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Nota di contenuto	Data Mining -- Improvement of the multiple-view learning based on the self-organizing Maps -- Natural Language Processing Methods Used for Automatic Prediction Mechanism of Related Phenomenon -- Visual Exploration of Data with Multithread MIC Computer Architectures -- Random Forests with Weighted Voting for Anomalous Query Access Detection in Relational Databases -- Performance evaluation of the Silhouette index -- Convex Nonnegative Matrix Factorization with Rank-1 Update for Clustering -- Bioinformatics, Biometrics and Medical Applications -- On the Convergence of Quantum and Distributed Computational Models of Consciousness -- Nature-inspired Algorithms for Selecting EEG Sources for Motor Imagery based BCI -- PROCESS: Projection-based Classification of Electroencephalograph Signals -- Feature Extraction of Palm Vein Patterns Based on Two-Dimensional Density Function -- Segmentation Based Feature Selection on Classifying Proteomic Spectral Data -- SOM vs FCM vs PCA in 3d face recognition -- The Fuzzied Quasi-perception in Decision Making Concerning Treatments in Necrotizing Fasciitis -- Mobile Fuzzy System for Detecting Loss of Consciousness and Epileptic Seizure -- Customization of Joint Articulations using Soft Computing Methods -- A new method for the dynamic signature verification based on the stable partitions of the signature -- New fast algorithm for the dynamic signature verification using global features values -- IX Concurrent Parallel Processing -- Parallelization of a Block Cipher Based on Chaotic Neural Networks -- Acceleration of neighborhood evaluation for a multi-objective vehicle Routing -- A concurrent inconsistency reduction algorithm for the pairwise comparisons method -- OpenCL implementation of PSO algorithm for Quadratic Assignment Problem -- Agent Systems, Robotics and Control -- Towards a better understanding and behavior recognition of inhabitants in smart cities. A public transport case -- Aspects of structure and parameters selection of control systems using selected multi-population algorithms -- Optimization of controller structure using evolutionary algorithm -- Multi-criteria fuel distribution: a case study -- A Robust Heuristic for the Multidimensional A-star/Wavefront Hybrid Planning Algorithm -- Human-Agent Interaction Design for Decreasing Indebtedness -- XI Artificial Intelligence in Modeling and Simulation -- Fuzzy Xor Classes from Quantum Computing -- New method for non-linear correction modelling of dynamic objects with genetic programming -- Clustering algorithm based on molecular dynamics with Nose-Hoover thermostat. Application to Japanese candlesticks -- Improving the analysis of context-aware information via marker-based stigmergy and differential evolution -- Modeling manufacturing processes with disturbances - a new method based on algebraic-logical meta-model -- A new approach to nonlinear modeling based on significant operating points detection -- An Application of Differential Evolution to Positioning Queueing Systems -- Experimental evaluation of selected approaches to covariance matrix Regularization -- A new

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