**JMLC Volumes 1-5, 2010-2014**

**================================================================**

Volume 5, Issue 6, December 2014

Marghny H. Mohamed, Mohammed M. Darwieesh; Efficient mining frequent itemsets algorithms; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 823-833

Yunguang Dou, Yaping Huang, Qingyong Li; A fast template matching-based algorithm for railway bolts detection; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 835-844

Jingjing Ma, Dayong Tian, Maoguo Gong; Fuzzy clustering with non-local information for image segmentation; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 845-859

Abdallah Bashir Musa; A comparison of ℓ1-regularizion, PCA, KPCA and ICA for dimensionality reduction in logistic regression; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 861-873

Di Han, Haili Liang, Xianmin Shen, Lei Yang; Subscriber dynamic characteristics-based wireless network accessing bandwidth prediction; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 875-885

Yan Fang, Jinzhi Liu; A novel prior-based real-time click through rate prediction model; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 887-895

Tanmay Basu, C. A. Murthy; Towards enriching the quality of k-nearest neighbor rule for document classification; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 897-905

Xiuxiu Xu, Jiuzhen Liang, Sisi Lv, Qin Wu; Human facial expression analysis based on image granule LPP; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 907-921

Tongfeng Sun, Shifei Ding, Wei Chen; Reduced-reference image quality assessment through SIFT intensity ratio; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 923-931

M. Islamuddin Ahmed, M. Ashraful Amin; Retina based biometric authentication using phase congruency; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 933-945

Jingqian Wang, William Zhu, Fei-Yue Wang; Conditions for coverings to induce matroids; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 947-954

Hua Yao, William Zhu, Fei-Yue Wang; Secondary basis unique augmentation matroids and union minimal matroids; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 955-962

Jian Fu, H. John Caulfield, Chance Glenn; Primitive attempt to turn images into percepts; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 963-970

Xiaoli Wu, Yanfei Lan, Haitao Liu; Optimal revenue-sharing contract based on forecasting effort for uncertain agency problem; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 971-979

Hengrong Ju, Xibei Yang, Xiaoning Song; Dynamic updating multigranulation fuzzy rough set: approximations and reducts; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 6, December 2014, pages 981-990

Volume 5, Issue 5, October 2014

Sriraam Natarajan, Baidya Saha, Saket Joshi; Relational learning helps in three-way classification of Alzheimer patients from structural magnetic resonance images of the brain; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 659-669

Yanhong She, Xiaoli He; Uncertainty measures in rough algebra with applications to rough logic; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 671-681

Yi Liu, Xiaoyan Qin, Yang Xu; Interval-valued intuitionistic (T, S)-fuzzy filters theory on residuated lattices; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 683-696

C. Wafo Soh; Optimal filtering of measured spectral intensity, estimation of light attenuation coefficient and prediction of the euphotic zone in shallow waters; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 697-712

Li Liu, Zhengtao Yu, Jianyi Guo, Cunli Mao; Chinese Question Classification Based on Question Property Kernel; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 713-720

Da Lin, Hongjun Liu, Hong Song, Fuchen Zhang; Fuzzy neural control of uncertain chaotic systems with backlash nonlinearity; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 721-728

Amjad Rehman, Sultan Alqahtani; Virtual machine security challenges: case studies; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 729-742

Jinling Cai, William Zhu, Haijun Ding; An improved artificial bee colony algorithm for minimal time cost reduction; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 743-752

Lijun Liu, Rendong Ge, Jiana Meng; Dual subspace learning via geodesic search on Stiefel manifold; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 753-759

Chuen-Jyh Chen, Shih-Ming Yang; A model integrating fuzzy AHP with QFD for assessing technical factors in aviation safety; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 761-774

Guangming Lang, Qingguo Li, Tian Yang; An incremental approach to attribute reduction of dynamic set-valued information systems; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 775-788

Jian-Min Ma, Yee Leung, Wen-Xiu Zhang; Attribute reductions in object-oriented concept lattices; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 789-813

Yongqiang Yang, Guijun Wang, Yang Yang; Parameters optimization of polygonal fuzzy neural networks based on GA-BP hybrid algorithm; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 5, October 2014, pages 815-822

Volume 5, Issue 4, August 2014

Li He, Yan Jia, Zhaoyun Ding, Weihong Han; Hierarchical classification with a topic taxonomy via LDA; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 491-497

Masatoshi Sakawa, Takeshi Matsui; Random fuzzy bilevel linear programming through possibility-based fractile model; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 499-507

Zhai Yanhui, Li Deyu; Decision implications: a logical point of view; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 509-516

Boris Stilman; Discovering the discovery of the hierarchy of formal languages; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 517-541

Ailing De, Chengan Guo; An image segmentation method based on the fusion of vector quantization and edge detection with applications to medical image processing; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 543-551

Jia-Lien Hsu, Ya-Chao Lai; Automatic playlist generation by applying tabu search; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 553-568

Tao Kong, Gongping Yang, Lu Yang; A new finger-knuckle-print ROI extraction method based on probabilistic region growing algorithm; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 569-578

Pablo Rivas-Perea, Juan Cota-Ruiz; A nonlinear least squares quasi-Newton strategy for LP-SVR hyper-parameters selection; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 579-597

Yi Li, Xiaodong Liu; Shadow determination and compensation for face recognition; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 599-605

M. K. Bhuyan, V. Venkata Ramaraju; Hand gesture recognition and animation for local hand motions; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 607-623

Lifei Chen; EM-type method for measuring graph dissimilarity; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 625-633

Saleem Abdullah; N-dimensional (α, β)-fuzzy H-ideals in hemirings; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 635-645

Jie Ji, Peter Scholten, Qiangfu Zhao; Support to self-diagnosis with awareness; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 4, August 2014, pages 647-658

Volume 5, Issue 3, June 2014

Anguluri Rajasekhar, Ajith Abraham; A Hybrid Differential Artificial Bee Colony Algorithm based tuning of fractional order controller for Permanent Magnet Synchronous Motor drive; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 327-337

Pan Wei, Peijun Ma, Qinghua Hu, Xiaohong Su; Comparative analysis on margin based feature selection algorithms; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 339-367

Wenping Ma, Licheng Jiao, Maoguo Gong; Image change detection based on an improved rough fuzzy c-means clustering algorithm; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 369-377

Lev V. Utkin; A framework for imprecise robust one-class classification models; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 379-393

Qingyin Li, William Zhu; Closed-set lattice of regular sets based on a serial and transitive relation through matroids; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 395-401

Guoli Zhang, Hua Zuo; Research on multi-objective linear programming problem with fuzzy coefficients in constraints; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 403-412

John Q. Gan, Bashar Awwad Shiekh Hasan; A filter-dominating hybrid sequential forward floating search method for feature subset selection in high-dimensional space; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 413-423

Ziqiang Li, Mingtian Zhou, Hao Lin, Haibo Pu; A two stages sparse SVM training; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 425-434

Xia Liang, Cuiping Wei; An Atanassov’s intuitionistic fuzzy multi-attribute group decision making method based on entropy and similarity measure; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 435-444

Nenad Tomašev, Miloš Radovanović; Hubness-based fuzzy measures for high-dimensional k-nearest neighbor classification; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 445-458

Wei-Jie Chen, Yuan-Hai Shao, Ning Hong; Laplacian smooth twin support vector machine for semi-supervised classification; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 459-468

Xingwang Zhao, Jiye Liang, Fuyuan Cao; A simple and effective outlier detection algorithm for categorical data; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 469-477

Mostafa Ghazizadeh Ahsaee; Semantic similarity assessment of words using weighted WordNet; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 3, June 2014, pages 479-490

Volume 5, Issue 2, April 2014

Boris Stilman; Discovering the discovery of the No-Search Approach; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 165-191

Liangxiao Jiang, Zhihua Cai, Dianhong Wang; Bayesian Citation-KNN with distance weighting; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 193-199

Zongxia Xie, Yong Xu; Sparse group LASSO based uncertain feature selection; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 201-210

Hideki Katagiri, Takeshi Uno, Kosuke Kato; Random fuzzy bilevel linear programming through possibility-based value at risk model; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 211-224

Xiuling Liu, Dong Chen, Yalong Dong; Reconstruction of surgical instruments in virtual surgery system; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 225-231

Guoping Lin, Jiye Liang, Yuhua Qian; Topological approach to multigranulation rough sets; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 233-243

Sushmita Paul, Pradipta Maji; Gene ontology based quantitative index to select functionally diverse genes; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 245-262

Zengtai Gong, Xiaoxia Zhang; Variable precision intuitionistic fuzzy rough sets model and its application; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 263-280

Weimin Ma, Miaomiao Wang, Xiaoxi Zhu; Improved particle swarm optimization based approach for bilevel programming problem-an application on supply chain model; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 281-292

Jonathan Winkley, Ping Jiang; Adaptive probability scheme for behaviour monitoring of the elderly using a specialised ambient device; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 293-307

Na Tian, Choi-Hong Lai; Parallel quantum-behaved particle swarm optimization; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 309-318

Xin Liu, Yuhua Qian; A rule-extraction framework under multigranulation rough sets; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 2, April 2014, pages 319-326

Volume 5, Issue 1, February 2014

Xi-Zhao Wang, Abdallah Bashir Musa; Advances in neural network based learning; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 1-2

Cheng-De Zheng, Yue Zhang, Zhanshan Wang; Stability analysis of stochastic reaction–diffusion neural networks with Markovian switching and time delays in the leakage terms; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 3-12

M. Syed Ali; Robust stability of stochastic uncertain recurrent neural networks with Markovian jumping parameters and time-varying delays; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 13-22

Qingqing He, Deyou Liu, Huaiqin Wu; Robust exponential stability analysis for interval Cohen–Grossberg type BAM neural networks with mixed time delays; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 23-38

R. Raja, U. Karthik Raja, R. Samidurai; Dynamic analysis of discrete-time BAM neural networks with stochastic perturbations and impulses; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 39-50

Adel Ghazikhani, Reza Monsefi; Online neural network model for non-stationary and imbalanced data stream classification; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 51-62

Guohua Liang, Xingquan Zhu, Chengqi Zhang; The effect of varying levels of class distribution on bagging for different algorithms: An empirical study; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 63-71

Jin-Cheng Li, Wing W. Y. Ng, Daniel S. Yeung; Bi-firing deep neural networks; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 73-83

Huaiqin Wu, Kewang Wang, Qiangqiang Guo; Design of a kind of nonlinear neural networks for solving the inverse optimal value problem with convex constraints; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 85-92

Chunmei He; Approximation of polygonal fuzzy neural networks in sense of Choquet integral norms; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 93-99

Peter Sarlin; A weighted SOM for classifying data with instance-varying importance; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 101-110

Gian Luca Marcialis, Fabio Roli; A novel method for head pose estimation based on the “Vitruvian Man”; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 111-124

Shuang Liu, Lixia Tian, Yuansheng Huang; A comparative study on prediction of throughput in coal ports among three models; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 125-133

Abdel Badie Sharkawy, Mahmoud A. El-Sharief; Surface roughness prediction in end milling process using intelligent systems; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 135-150

Chun-Wei Tsai, Alexander Pelov; Computational awareness for smart grid: a review; International Journal of Machine Learning and Cybernetics; Volume 5, Issue 1, February 2014, pages 151-163

Volume 4, Issue 6, December 2013

Boris Stilman; Discovering the discovery of Linguistic Geometry; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 575-594

Xiangping Kang, Deyu Li; Dependency space, closure system and rough set theory; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 595-599

Yu Zhou, Jinbang Xu; Automatic non-interactive matting of dynamic targets in complex video using Graph Cuts; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 601-608

Niranjan Subrahmanya, Yung C. Shin; A variational Bayesian framework for group feature selection; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 609-619

Mingwen Shao, Hongzhi Yang; Two kinds of multi-level formal concepts and its application for sets approximations; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 621-630

Weihua Xu, Wenxin Sun, Yufeng Liu; Fuzzy rough set models over two universes; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 631-645

Pankaj Gupta, Mukesh K. Mehlawat; A fuzzy approach to multicriteria assignment problem using exponential membership functions; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 647-657

Zhan’ao Xue, Yunhua Xiao, Weihua Liu; Intuitionistic fuzzy filter theory of BL-algebras; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 659-669

Shihu Liu, Fusheng Yu, Weihua Xu; New approach to MCDM under interval-valued intuitionistic fuzzy environment; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 671-678

Alok Sharma, Kuldip K. Paliwal, Seiya Imoto; Principal component analysis using QR decomposition; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 679-683

Lian-Hua Fang, Ke-Dian Li, Jin-Jin Li; Properties of two types of covering-based rough sets; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 685-691

Hong Zhao, Yao Lu; Face hallucination using example-based regularization; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 693-701

Reshma Khemchandani, Anuj Karpatne; Proximal support tensor machines; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 703-712

Xia Liang, Cuiping Wei, Zhimin Chen; An intuitionistic fuzzy weighted OWA operator and its application; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 713-719

Jinhai Li, Changlin Mei; On rule acquisition in decision formal contexts; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 721-731

S. P. Tiwari, Anupam K. Singh; On bijective correspondence between IF-preorders and saturated IF-topologies; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 6, December 2013, pages 733-737

Volume 4, Issue 5, October 2013

Hongmei He, Zengchang Qin; Bisociation networks analysis for business process; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 419-426

Junyi Chai, James N. K. Liu; Dominance-based decision rule induction for multicriteria ranking; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 427-444

Changzhong Wang, Degang Chen, Qinghua Hu; On rough approximations of groups; Pages 445-449

E. A. Abo-Tabl; Rough sets and topological spaces based on similarity; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 451-458

Xiao-Xue Song, Xia Wang, Wen-Xiu Zhang; Independence of axiom sets characterizing formal concepts; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 459-468

R. Savitha, S. Suresh, N. Sundararajan; Fast learning complex-valued classifiers for real-valued classification problems; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 469-476

Shen-Ming Gu, Wei-Zhi Wu; On knowledge acquisition in multi-scale decision systems; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 477-486

Pierpaolo D’Urso, Livia De Giovanni; A fuzzy taxonomy for e-Health projects; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 487-504

Xiaoping Yang, Yu Yang; Independence of axiom sets on intuitionistic fuzzy rough approximation operators; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 505-513

M. Rajalakshmi; Concealing party-centric sensitive rules in a centralized data source; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 515-525

Yongming Li, Tieshan Li, Shaocheng Tong; Adaptive fuzzy modular backstepping output feedback control of uncertain nonlinear systems in the presence of input saturation; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 527-536

Bachir Boucheham; Efficient matching of very complex time series; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 537-550

Pan Su, Yan Li, Yingjie Li; An auto-adaptive convex map generating path-finding algorithm: Genetic Convex A\*; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 551-563

M. K. Sen, Utpal Dasgupta; Hyperrelations and generalized hypergraphs; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 5, October 2013, pages 565-574

Volume 4, Issue 4, August 2013

Amit Dhurandhar, Alin Dobra; Probabilistic characterization of nearest neighbor classifier; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 259-272

Ruchika Malhotra, Megha Khanna; Investigation of relationship between object-oriented metrics and change proneness; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 273-286

Yuhua Qian, Jiye Liang; Consistency-preserving attribute reduction in fuzzy rough set framework; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 287-299

Dustin Baumgartner, Gursel Serpen; Performance of global–local hybrid ensemble versus boosting and bagging ensembles; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 301-317

T. Kathirvalavakumar, E. Ponmalar; Self organizing map and wavelet based image compression; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 319-326

Qintao Gan; Synchronization of competitive neural networks with different time scales and time-varying delay based on delay partitioning approach; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 327-337

Konstantinos A. Chrysafis; Hybrid (fuzzy-stochastic) modelling in construction operations management; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 339-346

J. Manikandan; System-on-programmable-chip implementation of diminishing learning based pattern recognition system; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 347-363

Li Zou, Xin Liu, Zheng Pei, Degen Huang; Implication operators on the set of ∨-irreducible element in the linguistic truth-valued intuitionistic fuzzy lattice; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 365-372

Yanhong Cui, Renkuan Guo, Danni Guo; Probabilistic DEAR models; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 373-389

S. Rana, S. Jasola, R. Kumar; A boundary restricted adaptive particle swarm optimization for data clustering; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 391-400

Gongping Yang, Shaohua Pang, Yilong Yin; SIFT based iris recognition with normalization and enhancement; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 401-407

Bahador Shojaiemehr; A multi-agent based model for collective purchasing in electronic commerce; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 4, August 2013, pages 409-417

Volume 4, Issue 3, June 2013

Mani Abedini, Michael Kirley; An enhanced XCS rule discovery module using feature ranking; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 173-187

Satish K. Jain, Amalendu Patnaik; Design of custom-made stacked patch antennas: a machine learning approach; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 189-194

Jinkun Chen, Jinjin Li, Yaojin Lin; On the structure of definable sets in covering approximation spaces; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 195-206

John Thornton, Andrew Srbic; Spatial pooling for greyscale images; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 207-216

M. Barakat, D. Lefebvre, M. Khalil; Parameter selection algorithm with self adaptive growing neural network classifier for diagnosis issues; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 217-233

Thomas Rückstieß, Christian Osendorfer; Minimizing data consumption with sequential online feature selection; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 235-243

Weihua Xu, Shihu Liu, Wenxiu Zhang; Lattice-valued information systems based on dominance relation; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 3, June 2013, pages 245-257

Volume 4, Issue 2, April 2013

Peter Gu, Ahmed Ahmed Walid; Modeling, simulation and design optimization of a hoisting rig active heave compensation system; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 85-98

Takahiro Otani, Reiji Suzuki, Takaya Arita; DE/isolated/1: a new mutation operator for multimodal optimization with differential evolution; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 99-105

T. Hitendra Sarma, P. Viswanath; A hybrid approach to speed-up the k-means clustering method; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 107-117

Shitong Wang, Zhaohong Deng, Fu-lai Chung; From Gaussian kernel density estimation to kernel methods; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 119-137

Tobias Friedrich, Trent Kroeger; Weighted preferences in evolutionary multi-objective optimization; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 139-148

Adrian Letchford, Junbin Gao, Lihong Zheng; Filtering financial time series by least squares; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 149-154

Tanzila Saba, Amjad Rehman; Effects of artificially intelligent tools on pattern recognition; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 155-162

Nan Li, Gong-De Guo, Li-Fei Chen, Si Chen; Optimal subspace classification method for complex data; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 2, April 2013, pages 163-171

Volume 4, Issue 1, February 2013

Stan Lipovetsky; Additive and multiplicative mixed normal distributions and finding cluster centers; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 1-11

Abdallah Bashir Musa; Comparative study on classification performance between support vector machine and logistic regression; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 13-24

Samy A. Shedied; Optimal trajectory planning for the herding problem: a continuous time model; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 25-30

Xin Xu; Enhancing gene expression clustering analysis using tangent transformation; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 31-40

Antoni Liang, Senjian An, Wanquan Liu; Efficient sub-window search with fixed shape sub-windows; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 41-49

Reshma Khemchandani, Anuj Karpatne; Twin support vector regression for the simultaneous learning of a function and its derivatives; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 51-63

Shuming Wang, Junzo Watada; Capacitated two-stage facility location problem with fuzzy costs and demands; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 65-74

Na Liu, Fei Chen, Mingyu Lu; Spectral co-clustering documents and words using fuzzy K-harmonic means; International Journal of Machine Learning and Cybernetics; Volume 4, Issue 1, February 2013, pages 75-83

Volume 3, Issue 4, December 2012

Xiang Xu, Wanquan Liu, Svetha Venkatesh; An innovative face image enhancement based on principle component analysis; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 259-267

Alok Sharma, Seiya Imoto, Satoru Miyano; Null space based feature selection method for gene expression data; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 269-276

Yongquan Zhang, Feilong Cao, Canwei Yan; Learning rates of least-square regularized regression with strongly mixing observation; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 277-283

Malay K. Kundu, Manish Chowdhury; Interactive image retrieval using M-band wavelet, earth mover’s distance and fuzzy relevance feedback; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 285-296

Pearl P. Guan, Hong Yan; A hierarchical multilevel thresholding method for edge information extraction using fuzzy entropy; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 297-305

Peirong Lin; A discernibility matrix for the topological reduction; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 307-311

Ioannis T. Christou, George Gekas; A classifier ensemble approach to the TV-viewer profile adaptation problem; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 313-326

Alok Singh, Jorge M. S. Valente; Hybrid heuristics for the single machine scheduling problem with quadratic earliness and tardiness costs; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 327-333

Li Zhang, Xing-Hong Ling, Ji-Wen Yang; Cascaded cluster ensembles; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 4, December 2012, pages 335-343

Volume 3, Issue 3, September 2012

Huiru Zheng, Haiying Wang; Improving pattern discovery and visualisation with self-adaptive neural networks through data transformations; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 173-182

Masatoshi Sakawa, Hideki Katagiri; Fuzzy random bilevel linear programming through expectation optimization using possibility and necessity; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 183-192

Yaonan Wang, Bowen Zhou, Hui Zhang, Ji Ge; A vision-based intelligent inspector for wine production; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 193-203

Seyed-Hamid Zahiri; Classification rule discovery using learning automata; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 205-213

Chuen-Jyh Chen; Structural vibration suppression by using neural classifier with genetic algorithm; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 215-221

Xibei Yang, Xiaoning Song, Zehua Chen; On multigranulation rough sets in incomplete information system; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 223-232

Peter Sarlin; Visual tracking of the millennium development goals with a fuzzified self-organizing neural network; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 233-245

Ujjwal Maulik, Debasis Chakraborty; A novel semisupervised SVM for pixel classification of remote sensing imagery; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 3, September 2012, pages 247-258

Volume 3, Issue 2, June 2012

Changyou Chen, Junping Zhang, Xuefang He; Non-Parametric Kernel Learning with robust pairwise constraints; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 83-96

Abdel-Rahman Hedar, Rashad Ismail; Simulated annealing with stochastic local search for minimum dominating set problem; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 97-109

Xun Gong, Xin-Xin Li, Lin Feng, Ran Xia; A robust framework for face contour detection from clutter background; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 111-118

Riadh Ksantini, Boubakeur Boufama; Combining partially global and local characteristics for improved classification; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 119-131

Zhaoman Zhong, Zongtian Liu, Cunhua Li; Event ontology reasoning based on event class influence factors; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 133-139

Jiuzhen Liang, Wei Song; Clustering based on Steiner points; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 141-148

Binu P. Chacko, V. R. Vimal Krishnan; Handwritten character recognition using wavelet energy and extreme learning machine; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 149-161

Hossein Askari, Seyed-Hamid Zahiri; Decision function estimation using intelligent gravitational search algorithm; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 2, June 2012, pages 163-172

Volume 3, Issue 1, March 2012

A. J. Graaff; Clustering data in stationary environments with a local network neighborhood artificial immune system; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 1-26

Xiuling Liu, Qingquan Wang; The design and dynamic analysis of a novel 6-DOF parallel mechanism; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 27-37

Gongde Guo, Si Chen; Soft subspace clustering with an improved feature weight self-adjustment mechanism; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 39-49

Vivian T. Y. Tang, Hong Yan; Noise reduction in microarray gene expression data based on spectral analysis; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 51-57

Maria Dobrska, Hui Wang, William Blackburn; Ordinal regression with continuous pairwise preferences; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 59-70

Yanxia Qin, Dequan Zheng, Tiejun Zhao; Research on search results optimization technology with category features integration; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 71-76

Jin-Zhuang Xiao, Hong-Rui Wang, Xin-Cai Yang; Multiple faults diagnosis in motion system based on SVM; International Journal of Machine Learning and Cybernetics; Volume 3, Issue 1, March 2012, pages 77-82

Volume 2, Issue 4, December 2011

Hardik Soni, Nita H. Shah; Optimal policy for fuzzy expected value production inventory model with imprecise production preparation-time; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 219-224

Chih-Min Lin, Ming-Chia Li, Ang-Bung Ting; A robust self-learning PID control system design for nonlinear systems using a particle swarm optimization algorithm; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 225-234

Lin Yao, Chengjie Sun, Yan Wu, Xiaolong Wang; Biomedical named entity recognition using generalized expectation criteria; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 235-243

Bruce Poon, M. Ashraful Amin, Hong Yan; Performance evaluation and comparison of PCA Based human face recognition methods for distorted images; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 245-259

Wu Jun, Wang Shitong, Fu-lai Chung; Positive and negative fuzzy rule system, extreme learning machine and image classification; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 261-271

William Zhu, Shiping Wang; Matroidal approaches to generalized rough sets based on relations; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 273-279

Kaiquan Shi; Function P-sets; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 281-288

Duo Pei, Ju-Sheng Mi; Attribute reduction in decision formal context based on homomorphism; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 4, December 2011, pages 289-293

Volume 2, Issue 3, September 2011

Herón Molina-Lozano; A new fast fuzzy Cocke–Younger–Kasami algorithm for DNA strings analysis; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011,Article:209

Songfeng Zheng; Gradient descent algorithms for quantile regression with smooth approximation; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011,Article:191

Vadim Vagin, Marina Fomina; Problem of knowledge discovery in noisy databases; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011,Article:135

Omer Boehm, David R. Hardoon; Classifying cognitive states of brain activity via one-class neural networks with feature selection by genetic algorithms; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011,Article:125

Grigori Sidorov, Mario Koeppen; Editorial; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011,Article:123

Antonio Camarena-Ibarrola, Edgar Chávez; Online music tracking with global alignment; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011, pages 147-156

Boris Stilman, Vladimir Yakhnis; The Primary Language of ancient battles; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011, pages 157-176

Julio Javier Castillo; A WordNet-based semantic approach to textual entailment and cross-lingual textual entailment; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 3, September 2011, pages 177-189

Volume 2, Issue 2, June 2011

Jie Zhu, Xiaoping Li, Weiming Shen; Effective genetic algorithm for resource-constrained project scheduling with limited preemptions; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 2, June 2011, pages 55-65

Weiguo Yi, Mingyu Lu, Zhi Liu; Multi-valued attribute and multi-labeled data decision tree algorithm; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 2, June 2011, pages 67-74

Alfons Schuster; From foundational issues in artificial intelligence to intelligent memristive nano-devices; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 2, June 2011, pages 75-87

Jie Li, Guan Han, Jing Wen, Xinbo Gao; Robust tensor subspace learning for anomaly detection; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 2, June 2011, pages 89-98

G. S. Mahapatra, T. K. Mandal, G. P. Samanta; A production inventory model with fuzzy coefficients using parametric geometric programming approach; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 2, June 2011, pages 99-105

Guang-Bin Huang, Dian Hui Wang, Yuan Lan; Extreme learning machines: a survey; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 2, June 2011, pages 107-122

Volume 2, Issue 1, March 2011

Shumei Zhang, Paul McCullagh, Chris Nugent; Optimal model selection for posture recognition in home-based healthcare; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 1, March 2011, pages 1-14

Yi Tang, Pingkun Yan, Yuan Yuan, Xuelong Li; Single-image super-resolution via local learning; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 1, March 2011, pages 15-23

Li Juan Wang; An improved multiple fuzzy NNC system based on mutual information and fuzzy integral; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 1, March 2011, pages 25-36

Zhi Liu, Qihang Wu, Yun Zhang; Adaptive least squares support vector machines filter for hand tremor canceling in microsurgery; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 1, March 2011, pages 37-47

Qiang He, Congxin Wu; Separating theorem of samples in Banach space for support vector machine learning; International Journal of Machine Learning and Cybernetics; Volume 2, Issue 1, March 2011, pages 49-54

Volume 1, Issue 1-4, December 2010

Xi-Zhao Wang; International journal of machine learning and cybernetics; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 1-2

Kevin Small, Dan Roth; Margin-based active learning for structured predictions; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 3-25

Battista Biggio, Giorgio Fumera, Fabio Roli; Multiple classifier systems for robust classifier design in adversarial environments; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 27-41

Yin Zhang, Rong Jin, Zhi-Hua Zhou; Understanding bag-of-words model: a statistical framework; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 43-52

Ludmila I. Kuncheva; Full-class set classification using the Hungarian algorithm; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 53-61

Qinghua Hu, Wei Pan, Shuang An, Peijun Ma; An efficient gene selection technique for cancer recognition based on neighborhood mutual information; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 63-74

Dong Ling Tong, Robert Mintram; Genetic Algorithm-Neural Network (GANN): a study of neural network activation functions and depth of genetic algorithm search applied to feature selection; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 75-87

Nita H. Shah, Kunal T. Shukla; Optimal production schedule in declining market for an imperfect production system; International Journal of Machine Learning and Cybernetics; Volume 1, Issue 1-4, December 2010, pages 89-99