

# International Journal of Information and Electronics Engineering

## CONTENTS

---

---

### Volume 6, Number 4, July 2016

- **Electronics and Communication Engineering**

An Overview of Pilot Decontamination Methods in TDD Massive MIMO Systems .....214  
*Sajjad Ali, Zhe Chen, and Fuliang Yin*

Design of Substrate Integrated Waveguide Multi-band Slots Array Antennas .....221  
*Keltouma Nouri, Tayeb Habib Chawki Bouazza, Boubakar Seddik Bouazza, Mehdi Damou, Kada Becharef, and Salima Seghier*

Differential-Mode Branch-Line Directional Couplers.....226  
*J. Sorocki, I. Piekarczyk, K. Staszek, P. Kaminski, K. Wincza, and S. Gruszczynski*

Design and Optimization of a Microstrip Bandpass Filter for Ultra Wideband (UWB) Wireless Communication  
.....230  
*S. Seghier, N. Benabdallah, N. Benahmed, and K. Nouri*

Modified Root MUSIC for Adjacent Coherent Sources.....234  
*Hassan Mohamed El-Kamchouchi and Ahmed Samir El-Torgoman*

- **Computer and Network Engineering**

Distributed Reconfiguration Algorithm for Self-Repairing in Cell-Based Architecture .....238  
*Chanin Wongyai and Pradondet Nilagupta*

Exploiting Online Social Network Structural Properties for Information Spreading.....247  
*Edward Yellakuor Baagyere, Zhen Qin, Hu Xiong, and Qin Zhiguang*

Context Selection Optimization Using Quality of Context for Context Refinement in Internet of Things.....256  
*Ntalasha Derrick, Li Renfa, and Wang Yongheng*

Review Social Network Analysis and Mining: Link Prediction.....265  
*Kalum P. Udagepola and Fatima Chiroma*

- **Bioinformatics**

A *k*NN Approach for ECG Signal Quality Classification .....269  
*Tanatorn Tanantong*

