

INTERNATIONAL JOURNAL OF SOFTWARE SCIENCE AND COMPUTATIONAL INTELLIGENCE

July-September 2013, Vol. 5, No. 3

Table of Contents

EDITORIAL PREFACE

iv Yingxu Wang, University of Calgary, Calgary, Canada

RESEARCH ARTICLES

- 1 A Modified Desirability Function Approach for Mean-Variance Optimization of Multiple Responses**
Sunil Kushwaha, Novartis Healthcare Pvt. Ltd., Hyderabad, Andhra Pradesh, India
Sudipta Sikdar, Research & Development, TATA Steel, Jamshedpur, Jharkhand, India
Indrajit Mukherjee, Shailesh J. Mehta School of Management, Indian Institute of Technology Bombay, Mumbai, Maharashtra, India
Pradip Kumar Ray, Department of Industrial Engineering and Management, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, India
- 16 Intra-Class Threshold Generation in Multimodal Biometric Systems by Set Estimation Technique**
Dhiman Karmakar, Machine Intelligence Unit, Indian Statistical Institute, Kolkata, West Bengal, India
Madhura Datta, UGC-Academic Staff College, University of Calcutta, Kolkata, West Bengal, India
C.A. Murthy, Machine Intelligence Unit, Indian Statistical Institute, Kolkata, West Bengal, India
- 27 Fuzzy Set Theoretical Approach to the Tone Triangle System**
Naotoshi Sugano, Tamagawa University, Tokyo, Japan
- 49 Formal Models and Cognitive Mechanisms of the Human Sensory System**
Yingxu Wang, International Institute of Cognitive Informatics and Cognitive Computing (ICIC), Department of Electrical and Computer Engineering, Schulich School of Engineering, University of Calgary, Calgary, Canada
- 70 Exploring Human Dynamics in Global Information System Implementations: Culture, Attitudes and Cognitive Elements**
Marielle van Egmond, Faculty of Business, London South Bank University, London, UK
Shushma Patel, Faculty of Business, London South Bank University, London, UK
Dilip Patel, Faculty of Business, London South Bank University, London, UK

Copyright

The **International Journal of Software Science and Computational Intelligence (IJSSCI)** (ISSN 1942-9045; eISSN 1942-9037), Copyright © 2013 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Software Science and Computational Intelligence* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory