

IEEE TRANSACTIONS ON **FUZZY SYSTEMS**

A PUBLICATION OF THE IEEE NEURAL NETWORKS SOCIETY



APRIL 2002

VOLUME 10

NUMBER 2

IEFSEV

(ISSN 1063-6706)

PAPERS

Type-2 Fuzzy Sets Made Simple	<i>J. M. Mendel and R. I. B. John</i>	117
Global Optimal Fuzzy Tracker Design Based on Local Concept Approach	<i>S.-J. Wu and C.-T. Lin</i>	128
DENFIS: Dynamic Evolving Neural-Fuzzy Inference System and Its Application for Time-Series Prediction	<i>N. K. Kasabov and Q. Song</i>	144
A TSK-Type Recurrent Fuzzy Network for Dynamic Systems Processing by Neural Network and Genetic Algorithms	<i>C.-F. Juang</i>	155
Complex Fuzzy Sets	<i>D. Ramot, R. Milo, M. Friedman, and A. Kandel</i>	171

BRIEF PAPERS

Fuzzy Linear Pulse-Transfer Function-Based Sliding-Mode Control for Nonlinear Discrete-Time Systems	<i>C.-L. Hwang</i>	187
Hybrid Adaptive Fuzzy Identification and Control of Nonlinear Systems	<i>M. Hojati and S. Gazor</i>	198
Evolution-Based Design of Neural Fuzzy Networks Using Self-Adapting Genetic Parameters	<i>G. Alpaydm, G. Diindar, and S. Balkir</i>	211
Fuzzy Differential Games for Nonlinear Stochastic Systems: Suboptimal Approach	<i>B.-S. Chen, C.-S. Tseng, and H.-J. Uang</i>	222
Sliding Mode Neural Network Inference Fuzzy Logic Control for Active Suspension Systems	<i>N. Al-Holou, T. Lahdhiri, D. S. Joo, J. Weaver, and F. Al-Abbas</i>	234
An Adaptive Neuro-Fuzzy System for Automatic Image Segmentation and Edge Detection	<i>V. Boskovitz and H. Guterman</i>	247
Reducing the Time Complexity of the Fuzzy <i>C</i> -Means Algorithm	<i>J. F. Kolen and T. Hutcheson</i>	263
An Approach to Adaptive Control of Fuzzy Dynamic Systems	<i>G. Feng</i>	268
