A complete fuzzy discriminant analysis approach for face recognition
Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 208-214
Xiao-ning Song, Yu-jie Zheng, Xiao-jun Wu, Xi-bei Yang, Jing-yu Yang

Nonlinear dynamic system identification and control via constructivism inspired neural network
Applied Soft Computing, Volume 3, Issue 3, November 2003, Pages 237-257
Loo Chu Kiong, Mandava Rajeswari, M. V. C. Rao

Fuzzy ARTMAP dynamic decay adjustment: An improved fuzzy ARTMAP model with a conflict resolving facility
Applied Soft Computing, Volume 8, Issue 1, January 2008, Pages 543-554
Shing Chiang Tan, M.V.C. Rao, Chee Peng Lim

Modified fuzzy c-means and Bayesian equalizer for nonlinear blind channel
Applied Soft Computing, Volume 9, Issue 3, June 2009, Pages 1090-1096
Soowhan Han, Imgeun Lee, Witold Pedrycz

Type-2 fuzzy logic-based classifier fusion for support vector machines
Applied Soft Computing, Volume 8, Issue 3, June 2008, Pages 1222-1231
Xiujuan Chen, Yong Li, Robert Harrison, Yan-Qing Zhang

Patent classification system using a new hybrid genetic algorithm support vector machine
Applied Soft Computing, In Press, Corrected Proof, Available online 24 December 2009
Chih-Hung Wu, Yun Ken, Tao Huang

Numerical solution of PDEs via integrated radial basis function networks with adaptive training algorithm
Applied Soft Computing, In Press, Corrected Proof, Available online 25 January 2010
Hong Chen, Li Kong, Wen-Jun Leng

Direct adaptive neural control for affine nonlinear systems
Applied Soft Computing, Volume 9, Issue 2, March 2009, Pages 756-764
Indrani Kar, Laxmidhar Behera

Robust incremental growing multi-experts network
Applied Soft Computing, Volume 6, Issue 2, January 2006, Pages 139-153
Chu Kiong Loo, Mandava Rajeswari, M.V.C. Rao

Non-linear channel equalization using adaptive MPNN
Applied Soft Computing, Volume 9, Issue 3, June 2009, Pages 1016-1022
Sasmita Kumari Padhy, Siba Prasada Panigrahi, Prasanta Kumar Patra, Santanu Kumar Nayak

An RBFN–Wiener hybrid filter using higher order signal statistics
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 915-922
Noriaki Suetake, Eiji Uchino

A transmission line fault locator based on Elman recurrent networks
Applied Soft Computing, Volume 9, Issue 1, January 2009, Pages 341-347
Sami Ekici, Selcuk Yildirim, Mustafa Poyraz

A distributed PSO–SVM hybrid system with feature selection and parameter optimization
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1381-1391
Cheng-Lung Huang, Jian-Fan Dun

Parameter determination of support vector machine and feature selection using simulated annealing approach
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1505-1512
Shih-Wei Lin, Zne-Jung Lee, Shih-Chieh Chen, Tsung-Yuan Tseng

Fast Constructive-Covering Algorithm for neural networks and its implement in classification
Applied Soft Computing, Volume 8, Issue 1, January 2008, Pages 166-173
Di Wang

An incremental adaptive neural network model for online noisy data regression and its application to compartment fire studies
Applied Soft Computing, In Press, Corrected Proof, Available online 25 January 2010
Eric Wai Ming Lee

Modified Recursive Least Squares algorithm to train the Hybrid Multilayered Perceptron (HMLP) network
Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 236-244
Mohammad Subhi Al-Batah, Nor Ashidi Mat Isa, Kamal Zuhairi Zamli, Khairun Azizi Azizli

A computer vision approach for weeds identification through Support Vector Machines
Applied Soft Computing, In Press, Corrected Proof, Available online 25 January 2010
Alberto Tellaeche, Gonzalo Pajares, Xavier P. Burgos-Artizzu, Angela Ribeiro

CPBUM neural networks for modeling with outliers and noise
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 957-967
Chen-Chia Chuang, Jin-Tsong Jeng

Enhancing the classification accuracy by scatter-search-based ensemble approach
Applied Soft Computing, In Press, Corrected Proof, Available online 4 February 2010
Shih-Chieh Chen, Shih-Wei Lin, Shuo-Yan Chou

Facing classification problems with Particle Swarm Optimization
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 652-658
I. De Falco, A. Della Cioppa, E. Tarantino

Threshold accepting trained principal component neural network and feature subset selection: Application to bankruptcy prediction in banks
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1539-1548
V. Ravi, C. Pramodh

No-reference image quality assessment using modified extreme learning machine classifier
Applied Soft Computing, Volume 9, Issue 2, March 2009, Pages 541-552
S. Suresh, R. Venkatesh Babu, H.J. Kim

Weather analysis using ensemble of connectionist learning paradigms
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 995-1004
Imran Maqsood, Ajith Abraham

Tracking performance control of a cable communicated underwater vehicle using adaptive neural network controllers
Applied Soft Computing, Volume 10, Issue 3, June 2010, Pages 908-918
A. Bagheri, T. Karimi, N. Amanifard

A novel clustering approach: Artificial Bee Colony (ABC) algorithm
Applied Soft Computing, In Press, Corrected Proof, Available online 22 December 2009
Dervis Karaboga, Celal Ozturk

A generic optimising feature extraction method using multiobjective genetic programming
Applied Soft Computing, In Press, Corrected Proof, Available online 26 February 2010
Yang Zhang, Peter I. Rockett

Employing Multiple-Kernel Supp ort Vector Machines for Counterfeit Banknote Recognition
Applied Soft Computing, In Press, Accepted Manuscript, Available online 7 May 2010
Chi-Yuan Yeh, Wen-Pin Su, Shie-Jue Lee

Feature extraction and gating techniques for ultrasonic shaft signal classification
Applied Soft Computing, Volume 7, Issue 1, January 2007, Pages 156-165
Kyungmi Lee, Vladimir Estivill-Castro

Power signal classification using dynamic wavelet network
Applied Soft Computing, Volume 9, Issue 1, January 2009, Pages 118-125
B. Biswal, P.K. Dash, B.K. Panigrahi, J.B.V. Reddy

Dynamic classification for video stream using support vector machine
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1314-1325
Mariette Awad, Yuichi Motai

Uncertainty measures for fuzzy relations and their applications
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 1135-1143
Daren Yu, Qinghua Hu, Congxin Wu

A new Kernelized hybrid c-mean clustering model with optimized parameters
Applied Soft Computing, Volume 10, Issue 2, March 2010, Pages 381-389
Meena Tushir, Smriti Srivastava

Hybrid ANN reducing training time requirements and decision delay for equalization in presence of co-channel interference
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1536-1538
Siba Prasada Panigrahi, Santanu Kumar Nayak, Sasmita Kumari Padhy

Time sequence data mining using time–frequency analysis and soft computing techniques
Applied Soft Computing, Volume 8, Issue 1, January 2008, Pages 202-215
P.K. Dash, H.S. Behera, I.W.C. Lee

Multi-class iteratively refined negative selection classifier
Applied Soft Computing, Volume 8, Issue 2, March 2008, Pages 972-984
Urszula Markowska-Kaczmar, Bartosz Kordas

A Type-2 Neuro-fuzzy System Based on Clustering and Gradient Techniques Applied to System Identification and Channel Equalization
Applied Soft Computing, In Press, Accepted Manuscript, Available online 2 May 2010
Rahib H. Abiyev, Okyay Kaynak, Tayseer Alshanableh, Fakhreddin Mamedov

Ex-ray: Data mining and mental health
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 923-928
Joachim Diederich, Aqeel Al-Ajmi, Peter Yellowlees

Hybrid neural network models for hydrologic time series forecasting
Applied Soft Computing, Volume 7, Issue 2, March 2007, Pages 585-592
Ashu Jain, Avadhnam Madhav Kumar

Bankruptcy prediction modeling with hybrid case-based reasoning and genetic algorithms approach
Applied Soft Computing, Volume 9, Issue 2, March 2009, Pages 599-607
Hyunchul Ahn, Kyoung-jae Kim

Word segmentation of handwritten text using supervised classification techniques
Applied Soft Computing, Volume 7, Issue 1, January 2007, Pages 71-88
Yi Sun, Timothy S. Butler, Alex Shafarenko, Rod Adams, Martin Loomes, Neil Davey

On-line system identification of complex systems using Chebyshev neural networks
Applied Soft Computing, Volume 7, Issue 1, January 2007, Pages 364-372
S. Purwar, I.N. Kar, A.N. Jha

A model updating strategy for predicting time series with seasonal patterns
Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 276-283
Jose A. Guajardo, Richard Weber, Jaime Miranda

A neural network-based sliding-mode control for rotating stall and surge in axial compressors
Applied Soft Computing, In Press, Corrected Proof, Available online 11 February 2010

J. Javadi Moghaddam, M.H. Farahani, N. Amanifard

Large population size IGA with individuals' fitness not assigned by user
Applied Soft Computing, In Press, Corrected Proof, Available online 25 January 2010
Dunwei Gong, Jie Yuan

Unsupervised adaptive neural-fuzzy inference system for solving differential equations
Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 267-275
Hadi Sadoghi Yazdi, Reza Pourreza

A Clustering-based Differential Evolution for Global Optimization
Applied Soft Computing, In Press, Accepted Manuscript, Available online 13 May 2010
Zhihua Cai, Wenyin Gong, Charles X. Ling, Harry Zhang

Memetic Pareto Evolutionary Artificial Neural Networks to determine growth/no-growth in predictive microbiology
Applied Soft Computing, In Press, Corrected Proof, Available online 16 December 2009
J.C. Fernández, C. Hervás, F.J. Martínez-Estudillo, P.A. Gutiérrez

Designing a hierarchical fuzzy logic controller using the differential evolution approach
Applied Soft Computing, Volume 7, Issue 2, March 2007, Pages 481-491
France Cheong, Richard Lai

Soft computing methods applied to the control of a flexible robot manipulator
Applied Soft Computing, Volume 9, Issue 1, January 2009, Pages 149-158
B. Subudhi, A.S. Morris

Development of dynamic cognitive networks as complex systems approximators: validation in financial time series
Applied Soft Computing, Volume 5, Issue 2, January 2005, Pages 157-179
D.E. Koulouriotis, I.E. Diakoulakis, D.M. Emiris, C.D. Zopounidis

Hybrid multi-agent framework for detection of stealthy probes
Applied Soft Computing, Volume 7, Issue 3, June 2007, Pages 631-641
Srinivas Mukkamala, Andrew H. Sung, Ajith Abraham

Non-Mercer hybrid kernel for linear programming support vector regression in nonlinear systems identification
Applied Soft Computing, Volume 9, Issue 1, January 2009, Pages 94-99
Zhao Lu, Jing Sun

Eliciting transparent fuzzy model using differential evolution
Applied Soft Computing, Volume 8, Issue 1, January 2008, Pages 466-476
M. Eftekhari, S.D. Katebi, M. Karimi, A.H. Jahanmiri

Incremental modeling with rough and fine tuning method
Applied Soft Computing, In Press, Corrected Proof, Available online 16 December 2009
Sung-Suk Kim, Keun-Chang Kwak

B-spline neural network design using improved differential evolution for identification of an experimental nonlinear process
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1513-1522
Leandro dos Santos Coelho, Fabio A. Guerra

Modeling nonlinear elastic behavior of reinforced soil using artificial neural networks
Applied Soft Computing, Volume 9, Issue 3, June 2009, Pages 954-961
Shouling He, Jiang Li

Optimal matching by the transiently chaotic neural network
Applied Soft Computing, Volume 9, Issue 3, June 2009, Pages 863-873
Abdolreza Mirzaei, Reza Safabakhsh

Direct adaptive neural flight control system for an unstable unmanned aircraft
Applied Soft Computing, Volume 8, Issue 2, March 2008, Pages 937-948
S. Suresh, N. Kannan

Competitive fuzzy edge detection
Applied Soft Computing, Volume 3, Issue 2, September 2003, Pages 123-137
Lily Rui Liang, Carl G. Looney

Neural networks modeling of shear strength of SFRC corbels without stirrups
Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 135-148
Shailendra Kumar, S.V. Barai

Automatic extraction and identification of chart patterns towards financial forecast
Applied Soft Computing, Volume 7, Issue 4, August 2007, Pages 1197-1208
James N.K. Liu, Raymond W.M. Kwong

A novel ensemble of classifiers for microarray data classification
Applied Soft Computing, Volume 8, Issue 4, September 2008, Pages 1664-1669
Yuehui Chen, Yaou Zhao

Steady-state image processing
Applied Soft Computing, Volume 1, Issue 1, June 2001, Pages 53-62
Mario Köppen, Javier Ruiz-del-Solar

BCH coding and intelligent watermark embedding: Employing both frequency and strength selection
Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 332-343
Imran Usman, Asifullah Khan

Multiple Instance Learning with Multiple Objective Genetic Programming for Web Mining
Applied Soft Computing, In Press, Corrected Proof, Available online 24 October 2009
Amelia Zafra, Eva L. Gibaja, Sebastián Ventura

A soft computing-based approach for integrated training and rule extraction from artificial neural networks: DIFACONN-miner

Applied Soft Computing, Volume 10, Issue 1, January 2010, Pages 304-317
Lale Özbakır, Adil Baykasoğlu, Sinem Kulluk

A hybrid learning algorithm with a similarity-based pruning strategy for self-adaptive neuro-fuzzy systems
Applied Soft Computing, Volume 9, Issue 4, September 2009, Pages 1354-1366
Gang Leng, Xiao-Jun Zeng, John A. Keane