International Journal of Embedded and Real-Time Communication Systems

Table of Contents

Research Articles

1 ANew Method for Prolonging Network Lifetime and Maintaining the Connectivity in Wireless Sensor Network Through Controlling the Transmission Power Amira Bendjeddou, LRS Laboratory, Department of Computer Science, University of Annaba, Annaba, Algeria Nacira Ghoualmi, Badji Mokhtar University, Annaba, Algeria Congduc Pham, LIUPPA laboratory, University of Pau, Pau, France

- 15 Energy Consumption Analysis of Secure and Clustered Wireless Sensor Network Ashim Pokharel, Department of Information Technology, University of Turku, Turku, Finland Ethiopia Nigussie, Department of Information Technology, University of Turku, Turku, Finland
- 37 Integration of Optimization Approach Based on Multiple Wordlength Operation Grouping in the AAA Methodology for Real-Time Systems: LVQ Implementation Ahmed Ghazi Blaiech, Technology and Medical Imaging Lab, University of Monastir, Tunisia Khaled Ben Khalifa, Department of Electrical, University of Sousse, Soussa, Tunisia & Technology and Medical Imaging Lab, University of Monastir, Tunisia Mohamed Boubaker, Technology and Medical Imaging Lab, University of Monastir, Tunisia Mohamed Akil, A3SI Lab, ESIEE Paris, University of Paris-Est, Paris, France Mohamed Hedi Bedoui, Technology and Medical Imaging Lab, University of Monastir, Tunisia
- 61 OpenSPARC Processor Evaluation Using Virtex-5 FPGA and High Performance Embedded Computing (HPEC) Benchmark Suite

Khaldoon Moosa Mhaidat, Jordan University of Science and Technology, Irbid, Jordan Ahmad Baset, Jordan University of Science and Technology, Irbid, Jordan Osama Al-Khaleel, Jordan University of Science and Technology, Irbid, Jordan

Copyright

The International Journal of Embedded and Real-Time Communication Systems (IJERTCS) (ISSN 1947-3176; eISSN 1947-3184), Copyright © 2014 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 Embedded and Real-Time Communication Systems is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory