

List of Contents

Volume 16, Number 2, October 2011

Special Issue on COMPUTATIONAL INTELLIGENCE

Preface: Hirosato Seki, Osaka Institute of Technology, JAPAN	1
A Review on different controllers used for Blood Glucose regulation system SUREKHA KAMATH, V.I.GEORGE, SUDHA VIDYASAGAR	3-12
Distance-adjusted Fuzzy Interpersonal Motions Expression for Mobile Eye Robot in Mascot Robot System Yoichi YAMAZAKI, Yuta MASUDA, Yutaka HATAKEYAMA, Fang yan DONG, Makoto MOTOKI, and Kaoru HIROTA	13-20
Applicability of Generalized Neural Network-Type SIRMs Method in Medical Data Orrawan KUMDEE, Hirosato SEKI and Hiroaki ISHII	21-27
Experimental Study of Learning Capability for Parallel-type Neuron Network Shunsuke KOBAYAKAWA and Hirokazu YOKOI	29-37
A Support System Based on Movie and Sound Processing for Building Streaming Contents of the Assembly Minutes Ryosuke FUJIOKA, Reichi SUZUKI, Toshihiko WATANABE, and Hiroshi NARAZAKI	39-48
Improvement of Collaborative Filtering Based on Fuzzy Reasoning Model Ryosuke FUJIOKA and Toshihiko WATANABE	49-57
A Study on Quantitative Association Rules Mining Algorithm Based on Clustering Algorithm Toshihiko WATANABE and Hirokazu TAKAHASHI	59-67
A Fast Fuzzy Association Rules Mining Algorithm Utilizing Output Field Specification Toshihiko WATANABE	69-76

Special Issue on SOFT COMPUTING METHODOLOGIES & ITS APPLICATIONS

Preface: Mustafa Mat Deris, UTHM, MALAYSIA	77
Color Face Detection Based on PCNN Time Signature Hai-Yan LI, Rong ZONG, and Dan XU	79-85
Clustering Binary Data Based on Rough Set Indiscernibility Level R. B. Fajriya HAKIM, SUBANAR and Edi WINARKO	87-95
Dynamic Ridge Polynomial Neural Network with a Real Time Recurrent Learning Algorithm: Forecasting the S&P 500 Rozaida GHAZALI, Nazri MOHD NAWI, and Mohd Najib MOHD SALLEH	97-103
ROSMAN: ROUGH Set approach for clustering Supplier base MANagement Tutut HERAWAN, Iwan Tri Riyadi YANTO, Mustafa MAT DERIS	105-114
Applying Rough Set Theory for DNA Sequence Database Classification and Reduction M Nordin A RAHMAN, M Yazid M SAMAN, Aziz AHMAD and A Osman M TAP	115-124
An Approach to Improve Back-propagation algorithm by Using Adaptive Gain Nazri MOHD NAWI, Rozaida GHAZALI, Mohd Najib MOHD SALLEH	125-134
RoCeT: Rough Clustering for web Transactions Iwan Tri Riyadi Yanto, Tutut Herawan, Mustafa Mat Deris	135-145
INFORMATION FOR AUTHORS	147
Page format	148-149