

Table of Contents

International Journal of Handheld Computing Research

Volume 7 • Issue 4 • October-December-2016 • ISSN: 1947-9158 • eISSN: 1947-9166

An official publication of the Information Resources Management Association

Special Issue on 2016 IEEE International Conference on Electro/Information Technology (EIT 2016) – Part II

Guest Editorial Preface

- v S. Hossein Mousavinezhad, Idaho State University, USA
Wen-Chen Hu, University of North Dakota, USA

Research Articles

- 1 **Network Codes Based on Symmetric Matrices**
Edidiong Anselm Attang, Illinois Institute of Technology, Department of Electrical and Computer Engineering, Chicago, IL, USA
Yuteng Wu, Illinois Institute of Technology, Department of Electrical and Computer Engineering, Chicago, IL, USA
Mandana Norouzi, Illinois Institute of Technology, Department of Electrical and Computer Engineering, Chicago, IL, USA
Guillermo E Atkin, Illinois Institute of Technology, Department of Electrical and Computer Engineering, Chicago, IL, USA
- 15 **Butterworth Filter Application for Structural Health Monitoring**
Ahmed Abdelgawad, Central Michigan University, School of Engineering and Technology, Mount Pleasant, MI, USA
Md Anam Mahmud, Central Michigan University, School of Engineering and Technology, Mount Pleasant, MI, USA
Kumar Yelamarthi, Central Michigan University, School of Engineering and Technology, Mount Pleasant, MI, USA
- 30 **Open Source Digital Camera on Field Programmable Gate Arrays**
Cristinel Ababei, Marquette University, Department of Electrical and Computer Engineering, WI, USA
Shaun Duerr, Marquette University, Department of Electrical and Computer Engineering, WI, USA
William Joseph Ebel Jr., Marquette University, Department of Electrical and Computer Engineering, WI, USA
Russell Marineau, Marquette University, Department of Electrical and Computer Engineering, WI, USA
Milad Ghorbani Moghaddam, Marquette University, Department of Electrical and Computer Engineering, WI, USA
Tanzania Sewell, Marquette University, Department of Electrical and Computer Engineering, WI, USA
- 41 **Zero-Crossing Analysis and Information Divergence of Lévy Walks for Real-Time Feature Extraction**
Jesus David Terrazas Gonzalez, University of Manitoba, Department of Electrical and Computer Engineering, Winnipeg, Canada
Witold Kinsner, University of Manitoba, Department of Electrical and Computer Engineering, Winnipeg, Canada

COPYRIGHT

The **International Journal of Handheld Computing Research (IJHCR)** (ISSN 1947-9158; eISSN 1947-9166), 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 Handheld Computing Research is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory