

# International Journal of Information and Electronics Engineering

## CONTENTS

---

---

### Volume 1, Number 2, September 2011

Development of a Novel Fault Indicator for Distribution Automation.....	105
<i>Shang-Wen Luan, Jen-Hao Teng, and Chao-Shun Chen</i>	
Dispersion Compensation Using Raised Cosine Filter in Optical Fibers.....	110
<i>Shivinder Devra and Gurmeet Kaur</i>	
Test Coverage Measurement and Analysis on the Basis of Software Traceability Approaches.....	115
<i>Muhammad Shahid, Suhaimi Ibrahim, and Harihodin Selamat</i>	
The Phase in a Quantum-Dot Interferometer Modulated by Rashba Spin-Orbit Interaction.....	120
<i>R. Y. Yuan</i>	
Extracting Soft Issues during Requirements Elicitation: A Preliminary Study.....	126
<i>Rahman A. N. and Sahibuddin S.</i>	
A Software Redocumentation Process Using Ontology Based Approach in Software Maintenance.....	133
<i>Sugumaran Nallusamy, Suhaimi Ibrahim, and Mohd Naz'ri Mahrin</i>	
Robust End-to-End Available Bandwidth Estimation for Interactive Satellite networks.....	140
<i>Minsu Shin, Mankyu Park, Deockgil Oh, Byungchul Kim, and Jaeyong Lee</i>	
Low Noise, High Gain LNA at 5.8GHz with Cascode and Cascaded Techniques Using T-Matching Network for Wireless Applications.....	146
<i>Abu Bakar Ibrahim, Abdul Rani Othman, Mohd Nor Husain, and Mohammad Syahrir Johal</i>	
Inserting Safety into Software – Safety Critical Systems – Management Perspective.....	150
<i>P. V. Srinivas Acharyulu and P. Seetharamaiah</i>	
Facsimile Image Compression using Slepian-Wolf Coding Principles and Context Modelling.....	157
<i>Raghunadh K. Bhattar, K.R.Ramakrishnan, and K.S.Dasgupta</i>	
Improving Measurement Accuracy of Ozone for Optical Absorption Based Atmospheric Monitoring Instrument.....	163
<i>Wenjun Li</i>	
Organizing Software Project Control Practices.....	170
<i>Rohaya Ahmad, Hasmiah Kasimin, Maryati Mohd Yusof, and Abdul Razak Hamdan</i>	
Formulating a Software Traceability Model for Integrated Test Documentation: a Case Study.....	178
<i>Azri Azmi and Suhaimi Ibrahim</i>	

Evaluating Software Configuration Based Approaches to Support Change Maintenance of Granular Software Artefacts.....	185
<i>Othman Mohd Yusop and Suhaimi Ibrahim</i>	
JNI Fault Tolerance Using Java ProcessBuilder.....	190
<i>Yew Kwang Hooi and Alan Oxley</i>	