

International Journal of Information and Electronics Engineering

CONTENTS

Volume 5, Number 6, November 2015

• Computer Science and Engineering Applications

- Advanced Control Algorithm: Applications to Industrial Processes.....398
A. Ramdani, S. Grouni, and M. Tra èhe
- A Novel Full Comparator Design Based on Quantum-Dot Cellular Automata.....406
Davoud Bahrepour
- The Simulation of the VAPS XT Cockpit Display and Control System Based on the Integrated Data
Distribution Network.....411
Jia Liu and Tianjiang An
- Feasibility Analysis of 4G Wireless Technology in Ubiquitous m-Health System in Bangladesh.....417
N. Sultana, M. A. Islam, and N. Ullah
- Automatic Speaker Recognition System in Adverse Conditions — Implication of Noise and Reverberation on
System Performance.....423
Khamis A. Al-Karawi, Ahmed H. Al-Noori, Francis F. Li, and Tim Ritchings
- RFID Based Indoor Navigation with Obstacle Detection Based on A* Algorithm for the Visually Impaired
.....428
Jayron Sanchez, Anlyn Yumang, and Felicito Caluyo
- A Microcontroller-Based Egg Candling System.....433
Akanji S. Saidu and Abdussamad U. Jibia
- Research on Mobile Multi-bank Divisible e-Cash Protocol.....437
Ting Huang
- A Study on Fourth Generation Wireless Network Using QualNet Simulator.....441
Arthi Balasundaram, L. Rajesh, and K. Bhoopathy Bagan
- Simultaneous Authentication System for Cooperation Verification.....446
Kenta Soneda, Akane Ito, and Manabu Okamoto
- Multi-sensor Data Fusion Model Based Kalman Filter Using Fuzzy Logic for Human Activity Detection.....450
Nattawut Wichit and Anant Choksuriwong
- #### • Image Processing Technology
- Effects of the Unscented Kalman Filter Process for High Performance Face Detector.....454
Bikash Lamsal and Naofumi Matsumoto
- Information Hiding: A New Multi Watermark Algorithm Using Radon Transformation.....460

Omer Siddik and Ersin Elbasi

Using Fuzzy Logic to Enhance the Large Size Remote Sensing Images.....	464
<i>Trung Nguyen Tu, Huy Ngo Hoang, and Thoa Vu Van</i>	
Directional Blurred Shape Model Descriptor for Sketched Symbol Recognition.....	469
<i>Wei Deng, Lingda Wu, Zhonghua Yao, and Yashuai Lü</i>	
Real-Time System Implementation for Image Processing with Hardware/Software Co-design on the Xilinx Zynq Platform.....	473
<i>M. Ali Altuncu, Taner Guven, Yasar Becerikli, and Suhap Sahin</i>	