

INTERNATIONAL JOURNAL OF SOFTWARE SCIENCE AND COMPUTATIONAL INTELLIGENCE

October-December 2012, Vol. 4, No. 4

Table of Contents

EDITORIAL PREFACE

iv Yingxu Wang, *University of Calgary, Canada*

RESEARCH ARTICLES

- 1 **A General Knowledge Representation Model for the Acquisition of Skills and Concepts**
Carlos Ramirez, Department of Computer Science & DASL4LTD Research Lab, Tecnológico de Monterrey, Campus Querétaro, Santiago de Querétaro, Querétaro, Mexico
Benjamín Valdés, Department of Computer Science & DASL4LTD Research Lab, Tecnológico de Monterrey, Campus Querétaro, Santiago de Querétaro, Querétaro, Mexico
- 26 **ISW: Interest-Based Small World Network of P2P**
Jinlong Zeng, School of Information Science & Technology, Sun Yat-sen University, Guangzhou, China & National Engineering Research Center of Digital Life, Guangzhou, China
Guifeng Zheng, School of Software, Sun Yat-sen University, Guangzhou, China & National Engineering Research Center of Digital Life, Guangzhou, China
- 41 **A Fig-Based Method for Prediction Alumina Concentration**
Jun Yi, Chongqing University of Science and Technology, Chongqing, China
Jun Peng, Chongqing University of Science and Technology, Chongqing, China
Taifu Li, Chongqing University of Science and Technology, Chongqing, China
- 51 **A Performance Prediction Method with an Equation-Based Behavioral Model for a Single-Bit Single-Loop Sigma-Delta Modulator**
Shuenn-Yuh Lee, National Chung Cheng University, Chia-Yi, Taiwan
Jia-Hua Hong, National Chung Cheng University, Chia-Yi, Taiwan
- 70 **Formal Rules for Fuzzy Causal Analyses and Fuzzy Inferences**
Yingxu Wang, University of Calgary, Calgary, AB, Canada

Copyright

The *International Journal of Software Science and Computational Intelligence* (ISSN 1942-9045; eISSN 1942-9037). Copyright © 2012 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.

IJSSCI is currently listed or indexed in: 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