CONTENTS

Guest Editorial Special Issue on Novel Fuzzy Computing for Solving Current Engineering and Science Problems........ Bao Rong Chang, Shing-Tai Pan, and Tzung-Pei Hong

Regular Paper

Lip Processing and Modeling based on Spatial Fuzzy Clustering in Color Images........ R. Rohani, F. Sobhanmanesh, S. Alizadeh, and R. Boostani

Special Issue Paper

VLSI Architecture of Fuzzy Logic Hardware Implementation: a Review........ Asim M. Murshid, Sajad A. Loan, Shuja A. Abbasi, and Abdul Rahman M. Alamoud

Different Objective Functions in Fuzzy c-Means Algorithms and Kernel-Based Clustering.............................. Sadaaki Miyamoto

Fuzzy Multilevel Lot-sizing Problem Based on Signed distance and Centroid.......... Tien-Tsai Huang

Mining a Complete Set of Fuzzy Multiple-Level Rules........................................... Tzung-Pei Hong, Chu-Tien Chiu, Shyue-Liang Wang, and Kuei-Ying Lin

Hybrid Intelligent Data Fusion Approach to Collision Warning Information Extraction. ......................................... Bao Rong Chang and Hsiu-Fen Tsai

Fuzzy Vector Quantization on the Modeling of Discrete Hidden Markov Model for Speech Recognition.......................... Shing-Tai Pan

Protein 3D HP Model Folding Simulation Using a Hybrid of Genetic Algorithm and Particle Swarm Optimization........... Cheng-Jian Lin and Shih-Chieh Su

Technical Note

A New Existence and Uniqueness Theorem for Fuzzy Differential Equations........ Xiaowei Chen and Zhongfeng Qin