

# International Journal of Computer Theory and Engineering

## CONTENTS

---

---

### Volume 7, Number 3, June 2015

#### • **Electronic Circuits and Control**

Low Power Circuit Design Techniques: A Survey.....172  
*Nikhil Raj, Ashutosh Kumar Singh, and Anil Kumar Gupta*

Design of a Non-Overlapping Clock Generator for RFID Transponder EEPROM.....177  
*Labonah F. Rahman, Mamun B. I. Reaz, and Mohammad Marufuzzaman*

A Pricing Policy to Mitigate Interference Management in Femtocell Network.....181  
*O. A. Akinlabi, B. S. Paul, M. Joseph, and H. C. Ferreira*

Towards Realism in an Intelligent Car's Driving Behavior Using Fuzz Inference System.....187  
*Nima Fouladinejad, Nariman Fouladinejad, J. Mohd Taib, and M. K. Abd Jalil*

#### • **Artificial Intelligence**

Real-Time Fault Detection in Semiconductor Using One-Class Support Vector Machines.....191  
*Ali Hajj Hassan, Sophie Lambert-Lacroix, and Francois Pasqualini*

The Flocc Target Detection Algorithm Based on the Three Frame Difference and Enhanced Method of the Otsu  
.....197  
*Xin Xie, Huiping Li, and Fengping Hu*

Machine Learning: A Means of Diagnosing and Prescribing Treatments for Tuberculosis Patients.....201  
*Arman James E. Avenir, Jonas D. Villota, and Maryli F. Rosas*

#### • **Network and Signal Processing**

The Assessment of Developed Mental Stress Elicitation Protocol Based on Heart Rate and EEG Signals.....207  
*Saidatul A., Paulraj Murugesu Pandiyan, and Sazali Yaacob*

Adapting Distance Based Clustering Concept to a Heterogeneous Network.....214  
*N. Laloo, M. Z. A. A. Aungnoo, and M. S. Sunhaloo*

Watermarked Compressive Sensing Measurements Reconstructed by the Greedy Algorithms.....219  
*Ali A. H. Karah Bash and Sema K. Kayhan*

Trade-off between Accuracy and Longevity in Wireless Sensor Networks.....223  
*N. Laloo, M. S. Sunhaloo, and R. K. Subramanian*

#### • **Technology in Education**

Programming: A Study on Upper Primary Students' Attitude towards Education Digital Games.....231  
*Mohd Lezam Lehat, Rashidah Mokhtar, Nora Mohd Basir, and Yusnita Sokman*

Facilitating Students' Learning through M-LMS for Tablet Device.....236

*Mas Rina Mustaffa and Evi Indriasari Mansor*

Understanding Students Learning Style and their Performance in Computer Programming Course: Evidence from Bruneian Technical Institution of Higher Learning .....	241
<i>Afzaal H. Seyal, Yeo Sy Mey, Mardiyah Hj Matusin, Hjh Norzainah Hj Siau, and Armanadurni Abdul Rahman</i>	
Significant Failure Factor of Higher Learning Institution Projects .....	248
<i>Abdulhameed Rakan Alenezi, Muhammad Salim Javed Gandapur, Arshad Javed, and Moussa Demba</i>	

# **Electronic Circuits and Control**

