Table of Contents
International Journal of Software Innovation
Volume 7 • Issue 1 • January-March-2019 • ISSN: 2166-7160 • eISSN: 2166-7179
An official publication of the Information Resources Management Association

SPECIAL ISSUE ON INTELLIGENT DATA ANALYSIS AND MANAGEMENT
GUEST EDITORIAL PREFACE

Gongzhu Hu, Central Michigan University, Mount Pleasant, USA

RESEARCH ARTICLES

1  Natural Image Quality Assessment Based on Visual Biological Cognitive Mechanism
   Run Zhang, Communication University of China, Beijing, China
   Yongbin Wang, Communication University of China, Beijing, China

27  Optimal Operation of Multireservoir Systems by Enhanced Water Cycle Algorithm
    Yanjun Kong, State Key Laboratory of Water Resource and Hydropower Engineering Science, Wuhan University, Wuhan, China
    Yadong Mei, State Key Laboratory of Water Resource and Hydropower Engineering Science, Wuhan University, Wuhan, China
    Weinan Li, State Key Laboratory of Water Resource and Hydropower Engineering Science, Wuhan University, Wuhan, China
    Ben Yue, State Key Laboratory of Water Resource and Hydropower Engineering Science, Wuhan University, Wuhan, China
    Xianxun Wang, State Key Laboratory of Water Resource and Hydropower Engineering Science, Wuhan University, Wuhan, China

44  A Scenario-Reconfigurable Simulator for Verifying Service-Oriented Cooperation Mechanisms and Policies of Connected Intelligent Vehicles
    Kailong Zhang, School of Computer, Northwestern Polytechnical University, Xi’an, China
    Xiaowu Li, School of Computer, Northwestern Polytechnical University, Xi’an, China
    Ce Xie, School of Computer, Northwestern Polytechnical University, Xi’an, China
    Yujia Wang, School of Computer, Northwestern Polytechnical University, Xi’an, China
    Liuyang Li, School of Computer, Northwestern Polytechnical University, Xi’an, China
    Chao Fei, School of Computer, Northwestern Polytechnical University, Xi’an, China
    Arnaud de La Fortelle, Centre for Robotics, MINES ParisTech, Paris, France
    Zongtao Duan, School of Information Engineering, Chang’An University, Xi’an, China

63  Toward a Statistical Characterization of Computer Daihinmin
    Seiya Okubo, School of Management & Information, University of Shizuoka, Shizuoka, Japan
    Yuta Kado, Graduate School of Informatics and Engineering, University of Electro-Communications, Chofu, Japan
    Yamato Takeuchi, Graduate School of Informatics and Engineering, University of Electro-Communications, Chofu, Japan
    Mitsuo Wakatsuki, Graduate School of Informatics and Engineering, University of Electro-Communications, Chofu, Japan
    Tetsuro Nishino, Graduate School of Informatics and Engineering, University of Electro-Communications, Chofu, Japan

80  Analysis of Perceptions on School Mottos as Proverbs Between Japanese and Indonesian
    Rieko Fujita, International Institute of Applied Informatics, Tokyo, Japan
    Tokuro Matsuo, Advanced Institute of Industrial Technology, Tokyo, Japan
    Teruhisa Hochin, Kyoto Institute of Technology, Kyoto, Japan

104  Label Propagation Algorithm for the Slices Detection of a Ground-Glass Opacity Nodule
     Weiwei Du, Information and Human Science, Kyoto Institute of Technology, Kyoto, Japan
     Dandan Yuan, School of Electronics and Information Engineering, Tianjin Polytechnic University, Tianjin, China
     Jianming Wang, School of Electronics and Information Engineering, Tianjin Polytechnic University, Tianjin, China
     Xiaojie Duan, School of Electronics and Information Engineering, Tianjin Polytechnic University, Tianjin, China
     Yanhe Ma, Tianjin Chest Hospital, Tianjin, China
     Hong Zhang, Tianjin Chest Hospital, Tianjin, China

119  Dealing With Noise and Partial Volume Effects in Alzheimer Disease Brain Tissue Classification by a Fuzzy-Possibilistic Modeling Based on Fuzzy-Genetic Initialization
     Lilia Lazli, CoFaMic Research Centre, Department of Computer Science, UQAM, University of Quebec, Canada & Department of Electrical Engineering, ETS, University of Quebec, Canada
     Mounir Boukadoum, CoFaMic Research Centre, Department of Computer Science, UQAM, University of Quebec, Canada

Copyright
The International Journal of Software Innovation (IJSI) (ISSN 2166-7160; eISSN 2166-7179), Copyright © 2019 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 Innovation is indexed or listed in the following: ACM Digital Library; Cabell’s Directories; DBLP; Google Scholar; INSPEC; MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich’s Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)