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Nota di contenuto	Multiobjective Evolutionary Optimization -- A New Evolutionary Decision Theory for Many-Objective Optimization Problems -- A Multi-Objective Genetic Algorithm Based on Density -- Interplanetary Trajectory Optimization with Swing-Bys Using Evolutionary Multi-objective Optimization -- A Hybrid Evolutionary Multi-objective and SQP Based Procedure for Constrained Optimization -- Study on Application of Multi-Objective Differential Evolution Algorithm in Space Rendezvous -- The Multi-objective ITO Algorithms -- An Evolutionary

Algorithm for Dynamic Multi-Objective TSP -- The Construction of Dynamic Multi-objective Optimization Test Functions -- An Effective Dynamical Multi-objective Evolutionary Algorithm for Solving Optimization Problems with High Dimensional Objective Space -- Evolutionary Algorithms and Operators -- Operator Adaptation in Evolutionary Programming -- A Comparison of GAs Using Penalizing Infeasible Solutions and Repairing Infeasible Solutions on Average Capacity Knapsack -- About the Limit Behaviors of the Transition Operators Associated with EAs -- Differential Evolution Algorithm Based on Simulated Annealing -- A Novel Memetic Algorithm for Global Optimization Based on PSO and SFLA -- Building on Success in Genetic Programming: Adaptive Variation and Developmental Evaluation -- A Granular Evolutionary Algorithm Based on Cultural Evolution -- A Self-adaptive Mutations with Multi-parent Crossover Evolutionary Algorithm for Solving Function Optimization Problems -- Evolutionary Optimization -- A Quantum Genetic Simulated Annealing Algorithm for Task Scheduling -- Optimized Research of Resource Constrained Project Scheduling Problem Based on Genetic Algorithms -- An Evolutionary Agent System for Mathematical Programming -- Agent-Based Coding GA and Application to Combat Modeling and Simulation -- A Two-Stage Genetic Algorithm for the Multi-multicast Routing -- A Novel Lower-Dimensional-Search Algorithm for Numerical Optimization -- Performance Evaluation of Three Kinds of Quantum Optimization -- An Efficient Multilevel Algorithm for Inverse Scattering Problem -- Evolutionary Learning -- A New Evolutionary Neural Network and Its Application for the Extraction of Vegetation Anomalies -- Dynamic System Evolutionary Modeling: The Case of SARS in Beijing -- An Tableau Automated Theorem Proving Method Using Logical Reinforcement Learning -- Gene Expression Programming with DAG Chromosome -- Neural Networks -- Zhang Neural Network for Online Solution of Time-Varying Sylvester Equation -- A Global Optimization Algorithm Based on Novel Interval Analysis for Training Neural Networks -- Approximate Interpolation by Neural Networks with the Inverse Multiquadric Functions -- Decomposition Mixed Pixel of Remote Sensing Image Based on Tray Neural Network Model -- A Novel Kernel Clustering Algorithm Based Selective Neural Network Ensemble Model for Economic Forecasting -- An Evolutionary Neural Network Based Tracking Control of a Human Arm in the Sagittal Plane -- Ant Colony, Particle Swarm Optimization and Artificial Immune Systems -- New Ant Colony Optimization for Optimum Multiuser Detection Problem in DS-CDMA Systems -- A Fast Particle Swarm Optimization Algorithm with Cauchy Mutation and Natural Selection Strategy -- Fast Multi-swarm Optimization with Cauchy Mutation and Crossover Operation -- Particle Swarm Optimization Using Lévy Probability Distribution -- Re-diversification Based Particle Swarm Algorithm with Cauchy Mutation -- An Improved Multi-Objective Particle Swarm Optimization Algorithm -- Dynamic Population Size Based Particle Swarm Optimization -- An Improved Particle Swarm Optimization for Data Streams Scheduling on Heterogeneous Cluster -- A Steepest Descent Evolution Immune Algorithm for Multimodal Function Optimization -- A Hybrid Clonal Selection Algorithm Based on Multi-parent Crossover and Chaos Search -- Pattern Recognition -- Spatial Clustering Method Based on Cloud Model and Data Field -- Diversity Analysis of Information Pattern and Information Clustering Algorithm -- Instant Message Clustering Based on Extended Vector Space Model -- Continuous K-Nearest Neighbor Queries for Moving Objects -- Texture Classification of Aerial Image Based on Bayesian Networks with Hidden Nodes -- Human Motion Recognition Based on Hidden Markov

Models -- Data Mining -- Parameter Setting for Evolutionary Latent Class Clustering -- Automatic Data Mining by Asynchronous Parallel Evolutionary Algorithms -- Texture Image Retrieval Based on Contourlet Coefficient Modeling with Generalized Gaussian Distribution -- Heterogeneous Spatial Data Mining Based on Grid -- A Clustering Scheme for Large High-Dimensional Document Datasets -- Intelligent Systems -- Self-tuning PID Control of Hydro-turbine Governor Based on Genetic Neural Networks -- Adaptive Rate Selection Scheme Based on Intelligent Learning Algorithm in Wireless LANs -- The Research on Generic Project Risk Element Network Transmission Parallel Computing Model -- On the Performance of Metamodel Assisted MOEA/D -- A High Precision OGC Web Map Service Retrieval Based on Capability Aware Spatial Search Engine -- Analysis of the Performance of Balance of Digital Multi-value Based on Chebyshev Chaotic Sequence -- The Transformation Between Fuzzy Cognitive Maps and a Class of Simplified Dynamical Cognitive Networks -- Evolutionary Design -- Cryptanalysis of Two-Round DES Using Genetic Algorithms -- A Novel Artistic Image Generation Technique: Making Relief Effects Through Evolution -- Data Genome: An Abstract Model for Data Evolution -- Intrinsic Evolution of Frequency Splitter with a New Analog EHW Platform -- Towards the Role of Heuristic Knowledge in EA -- Using Instruction Matrix Based Genetic Programming to Evolve Programs -- Fuzzy Pattern Rule Induction for Information Extraction -- An Orthogonal and Model Based Multiobjective Genetic Algorithm for LEO Regional Satellite Constellation Optimization.

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