

International Journal of Information and Electronics Engineering

CONTENTS

Volume 7, Number 1, January 2017

• Information Systems and Networks

- Service-Differentiated Routing Algorithm in DTN Based on Node Performance 1
Li Lin-lin, Xia Bing, and He He

- Information Systems Management — Modular Approach 7
Seppo J. Sirkemaa

• Image Processing

- The Recognition of Basal Ganglia Area in the Brain MRI Image with Hybrid Classifier 11
Min-Chi Wu, Chiun-Li Chin, Wen-Chi Chin, Jian-Shiun Wu, Wan-Jou Li and Ting-Yu Liu

- A New Method of Image Denoising Based on the Energy Method 18
Shuang Liang, Shuli Wang, and Yu Wang

• Digital Circuit and Control System

- Single-Port 5T SRAM Cell with Improved Write-Ability and Reduced Standby Leakage Current 22
Chien-Cheng Yu and Ming-Chuen Shiau

- Harmonic Suppression of High-Power UPS in Power Network 29
Lv Changzhi, Geng Anran, and Pan Jiaxing

- Evolutions Detection Using Markov Models 34
Arnaud Paris, Adnen El-Amraoui, Nathalie Cislo, and Selma Arbaouiand NacimRamdani

- Resonant Circuit Response for Contactless Energy Transfer under Variable PWM 41
A. Badawi, S. A. Kazmi, R. I. Boby, M. H. Shah, and K. Matter

