

ISSN Print: 2074-9007, ISSN Online: 2074-9015
Volume 5, Number 8, July 2013

International Journal of

Information Technology and Computer Science

Vol.5

No.8 July 2013

IJITCS **Vol.5**

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol. 5 No.8 July 2013



Contents

REGULAR PAPERS

Empirical Study of an Improved Component Based Software Development Model using Expert Opinion Technique <i>Asif Irshad Khan, Md. Mottahir Alam, Noor-ul-Qayyum, Usman Ali Khan</i>	1
Fault Persistency and Fault Prediction in Optimization of Software Release <i>Maurizio Pighin, Anna Marzona</i>	15
Data Driven Fuzzy Modeling for Sugeno and Mamdani Type Fuzzy Model using Memetic Algorithm <i>Savita Wadhawan, Gunjan Goel, Srikant Kaushik</i>	24
A Comparative Performance Analysis of Low Power Bypassing Array Multipliers <i>Nirlakalla Ravi, S. Venkateswarlu, T. Jayachandra Prasad, Thota Subba Rao</i>	38
Robust Sliding Mode Fuzzy Control of a Car Suspension System <i>Ayman A. Aly</i>	46
Study and Performance Evaluation on Recent DDoS Trends of Attack & Defense <i>Muhammad Aamir, Muhammad Arif</i>	54
Priority Based Uplink Scheduling Scheme for WiMAX Service Classes <i>Kire Jakimoski, Toni Janevski</i>	66
Data Mining in Intrusion Detection: A Comparative Study of Methods, Types and Data Sets <i>Chandrashekhara Azad, Vijay Kumar Jha</i>	75
Evaluating Design Patterns of Commercial Web Applications using Net Easy Score <i>Tharis Thimthong, Thippaya Chintakovid, Soradech Krootjohn</i>	91
Distributed Algorithms for Maximizing Lifetime of WSNs with Heterogeneity and Adjustable Sensing Range for Different Deployment Strategies <i>Samayveer Singh, Ajay K Sharma</i>	100
Improvement of Component Integration Testing Technique <i>Khulood Salem Albeladi, M. Rizwan Jameel Qureshi</i>	109
Design Robust Fuzzy Sliding Mode Control Technique for Robot Manipulator Systems with Modeling Uncertainties <i>Farzin Piltan, AliReza Nabaee, MohammadMahdi Ebrahimi, Mansour Bazregar</i>	123
