Table of Contents

International Journal of Information Technology and Web Engineering
Volume 11 • Issue 3 • July-September-2016 • ISSN: 1554-1045 • eISSN: 1554-1053
An official publication of the Information Resources Management Association

Special Issue on Advance Computing Techniques and Systems

Guest Editorial Preface

iv Ibrahim Al-oqily, Prince Hussein Bin Abdullah II for Information Technology, The Hashemite University, Zarqa, Jordan

Research Articles

1 Image Mosaicing Using Binary Edge Detection Algorithm in a Cloud-Computing Environment
Abdullah Alamareen, Jordan University of Science and Technology, Irbid, Jordan
Omar Al-Jarrah, Jordan University of Science and Technology, Irbid, Jordan
Inad A. Aljarrah, Jordan University of Science and Technology, Irbid, Jordan

15 Using Enhanced Lexicon-Based Approaches for the Determination of Aspect Categories and Their Polarities in Arabic Reviews
Mohammad Al Smadi, Jordan University of Science and Technology, Irbid, Jordan
Islam Obaidat, Jordan University of Science and Technology, Irbid, Jordan
Mahmoud Al-Ayyoub, Jordan University of Science and Technology, Irbid, Jordan
Rami Mohawesh, Jordan University of Science and Technology, Irbid, Jordan
Yaser Jararweh, Jordan University of Science and Technology, Irbid, Jordan

32 Polarity Classification of Arabic Sentiments
Mohammed N. Al-Kabi, Information Technology Faculty, Zarqa University, Zarqa, Jordan
Heider A. Wahsheh, College of Computer Science, King Khaled University, Abha, Saudi Arabia
Izzat M. Alsmadi, University of New Haven, West Haven, CT, USA

50 Cloud Security Threats and Techniques to Strengthen Cloud Computing Adoption Framework
Nabeel Khan, University of Salford, Manchester, UK
Adil Al-Yasiri, University of Salford, Manchester, UK

65 Privacy Preserving Framework to Support Mobile Government Services
Muder Almiani, Al-Hussein Bin Talal University, Ma’an, Jordan
Abdul Razaque, Cleveland State University, Cleveland, OH, USA
Ayman Al Dmour, Al-Hussein Bin Talal University, Ma’an, Jordan

COPYRIGHT
The International Journal of Information Technology and Web Engineering (IJITWE) (ISSN 1554-1045; eISSN 1554-1053), Copyright © 2016 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 Information Technology and Web Engineering is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon’s Media Directory; Burrelle’s Media Directory; Cabell’s Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich’s Periodicals Directory