local Search in the Modified Bacterial Foraging Algorithm for Constrained Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1546-53.

[205] Lemonge A, Barbosa H, Bernardino H. A Family of Adaptive Penalty Schemes for Steady-state Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1554-61.

[206] Orito Y, Yamamoto H, Tsujimura Y. Equality Constrained Long-Short Portfolio Replication by Using Probabilistic Model-building GA. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1562-9.

[207] Ghosh A, Ghosh A, Chowdhury A, Konar A, Kim E, Nagar AK. Linear Phase Low Pass FIR Filter Design Using Genetic Particle Swarm Optimization with Dynamically Varying Neighborhood Technique. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1570-6.

[208] Deep K, Chauhan P, Pant M. Totally Disturbed Chaotic Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1577-84.

[209] Ernst A, Singh G. Lagrangian Particle Swarm Optimization for a Resource Constrained Machine Scheduling Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1585-92.

[210] Fu H, Sendhoff B, Tang K, Yao X. Characterizing Environmental Changes in Robust Optimization Over Time. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1593-600.

[211] Xiao L, Zuo X. Multi-DEPSO—-a DE and PSO Based Hybrid Algorithm in Dynamic Environments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1601-7.

[212] Yoo JH, Seok HS, Zhang BT. Evolutionary Particle Filtering for Sequential Dependency Learning from Video Data. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1608-15.

[213] Zamuda A, Brest J. Tree Model Reconstruction Innovization Using Multi-objective Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1616-23.

[214] Zhang Z, Seah HS, Sun J. A Hybrid Particle Swarm Optimization with Cooperative Method for Multi-Object Tracking. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1624-9.

[215] Al-Sahaf H, Song A, Neshatian K, Zhang M. Extracting Image Features for Classification By Two-Tier Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1630-7.

[216] Liang JJ, Qu B, Suganthan PN, Niu B. Dynamic Multi-Swarm Particle Swarm Optimization for Multi-Objective Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1638-45.

[217] Britto A, Pozo A. Using Archiving Methods to Control Convergence and Diversity for Many-Objective Problems in Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1646-53.

[218] Junior OC, Britto A, Pozo A. A Comparison of Methods for Leader Selection in Many-Objective Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1654-61.

[219] Yan F, Le PQ, Iliyasu AM, Sun B, Garcia JA, Dong F, et al. Assessing the Similarity of Quantum Images based on Probability Measurements. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1662-7.

[220] Rahman MM, Dueck G. An Algorithm to Find Quantum Templates. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1668-74.

[221] Juan X, Han-wu C, Zhihao L, Yue R, Wanning Z. Quantum secret sharing without exclusive OR of qubits' measuring results. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1675-8.

[222] Wenping M, Yuanyuan H, Congling L, Jing L. Image Segmentation Based On A Hybrid Immune Memetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1679-86.

[223] Duma M, Twala B, Marwala T, Nelwamondo F. Classification with Missing Data using Multi-Layered Artificial Immune Systems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1687-94.

[224] Zhang W, Yen G. Immune-inspired Evolutionary Algorithm for Constrained Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1695-702.

[225] Ludwig S. Step-Optimized Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1703-11.

[226] Epitropakis M, Tasoulis D, Pavlidis N, Plagianakos V, Vrahatis M. Tracking Particle Swarm Optimizers: An adaptive approach through multinomial distribution tracking with exponential forgetting. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1712-9.

[227] Hendtlass T. Restarting Particle Swarm Optimisation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1720-8.

[228] Segredo E, Segura C, Leon C. Analysing the Robustness of Multiobjectivisation Parameters with Large Scale Optimisation Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1729-36.

[229] Cai X, Hu Z, Das S, Welch S. A Hierarchical Pareto Dominance based Multi-objective Approach for the Optimization of Gene Regulatory Network Models. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1737-42.

[230] Lee D, Gonzalez LF, Jacques P, Bugeda G. Multi-Objective Design Optimization of Morphing UAV Aerofoil/Wing Using Hybridised MOGA. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1743-50.

[231] Liu Z, Chen H, Xu J, Li W, Li Z. Deterministic Secure Quantum Communication with Mutual Authentication Based on Bell Measurement. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1751-5.

[232] Izadinia H, Ebadzadeh MM. Adaptive Quantum-Inspired Evolution Strategy. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1760-7.

[233] Borges E, Ferrari DG, de Castro LN. Silhouette-Based Clustering using an Immune Network. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1768-76.

[234] Carraro LA, de Castro LN. A Clonal Selection Algorithm to Minimize Reshuffling in Container Stacking Operations. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1777-84.

[235] Nascimento A, Vasconcelos G. An Experimental Investigation of Artificial Immune System Algorithms for Credit Risk Assessment Applications. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1785-92.

[236] Lattarulo V, Parks GT. A Preliminary Study of a new Multi-objective Optimization Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1793-800.

[237] Shim VA, Tan KC, Tan KK. A Hybrid Estimation of Distribution Algorithm for Solving the Multi-objective Multiple Traveling Salesman Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1809-16.

[238] Lin L, Ji Z, Zhu Z, He S. A Crown Jewel Defense Strategy Based Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1817-22.

[239] Deep K, Chauhan P, Pant M. Multi Task Selection including Part Mix, Tool Allocation and Process Plans in CNC Machining Centers using New Binary PSO. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1823-30.

[240] Ji Z, Tian T, Zhu Z, He S. A Memory Binary Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1831-5.

[241] Fajfar I. Selection Strategies and Random Perturbations in Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1836-42.

[242] Zhang X, Yuen SY. Opposition-Based Adaptive Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1843-50.

[243] Barmada S, Raugi M, Tucci M. Global Optimization Algorithm Based on Self-Organizing Centroids. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1851-6.

[244] Pilat M, Neruda R. An Evolutionary Strategy for Surrogate-Based Multiobjective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1857-63.

[245] Nag K, Pal T. A new Archive based Steady State Genetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1864-70.

[246] Kudo F, Yoshikawa T. Knowledge Extraction in Multi-objective Optimization Problem based on Visualization of Pareto Solutions. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1871-6.

[247] Cervante L, Xue B, Zhang M, Shang L. Binary Particle Swarm Optimisation for Feature Selection: A Filter Based Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1877-84.

[248] Zhang G, Mahfouf M, Panoutsos G, Wang S. A Multi-objective Particle Swarm Optimization Algorithm with a Dynamic Hypercube Archive, Mutation and Population Competition. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1885-91.

[249] Rada-Vilela J, Zhang M, Seah W. A Performance Study on the Effects of Noise and Evaporation in Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1892-9.

[250] Moser I, Gheorghita M. Combining Search Space Diagnostics and Optimisation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1900-7.

[251] Balcar S, Pilat M, Neruda R. An Evolutionary Algorithm for 2D Semi-Guillotinable Circular Saw Cutting. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1908-12.

[252] Bruck B, Santos A, Arroyo J. Hybrid metaheuristic for the single vehicle routing problem with deliveries and selective pickups. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1913-20.

[253] De Weerdt J, vanden Broucke S, Vanthienen J, Baesens B. Leveraging Process Discovery with Trace Clustering and Text Mining for Intelligent Analysis of Incident Management Processes. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1921-8.

[254] Buijs J, van Dongen B, van der Aals W. A Genetic Algorithm for Discovering Process Trees. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1929-36.

[255] Yang Y, Mabu S, Hirasawa K. A Multitasks Learning Approach to Autonomous Agent based on Genetic Network Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1937-43.

[256] Matayoshi M. Landscape Information Extraction from Chromosome based on a Quality Control Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1944-51.

[257] Cheng R, Yao M, Xue X, Shen B. Bisexual Evolution: A Novel Bisexual Evolutionary Framework Based on the Fisher's Runaway Process. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1952-9.

[258] Ludwig S. Clonal Selection based Genetic Algorithm for Workflow Service Selection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1960-6.

[259] Albaity H, Meshoul S, Kaban A. On Extending Quantum Behaved Particle Swarm Optimization to MultiObjective Context. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1967-74.

[260] Hadka D, Reed P, Simpson T. Diagnostic Assessment of the Borg MOEA for Many-Objective Product Family Design Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1975-84.

[261] Yuen J, Gao S, Wagner M, Neumann F. An Adaptive Data Structure for Evolutionary Multi-Objective Algorithms with Unbounded Archives. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1985-92.

[262] Hussein M, Petering M. Genetic Algorithm-Based Simulation Optimization of Stacking Algorithms for Yard Cranes to Reduce Fuel Consumption at Seaport Container Transshipment Terminals. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 1993-2000.

[263] Weerasinghe M, Sofronov G. A Modified Cross Entropy Method for Detecting Multiple Change Points in DNA Count Data. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2001-8.

[264] Coelho DG, Wanner EF, Souza SR, Carrano EG, Purshouse RC. A Multiobjective Evolutionary Algorithm for the 2D Guillotine Strip Packing Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2009-16.

[265] Chiong R, Kirley M. The Evolution of Cooperation via Stigmergic Interactions. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2017-24.

[266] Anh HT, Luis MP, Francisco CS. Intention Recognition, Commitment and the Evolution of Cooperation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2025-32.

[267] Lakshika E, Barlow M, Easton A. Fidelity and Complexity of Standing Group Conversation Simulations: A Framework for the Evolution of Multi Agent Systems through Bootstrapping Human Aesthetic Judgments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2033-40.

[268] Macharet D, Neto AA, da Camara Neto V, Campos M. Data Gathering Tour Optimization for Dubins' Vehicles. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2041-8.

[269] Riano L, McGinnity TM. A Robot that Autonomously Improves Skills by Evolving Computational Graphs. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2049-56.

[270] Bidlo M, Vasicek Z. Evolution of Cellular Automata Using Instruction-Based Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2057-64.

[271] Epitropakis M, Plagianakos V, Vrahatis M. Multimodal Optimization Using Niching Differential Evolution with Index-based Neighborhoods. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2065-72.

[272] Mallipeddi R, Lee M. Surrogate Model Assisted Ensemble Differential Evolution Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2073-80.

[273] Wang X, Tang L. Multi-objective optimization using a hybrid differential evolution algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2081-8.

[274] Sato H, Hasegawa Y, Bollegala D, Iba H. Probabilistic Model Building GP with Belief Propagation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2089-96.

[275] Li X, Li B, Mabu S, Hirasawa K. A Continuous Estimation of Distribution Algorithm by Evolving Graph Structures Using Reinforcement Learning. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2097-104.

[276] Mishra K, Gallagher M. Variable Screening for Reduced Dependency Modelling in Gaussian-based Continuous Estimation of Distribution Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2105-12.

[277] Shim VA, Tan KC, Tan KK. A Hybrid Adaptive Evolutionary Algorithm in the Domination-based and Decomposition-based Frameworks of Multi-objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2113-20.

[278] Abello M, Michalewicz Z, Bui LT. A Reactive-Proactive Approach for Solving Dynamic Scheduling with Time-varying Number of Tasks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2121-30.

[279] Mohammadi A, Omidvar MN, Li X. Reference Point Based Multi-objective Optimization Through Decomposition. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2131-8.

[280] Yuwono M, Su SW, Moulton B, Nguyen H. Fast unsupervised learning method for rapid estimation of cluster centroids. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2139-46.

[281] Atyabi A, Luerssen M, Fitzgibbon SP, Powers DMW. Dimension Reduction in EEG Data using Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2147-54.

[282] Atyabi A, Luerssen M, Fitzgibbon SP, Powers DMW. Adapting Subject-Independent Task-Specific EEG Feature Masks using PSO. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2155-61.

[283] Munoz MA, Kirley M, Halgamuge S. Landscape Characterization of Numerical Optimization Problems Using Biased Scattered Data. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2162-9.

[284] Shimoyama K, Sato K, Jeong S, Obayashi S. Comparison of the Criteria for Updating Kriging Response Surface Models in Multi-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2170-7.

[285] Arias-Montano A, Coello Coello CA, Mezura-Montes E. Multi-Objective Airfoil Shape Optimization Using a Multiple-Surrogate Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2178-85.

[286] Sengupta S, Das S, Nasir M, Vasilakos AV, Pedrycz W. Energy-Efficient Differentiated Coverage of Dynamic Objects using an Improved Evolutionary Multi-objective optimization Algorithm with Fuzzy-Dominance. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2186-93.

[287] Huo CL, Lin SY, Lai TY, Lien YS, Sun TY. Multi-Objective Differential Evolution with Taguchi-based Adjustable Proportional Distribution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2194-201.

[288] Liu R, Wang X, Li Y, Xiangrong Z. Multi-objective Invasive Weed Optimization Algortihm for Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2202-9.

[289] Dick G. Niche Allocation in Spatially-Structured Evolutionary Algorithms with Gradients. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2210-7.

[290] Leitao A, Pereira FB, Machado P. Enhancing Cluster Geometry Optimization with Island Models. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2218-25.

[291] Dorronsoro B, Bouvry P. Study of Different Small-world Topology Generation Mechanisms for Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2226-33.

[292] Tao Y, Cao J, Zhang Y, Lin J, Li M. Using Module-level Evolvable hardware Approach in Design of Sequential Logic Circuits. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2234-41.

[293] Moraglio A, Otero F, Johnson C, Thompson S, Freitas A. Evolving Recursive Programs using Non-recursive Scaffolding. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2242-9.

[294] Castle T, Johnson C. Evolving Program Trees with Limited Scope Variable Declarations. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2250-7.

[295] El-Bouri A. An Investigation of Initial Solutions on the Performance of an Iterated Local Search Algorithm for the Permutation Flowshop. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2258-62.

[296] Bansal R, Srivastava K, Srivastava S. A Hybrid Evolutionary Algorithm for the Cutwidth Minimization Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2263-70.

[297] Wu Z, Xu L, Chow TWS, Zhao M. Local Cooperation Delivers Global Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2271-8.

[298] Johnson C. Search-based Evolutionary Operators for Extensionally-defined Search Spaces: Applications to Image Search. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2279-85.

[299] Cancino W, Boukhelifa N, Lutton E. EvoGraphDice: Interactive Evolution for Visual Analytics. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2286-93.

[300] Sinha A, Pandey A, Deb K. Solving High Objective Problems in Fixed Interactions with the Decision Maker. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2294-301.

[301] Szabo C, Kroeger T. Evolving Multi-objective Strategies for Task Allocation of Scientific Workflows on Public Clouds. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2302-9.

[302] Stringer J, Lamont G, Akers G. Radar Phase-Coded Waveform Design using Multi-Objective Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2310-7.

[303] Ryu SJ, Lee KB, Kim JH. Improved Version of a Multiobjective Quantum-inspired Evolutionary Algorithm with Preference-based Selection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2318-24.

[304] Jordan CD, Kroeger T. An Evolutionary Algorithm for Bilevel Optimisation of Men's Team Pursuit Track Cycling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2325-32.

[305] Sinha A, Malo P, Deb K. Unconstrained Scalable Test Problems for Single-Objective Bilevel Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2333-40.

[306] Wesolkowski S, Wojtaszek D, Willick K. Multi-objective Optimization of the Fleet Mix Problem Using the SaFER Model. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2341-8.

[307] Tsuji M, Sato M, Tanabe A, Inagaki Y, Hashimoto T. An Asynchronous Parallel Genetic Algorithm for the Maximum Likelihood Phylogenetic Tree Search. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2349-56.

[308] Yusoh ZM, Tang M. Clustering Composite SaaS Components in Cloud Computing using a Grouping Genetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2357-64.

[309] Chira C, Gog A, Iclanzan D. Evolutionary Detection of Community Structures in Complex Networks: a New Fitness Function. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2365-72.

[310] Kim K, McKay BRI, Nguyen Xuan Hoai. Implicit Bias in Grammar-based Estimation of Distribution Genetic Programming: The Effects of Recursive Structure. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2373-80.

[311] Nicolau M, O'Neill M, Brabazon A. Termination in Grammatical Evolution: Grammar Design, Wrapping, and Tails. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2381-8.

[312] Hanada Y, Hosokawa N, Ono K, Muneyasu M. Effectiveness of Multi-step Crossover Fusions in Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2389-96.

[313] Rohler AB, Chen S. Multi-swarm hybrid for multi-modal optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2397-404.

[314] Aleti A, Moser I, Mostaghim S. Adaptive Range Parameter Control. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2405-12.

[315] Liang JJ, X B M, Qu BY, Niu B, Chen TJ. Elite Multi-Group Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2413-9.

[316] Knittel A. Learning Feature Hierarchies under Reinforcement. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2420-7.

[317] Williams H, Browne W. Integration of Learning Classifier Systems with Simultaneous Localisation and Mapping for Autonomous Robotics. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2428-35.

[318] Sengupta A, Chakraborti T, Konar A, Kim E, Nagar AK. An Adaptive Memetic Algorithm Using a Synergy of Differential Evolution and Learning Automata. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2436-43.

[319] Bhowmik P, Rakshit P, Konar A, Kim E, Nagar AK. DE-TDQL: An Adaptive Memetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2444-51.

[320] Jones G, Lovell C, Gunn S, Morgan H, Zauner KP. Enabling the Discovery of Computational Characteristics of Enzyme Dynamics. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2452-9.

[321] Poon J, Yin D, Poon S, Zhang R, Liu B, Sze D. Co-evolution of Symptom-Herb Relationship. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2460-5.

[322] Nguyen H, Wood I. Variable selection in statistical models using population-based incremental learning with applications to genome-wide association studies. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2466-73.

[323] Sandran T, Zakaria N, Pal AJ. Performance Profile of Some Hybrid Heuristic Search Techniques using Compiler Flag Selection as a Seed Example. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2474-8.

[324] Liu B, Zhang Q, Fernandez FV, Gielen G. Self-adaptive Lower Confidence Bound: A New General and Effective Prescreening Method for Gaussian Process Surrogate Model Assisted Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2479-84.

[325] Couckuyt I, Deschrijver D, Dhaene T. Towards Efficient Multiobjective Optimization: Multiobjective Statistical Criterions. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2485-92.

[326] Bodas-Sagi D, Soltero FJ, Hidalgo JI, Fernandez-Blanco P, de Vega FF. A Technique for the optimization of the parameters of Technical Indicators with Multi-Objective Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2493-500.

[327] Semenkin E, Semenkina M. Self-configuring genetic programming algorithm with modified uniform crossover. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2501-6.

[328] Xie F, Song A, Ciesielski V. Event Detection in Time Series by Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2507-14.

[329] Dao NP, Quang Uy Nguyen, Xuan Hoai Nguyen, McKay RIB. Evolving Approximations for the Gaussian Q-function by Genetic Programming with Semantic Based Crossover. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2515-20.

[330] Tasgetiren MF, Bulut O, Fadiloglu MM. A Discrete Harmony Search Algorithm for the Economic Lot Scheduling Problem with Power of Two Policy. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2521-8.

[331] Rotaru C, Brudaru O. Multi-grid Cellular Genetic Algorithm for Optimizing Variable Ordering of ROBDDs. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2529-36.

[332] Chen S, Xudiera C, Montgomery J. Simulated Annealing with Threshold Convergence. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2537-43.

[333] hui Zhan Z, Zhang J, hui Shi Y, Hai-lin L. A Modified Brain Storm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2544-51.

[334] Srivastava S, Anand Y. An Intelligent System to Address Occupational Health of Workers Exposed to High Risk Jobs. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2552-8.

[335] Bashir H, Neville R. Convergence Measurement in Evolutionary Computation using Price's Theorem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2559-66.

[336] Paul S, Kumar S, Singh L. Novel Hybrid Compact Genetic Algorithm for Simultaneous Structure and Parameter Learning of Neural Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2567-72.

[337] Lopez OJR, de Antonio A. Evolving the way of doing the right thing. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2573-80.

[338] Rabelo R, Fernandes R, Silva I. Operational Planning of Hydrothermal Systems Based on a Fuzzy-PSO Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2581-8.

[339] Yang L. Adaptive Learning Evaluation Model For Evolutionary Art. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2589-96.

[340] Huang HE, Ong YS, Chen X. Autonomous Flock Brush for Non-Photorealistic Rendering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2597-604.

[341] Unemi T. SBArt4 for an Automatic Evolutionary Art. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2605-12.

[342] Seah CW, Ong YS, Tsang IW, Jiang S. Pareto Rank Learning in Multi-objective Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2613-20.

[343] Lepagnot J, Nakib A, Oulhadj H, Siarry P. A Dynamic Multi-Agent Algorithm Applied to Challenging Benchmark Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2621-8.

[344] Hui S, Suganthan PN. Ensemble Differential Evolution with Dynamic Subpopulations and Adaptive Clearing for solving Dynamic Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2629-36.

[345] Dahlstedt P. Turn-Based Evolution as a Proposed Implementation of Artistic Creative Process. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2637-43.

[346] Liu CH, Ting CK. Polyphonic Accompaniment Using Genetic Algorithm with Music Theory. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2644-50.

[347] Asafuddoula M, Ray T, Sarker R, Alam K. An Adaptive Constraint Handling Approach Embedded MOEA/D. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2651-8.

[348] Puris A, Bello R, Molina D, Herrera F. Optimising real parameters using the information of a mesh of solutions: VMO algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2659-65.

[349] Jiang Y, Tsai P, Hao Z, Cao L. A Novel Auto-Parameters Selection Process For Image Segmentation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2666-72.

[350] Sun X, Yang L, Gong D, Li M. Interactive Genetic Algorithm Assisted with Group Decision Making-based Collective Intelligence. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2673-80.

[351] Zhang X, Zhang E, Li R. Optimized Feature Extraction by Immune Clonal Selection Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2681-6.

[352] Meiguins ASG, Limao RC, Meiguins BS, Sousa Junior SF, Freitas AA. AutoClustering - An Estimation of Distribution Algorithm for the Automatic Generation of Clustering Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2687-93.

[353] Daniels B, Corns S, Cudney E. A Comparison of Representations for the Prediction of Ground-Level Ozone Concentration. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2694-701.

[354] Fu W, Johnston M, Zhang M. Genetic Programming for Edge Detection via Balancing Individual Training Images. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2702-9.

[355] Abdulhamid F, Song A, Neshatian K, Zhang M. Evolving Genetic Programming Classifiers with Loop Structures. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2710-7.

[356] Sandin I, Andrade G, Viegas F, Madeira D, Rocha L, Salles T, et al. Aggressive and Effective Feature Selection using Genetic Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2718-25.

[357] Helbig M, Engelbrecht A. Analyses of Guide Update Approaches for Vector Evaluated Particle Swarm Optimisation on Dynamic Multi-Objective Optimisation Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2726-33.

[358] Li C, Yang S, Yang M. Maintaining Diversity by Clustering in Dynamic Environments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2734-41.

[359] Duhain J, Engelbrecht A. Towards a More Complete Classification System for Dynamically Changing Environments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2742-9.

[360] Hsu WH, Chiang TC. A Multiobjective Evolutionary Algorithm with Enhanced Reproduction Operators for the Vehicle Routing Problem with Time Windows. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2750-7.

[361] Liao XL, Ting CK. Evolutionary Algorithms Using Adaptive Mutation for the Selective Pickup and Delivery Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2758-65.

[362] Mavrovouniotis M, Yang S. Ant colony optimization with memory-based immigrants for the dynamic vehicle routing problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2766-73.

[363] Baydin AG, de Mantaras RL. Evolution of Ideas: A Novel Memetic Algorithm Based on Semantic Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2774-81.

[364] Bui V, Bender A, Abbass H. An Expressive GL-2 Grammar for Representing Story-like Scenarios. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2782-9.

[365] Montgomery J, Chen S. A Simple Strategy for Maintaining Diversity and Reducing Crowding in Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2790-7.

[366] Huo CL, Lien YS, Yu YH, Sun TY. Effectively Multi-Swarm Sharing Management for Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2798-805.

[367] Koloseni D, Lampinen J, Luukka P. Differential Evolution Classifier with Optimized Distance Measures from a Pool of Distances. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2806-12.

[368] Feng L, Ong YS, Tsang I, Tan AH. An Evolutionary Search Paradigm that Learns with Past Experiences. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2813-20.

[369] Lin JY, ping Chen Y. When and What Kind of Memetic Algorithms Perform Well. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2821-8.

[370] Bashir H, Neville R. A Hybrid Evolutionary Computation Algorithm for Global Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2829-36.

[371] Zhu L, Cao L, Yang J. Multiobjective Evolutionary Algorithm-Based Soft Subspace Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2837-44.

[372] Vahdat A, Heywood MI, Zincir-Heywood AN. Symbiotic Evolutionary Subspace Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2845-52.

[373] Segretier W, Clergue M, Collard M, Izquierdo L. An evolutionary data mining approach on hydrological data with classifier juries. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2853-60.

[374] Zhao SZ, Suganthan PN. Comprehensive Comparison of Convergence Performance of Optimization Algorithms based on Nonparametric Statistical Tests. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2861-7.

[375] Brest J, Boskovic B, Zamuda A, Fister I, Maucec MS. Self-Adaptive Differential Evolution Algorithm with a Small and Varying Population Size. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2868-75.

[376] Takahama T, Sakai S. Large Scale Optimization by Differential Evolution with Landscape Modality Detection and a Diversity Archive. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2876-83.

[377] Kumar P, Pant M. Enhanced Mutation Strategy for Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2884-9.

[378] Chen ML, Wang FS. Fuzzy optimization for a batch simultaneous saccharification and co-fermentation process by hybrid differential evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2890-7.

[379] Ramos JE, Vazquez RA. A New Objective Function to build Seismic Networks using Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2898-904.

[380] Zhu Z, Liu W, Ji Z, He S. Memetic Clustering Based on Particle Swarm Optimizer and K-Means. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2905-10.

[381] Le MN, Ong YS, Menzel S, Seah CW, Sendhoff B. Multi Co-objective Evolutionary Optimization: Cross Surrogate Augmentation for Computationally Expensive Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2911-8.

[382] Liang JJ, Ma ST, Qu BY, Niu B. Strategy Adaptative Memetic Crowding Differential Evolution For Multimodal Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2919-25.

[383] Hancer E, Ozturk C, Karaboga D. Artificial Bee Colony Based Image Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2926-30.

[384] Akay B, Kirmizi I. Structural Optimization of Wavelet Packets using Swarm Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2931-5.

[385] Chen AHL, Liang YC, Liu CC. An Artificial Bee Colony Algorithm for the Cardinality-Constrained Portfolio Optimization Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2936-43.

[386] Beer C, Hendtlass T, Montgomery J. Improving Exploration in Ant Colony Optimisation with Antennation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2944-51.

[387] Conti CR, Roisenberg M, Neto GS. ACOR-V - an Algorithm that Incorporates the Visibility Heuristic to the ACO in Continuous Domain. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2952-9.

[388] Zulvia FE, Kuo RJ, Hu TL. Solving CVRP with Time Window, Fuzzy Travel Time and Demand Via A Hybrid Ant Colony Optimization and Genetic Algortihm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2960-7.

[389] Pei Y, Takagi H. Fourier Analysis of the Fitness Landscape for Evolutionary Search Acceleration. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2968-74.

[390] Chow CK, Yuen SY. Continuous Non-revisiting Genetic Algorithm with Overlapped Search Sub-Region. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2975-82.

[391] Yu JJQ, Lam AYS, Li VOK. Real-Coded Chemical Reaction Optimization with Different Perturbation Functions. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2983-90.

[392] Zhang L, He R, Yan M. Heterogeneous double populations based hybrid genetic algorithm design for training feedforward neural networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2991-8.

[393] Pisani PH, Lorena AC. Evolutionary Neural Networks Applied to Keystroke Dynamics: Genetic and Immune Based. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 2999-3006.

[394] Yuwono M, Su SW, Moulton B, Nguyen H. Method for increasing the computation speed of an unsupervised learning approach for data clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3007-14.

[395] Fister I, Fister, Jr I, Brest J, Zumer V. Memetic Artificial Bee Colony Algorithm for Large-Scale Global Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3015-22.

[396] Cheng S, Shi Y, Qin Q. Dynamical Exploitation Space Reduction in Particle Swarm Optimization for Solving Large Scale Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3023-30.

[397] Zhang K, Li B. Cooperative Coevolution with Global Search for Large Scale Global Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3031-7.

[398] Karabulut K, Tasgetiren MF. A Discrete Artificial Bee Colony Algorithm for the Traveling Salesman Problem with Time Windows. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3038-44.

[399] Sharma TK, Pant M, Bansal JC. Artificial Bee Colony with Mean Mutation Operator for Better Exploitation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3045-51.

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[400] El-Abd M. Generalized Opposition-Based Artificial Bee Colony Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3052-5.

[401] Esteves VMC, Sousa JMC, Silva CA, Povoa APB, Gomes MI. SCant-Design: Closed Loop Supply Chain Design using Ant Colony Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3056-63.

[402] Kou J, Xiong S, Fang Z, Zong X, Bian F. Positive Point Charge Potential Field based ACO algorithm for Multi-objective Evacuation Routing Optimization Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3064-71.

[403] guan Wang W, biao Ling Y, Zhang J, ping Wang Y. Ant Colony Optimization Algorithm for Analog Filter Design. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3072-7.

[404] Bukhtoyarov V, Semenkin E. Neural Networks Ensemble Approach for Detecting Attacks in Computer Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3078-83.

[405] Lam AYS, Li VOK, Wei Z. Chemical Reaction Optimization for the Fuzzy Rule Learning Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3084-91.

[406] Sergeevich A, Bartlett S. Optimizing qubit Hamiltonian parameter estimation algorithm using PSO. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3092-4.

[407] Liu W, Ji Z, Zhu Z, He S. Survival Analysis of Gene Expression Data Using PSO Based Radial Basis Function Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3095-9.

[408] Hsiao PC, Chiang TC, Fu LC. Particle Swarm Optimization for the Minimum Energy Broadcast Problem in Wireless Ad-Hoc Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3100-7.

[409] Ahmed K, Shaheen F. PSO as a Meta-Search for Hyper-GA System to Evolve Optimal Agendas for Sequential Multi-Issue Negotiation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3108-15.

[410] Jianchao F, Min H. Nonliear Model Predictive Control of Ball-Plate System based on Gaussian Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3116-21.

[411] Richter J, Moser I. A Distributed Multiobjective Approach to Negotiations in Semi-Competitive Environments. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3122-8.

[412] Zhou A, Zhang Q, Zhang G. A Multiobjective Evolutionary Algorithm based on Decomposition and Probability Model. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3129-36.

[413] Datta R, Deb K. An Adaptive Normalization based Constrained Handling Methodology with Hybrid Bi-Objective and Penalty Function Approach. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3137-44.

[414] Menchaca-Mendez A, Coello Coello CA. Solving Multi-Objective Optimization Problems using Differential Evolution and a Maximin Selection Criterion. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3145-52.

[415] yan Sun X, shan Chen S, ping Ma X. Semi-supervised Ranking SVM-assisted IGA with Hierarchical Evaluations. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3153-60.

[416] Kattan A, Galvan E. Evolving Radial Basis Function Networks via GP for Estimating Fitness Values using Surrogate Models. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3161-7.

[417] Gong D, Yang L, Sun X, Li M. Applying knowledge of users with similar preference to construct surrogate models of IGAs. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3168-75.

[418] Cheng S, Shi Y, Qin Q. Particle Swarm Optimization based Semi-Supervised Learning on Chinese Text Categorization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3176-83.

[419] Alghamdi H, Tang L, Alshomrani S. Hybrid ACO and TOFA Feature Selection Approach for Text Classification. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3184-9.

[420] Tan SC. Simplifying and Improving Swarm-based Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3190-7.

[421] Wu Y, McCall J, Corne D, Regnier-Coudert O. Landscape Analysis for Hyperheuristic Bayesian Network Structure Learning on Unseen Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3198-205.

[422] Santana R, Mendiburu A, Lozano JA. Structural transfer using EDAs: An application to multi-marker tagging SNP selection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3206-13.

[423] Haynes D, Corns S, Venayagamoorthy G. An Exponential Moving Average Algorithm: Evolutionary Algorithms Applied to Sudoku Puzzles. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3214-21.

[424] Nguyen MV, Kirley M, Garcia-Flores R. Community Evolution in A Scientific Collaboration Network. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3222-9.

[425] Shelokar P, Quirin A, Cordon O. Automatic Extraction of Common Research Areas in World Scientograms using the Multiobjective Subdue Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3230-7.

[426] Liang YC, Juarez JRC. Multilevel Image Thresholding Using Relative Entropy and Virus Optimization Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3238-45.

[427] Siriwardana J, Halgamuge S. Fast Shortest Path Optimization Inspired by Shuttle Streaming of Physarum Polycephalum. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3246-53.

[428] Cao H, Recknagel F, Orr PT. The Experimental Study of Population-based Parameter Optimization Algorithms on Rule-based Ecological Modelling. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3254-61.

[429] Wei X, Fujimura S. Parallel Quantum Evolutionary Algorithms with Client-Server Model for Multi-Objective Optimization on Discrete Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3262-9.

[430] Pace S, Cain A, Woodward C. A Consolidated Model of Particle Swarm Optimisation Variants. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3270-7.

[431] Kelly S, Lichodzijewski P, Heywood MI. On Run Time Libraries and Hierarchical Symbiosis. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3278-85.

[432] Gong T, Shuai L. A Cross-Model Study on the Effect of Power-Laws on Language Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3286-93.

[433] Santos T, Takahashi RHC, Moreira GJP. A CMA Stochastic Differential Equation Approach for Many-Objective Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3294-9.

[434] Kafafy A, Bounekkar A, Bonnevay S. Hybrid Metaheuristics based on MOEA/D for 0/1 Multiobjective Knapsack Problems: A comparative study. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3300-7.

[435] Li Y, Chen J, Liu R, Wu J. A Spectral Clustering-Based Adaptive Hybrid Multi-Objective Harmony Search Algorithm for Community Detection. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3308-15.

[436] Hsiao PC, Chiang TC, Fu LC. A VNS-based Hyper-heuristic with Adaptive Computational Budget of Local Search. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3316-23.

[437] Grobler J, Engelbrecht AP, Kendall G, Yadavalli S. Investigating the Use of Local Search for Improving Meta-Hyper-Heuristic Performance. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3324-31.

[438] Nguyen S, Zhang M, Johnston M, Chen TK. A Coevolution Genetic Programming Method to Evolve Scheduling Policies for Dynamic Multi-objective Job Shop Scheduling Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3332-9.

[439] Sano R, Shindo T, Jin'no K, Saito T. PSO-based Multiple Optima Search Systems with Switched Topology. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3340-6.

[440] Gong M, Cai Q, Li Y, Ma J. An Improved Memetic Algorithm for Community Detection in Complex Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3347-54.

[441] Liu R, Liu Y, Li Y. An Improved Method for Multi-objective Clustering Ensemble Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3355-62.

[442] Maia R, De Castro L, Caminhas W. Bee Colonies as Model for Multimodal Continuous Optimization: The OptBees Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3363-70.

[443] Caamano P, Bellas F, Becerra JA, Diaz V, Duro RJ. Experimental Analysis of the Relevance of Fitness Landscape Topographical Characterization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3371-8.

[444] Si C, Wang L, Wu Q. Mapping Constrained Optimization Problems to Algorithms and Constraint Handling Techniques. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3379-86.

[445] Ali M, Salhieh A, Reynolds R. Socio-Cultural Evolution via Neighborhood restructuring in Intricate Multi-Layered Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3387-94.

[446] Reynolds R, Gawasmeh Y. Evolving Heterogeneous Social Fabrics for the Solution of Real-Valued Optimization Problems using Cultural Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3395-402.

[447] Ashlock D, Ashlock W. Impact of Regulatory Genes On Optimization Behavior. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3403-10.

[448] Dower S. Automatic Implementation of Evolutionary Algorithms on GPUs using ESDL. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3411-8.

[449] Regnier-Coudert O, McCall J. An Island Model Genetic Algorithm for Bayesian Network Structure Learning. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3419-26.

[450] Chakraborty U, Das S, Abbott T. Energy-Efficient Routing in Hierarchical Wireless Sensor Networks Using Differential-Evolution-Based Memetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3427-34.

[451] Huang D, Xu JX, Deng X, Venkataramanan V, Tuong HTC. GA Based High-Order Peak Filter Design With Application to Compensation of Contact-Induced Vibration in HDD Servo Systems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3435-42.

[452] Wang L, Yang B, Chen Y, Zhao X. Predict the Hydration of Portland Cement using Differential Evolution. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3443-7.

[453] Seredynski M, Danoy G, Masoud T, Bouvry P, Yoann P. Generation of Realistic Mobility for VANETs Using Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3448-55.

[454] Murakami K. A Genetic Algorithm for Probe Testing Problem on High-density PCB. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3456-63.

[455] Almakhlafi A, Knowles J. Benchmarks for Maintenance Scheduling Problems in Power Generation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3464-71.

[456] Roy S, MartInez SZ, Coello Coello CA, Sengupta S. A Multi-Objective Evolutionary Approach for Linear Antenna Array Design and SynthesisA Multi-Objective Evolutionary Approach for Linear Antenna Array Design and Synthesis A Multi-Objective Evolutionary Approach for Linear Antenna Array Design and Synthesi. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3472-9.

[457] MartInez SZ, Coello Coello CA. A Direct Local Search Mechanism for Decomposition-based Multi-Objective Evolutionary Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3480-7.

[458] Moubayed NA, hasan BAS, Gan JQ, Petrovski A, McCall J. Continuous Presentation for Multi-Objective Channel Selection in Brain-Computer Interfaces. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3488-94.

[459] Santana R, Mendiburu A, Lozano JA. An analysis of the use of probabilistic modelling for synaptic connectivity prediction from genomic data. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3495-502.

[460] Yamaguchi H, Hiroyasu T, Nunokawa S, Koizumi N, Okumura N, Yokouchi H, et al. Comparison Study of Controlling Bloat Model of GP in Constructing Filter for Cell Image Segmentation Problems. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3503-10.

[461] Goh J, Tang L, Peto T, Saleh G. An Evolutionary Approach for Determining Hidden Markov Model for Medical Image Analysis. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3511-8.

[462] Gruenewald A, Hardt S, Mielke M, Brueck R. A decentralized Charge Management for Electric Vehicles using a Genetic Algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3519-25.

[463] Lima M, Carrano E, Takahashi R. Multiobjective Planning of Wireless Local Area Networks (WLAN) Using Genetic Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3526-33.

[464] Rabelo R, Lemos M, Barbosa D. Power System Harmonics Estimation using Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3534-9.

[465] Veeramachaneni K, Wagner M, O'Reilly UM, Neumann F. Optimizing Energy Output and Layout Costs for Large Wind Farms using Particle Swarm Optimization. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3540-6.

[466] Herbawi W, Weber M. The ridematching problem with time windows in dynamic ridesharing: A model and a genetic algorithm. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3547-54.

[467] Sun Y, Lam AYS, Li VOK, Xu J, Yu JJQ. Chemical Reaction Optimization for the Optimal Power Flow Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3555-62.

[468] Handa H. Use of Graph Kernels in Estimation of Distribution Algorithms. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3563-8.

[469] Smith-Miles K, Tan T. Measuring Algorithm Footprints in Instance Space. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3569-76.

[470] Sharma TK, Pant M, Bansal JC. Some Modifications to Enhance the Performance of Artificial Bee Colony. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3577-84.

[471] Kampouridis M, Glover T, Shaghaghi AR, Tsang E. Using a Genetic Algorithm as a Decision Support Tool for the Deployment of Fiber Optic Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3585-92.

[472] Pirisi A, Grimaccia F, Mussetta M, Zich RE. An Evolutionary Optimized Device for Energy Harvesting from Traffic. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3593-8.

[473] Britto R, Neto PS, Rabelo R, Ayala W, Soares T. A Hybrid Approach to Solve the Agile Team Allocation Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3599-606.

[474] Tang J, Alam S, Lokan C, Abbass H. A Multi-objective Evolutionary Method for Dynamic Airspace Re-sectorization using Sectors Clipping and Similarities. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3607-14.

[475] Ulker O, Landa-Silva D. Evolutionary Local Search for Solving the Office Space Allocation Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3615-22.

[476] Toda Y, Narita T, Kubota N. Information Visualization based on 3D Modeling for Human-friendly Teleoperation. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3623-9.

[477] Shelton J, Dozier G, Adams J, Alford A. Permutation-Based Biometric Authentication Protocols for Mitigating Replay Attacks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3630-4.

[478] Wink S, Baeck T, Emmerich M. A Meta-Genetic Algorithm for Solving the Capacitated Vehicle Routing Problem. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3635-42.

[479] Tasoulis S, Epitropakis M, Plagianakos V, Tasoulis D. Density Based Projection Pursuit Clustering. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3643-50.

[480] Wang L, Xu W, Mabu S, Hirasawa K. Rule Accumulation Method Based on Credit Genetic Network Programming. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3651-8.

[481] Kromer P, Snasel V, Platos J, Kudelka M, Horak Z. An ACO Inspired Weighting Approach for the Spectral Partitioning of Co-authorship Networks. In: Li X, editor. Proceedings of the 2012 IEEE Congress on Evolutionary Computation. Brisbane, Australia; 2012. p. 3659-65.