

IEEE TRANSACTIONS ON CYBERNETICS

A PUBLICATION OF THE IEEE SYSTEMS, MAN, AND CYBERNETICS SOCIETY



Indexed in PubMed® and MEDLINE®, products of the United States National Library of Medicine



JANUARY 2019

VOLUME 49

NUMBER 1

ITCEB8

(ISSN 2168-2267)

REGULAR PAPERS

Fuzzy Adaptive Compensation Control of Uncertain Stochastic Nonlinear Systems With Actuator Failures and Input Hysteresis	J. Wang, Z. Liu, C. L. P. Chen, and Y. Zhang	2
An Efficient Second-Order Algorithm for Self-Organizing Fuzzy Neural Networks	H. Han, L. Zhang, X. Wu, and J. Qiao	14
DECAL: Decomposition-Based Coevolutionary Algorithm for Many-Objective Optimization	Y.-H. Zhang, Y.-J. Gong, T.-L. Gu, H.-Q. Yuan, W. Zhang, S. Kwong, and J. Zhang	27
Collision-Free Path Planning and Delivery Sequence Optimization in Noncoplanar Radiation Therapy	B. Ye, Q. Tang, J. Yao, and W. Gao	42
Sparse Bayesian Learning-Based Kernel Poisson Regression	Y. Jia, S. Kwong, W. Wu, R. Wang, and W. Gao	56
Self-Organizing RBF Neural Network Using an Adaptive Gradient Multiobjective Particle Swarm Optimization	H. Han, X. Wu, L. Zhang, Y. Tian, and J. Qiao	69
Regularizing Knowledge Transfer in Recommendation With Tag-Inferred Correlation	P. Hao, G. Zhang, L. Martinez, and J. Lu	83
Pricing Mechanism With Noncooperative Game and Revenue Sharing Contract in Electricity Market	K. Ma, C. Wang, J. Yang, C. Hua, and X. Guan	97
Learning Stylometric Representations for Authorship Analysis	S. H. H. Ding, B. C. M. Fung, F. Iqbal, and W. K. Cheung	107
Distributed Optimization for Multiagent Systems: An Edge-Based Fixed-Time Consensus Approach	B. Ning, Q.-L. Han, and Z. Zuo	122
Hierarchical Bayesian Inference and Learning in Spiking Neural Networks	S. Guo, Z. Yu, F. Deng, X. Hu, and F. Chen	133

(Contents Continued on Page 1)

(Contents Continued from Front Cover)

Online Scale Adaptive Visual Tracking Based on Multilayer Convolutional Features	X. Wang, Z. Hou, W. Yu, Z. Jin, Y. Zha, and X. Qin	146
Better Dense Trajectories by Motion in Videos	Y. Liu, J. Shen, W. Wang, H. Sun, and L. Shao	159
A Dynamic Event-Triggered Transmission Scheme for Distributed Set-Membership Estimation Over Wireless Sensor Networks	X. Ge, Q.-L. Han, and Z. Wang	171
Evolutionary Multiobjective Blocking Lot-Streaming Flow Shop Scheduling With Machine Breakdowns	Y. Han, D. Gong, Y. Jin, and Q. Pan	184
An Improved Mixture of Probabilistic PCA for Nonlinear Data-Driven Process Monitoring	J. Zhang, H. Chen, S. Chen, and X. Hong	198
Uncertainty Propagation in Fuzzy Grey Cognitive Maps With Hebbian-Like Learning Algorithms	J. L. Salmeron and P. R. Palos-Sanchez	211
Constructive Neural Network Learning	S. Lin, J. Zeng, and X. Zhang	221
An Iterative Co-Saliency Framework for RGBD Images	R. Cong, J. Lei, H. Fu, W. Lin, Q. Huang, X. Cao, and C. Hou	233
Locally Weighted Fusion of Structural and Attribute Information in Graph Clustering	Y. Li, C. Jia, X. Kong, L. Yang, and J. Yu	247
Fault Tolerant Sliding Mode Predictive Control for Uncertain Steer-by-Wire System	C. Huang, F. Naghdy, and H. Du	261
Norm Discriminant Eigenspace Transform for Pattern Classification	K. R. Murthy and A. Ghosh	273
A Decomposition-Based Many-Objective Artificial Bee Colony Algorithm	Y. Xiang, Y. Zhou, L. Tang, and Z. Chen	287
Fuzzy Rule-Based Design of Evolutionary Algorithm for Optimization	S. Elsayed, R. Sarker, and C. A. Coello Coello	301
Design of a Wireless Control System With Unreliable Nodes and Communication Links	A. W. Al-Dabbagh	315
Dynamic Cluster Formation Game for Attributed Graph Clustering	Z. Bu, H.-J. Li, J. Cao, Z. Wang, and G. Gao	328
Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms	H. Du, W. Zhu, G. Wen, Z. Duan, and J. Lü	342
Dynamic Coverage Control in a Time-Varying Environment Using Bayesian Prediction	L. Zuo, Y. Shi, and W. Yan	354
