

Contents

International Journal of Computer and Electrical Engineering

Volume 10, Number 3, September 2018

- Design of a Modified Madgwick Filter for Quaternion-Based Orientation Estimation Using AHRS** **174**
Amjed S. Al-Fahoum, Momtaz S. Abadir
- Power Quality Enhancement by UPFC Coordinated with MB-PSS Controller in Multi-machine System** **187**
Abubakar Siddique, Yonghai Xu, Muhammad Rasheed, M. Kaleem Aslam, Khalid Hussain, Waseem Aslam
- PEA SCADA Online Monitoring** **195**
Anurak Choeichum, Nutthapon Ponyangnok, Yutthana Krutgard, Wichan Inyoo
- The Measurement of Electrical Parameters for a Solar Cell I-V Characteristic Curve by Using Simple Resistive Load Based on LabVIEW** **205**
Napat Watjanatepin, Paiboon Kiatsookkanatorn
- Comparative Study of Traditional Devices and FACTS Controller for Enhancing the Transient Stability Margin** **213**
WaseemAslam, Yonghai Xu, Abubakar Siddique, M. Nadeem Aslam, M. Kaleem Aslam
- Sentiment Analysis for Psychological Questionnaires with Semi-supervised Learning** **221**
Chen Yaodong, Peng Diefei, Liu Qin
- Route Trajectory Identification Mechanism (RTIM) of MobiSink for Efficient Data Collection in WSNs** **233**
Kumar Swamy B. V., Gowramma Y. P., Ananda Babu J.

Application of Revised Ant Colony Optimization for Anomaly Detection Systems **241**

Chia-Mei Chen, Wen-Ling Lo, Ya-Hui Ou, Gu-Hsin Lai, Tse-Yao Wang

Novel Approach to Sign Language Recognition Using Kinect – Speak My Actions **248**

Zamin Ali Khan, Wajahat Muhammad, Muhammad Usman Shahid, Owais Ahmed Parkar, Muhammad Usman Altaf, Syed Ameer Hamza