

ISSN Print: 2074-9090, ISSN Online: 2074-9104  
Volume 6, Number 1, November 2013

International Journal of

# Computer Network and Information Security

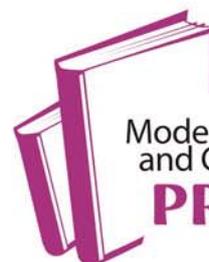
**Vol.6**

No.1 Nov. 2013

**IJCNIS** **Vol.6**

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

Vol. 6 No.1 November 2013



Modern Education  
and Computer Science

**PRESS**

## Contents

---

### REGULAR PAPERS

A Review of Router based Congestion Control Algorithms	1
<i>Vandana Kushwaha, Ratneshwer</i>	
On Maxima Distribution of Full Differentials and Linear Hulls of Block Symmetric Ciphers	11
<i>Lisitskiy K.E.</i>	
Distributed Traffic Balancing Routing for LEO Satellite Networks	19
<i>Yong Lu, Fuchun Sun, Youjian Zhao, Hongbo Li, Heyu Liu</i>	
Textual Manipulation for SQL Injection Attacks	26
<i>Hussein AlNabulsi, Izzat Alsmadi, Mohammad Al-Jarrah</i>	
An Efficiency and Algorithm Detection for Stenography in Digital Symbols	34
<i>Takialddin A. AlSmadi I, Mohammed Maitah</i>	
A Heuristic Approach for Multicast Traffic Grooming in Optical WDM Mesh Networks	39
<i>Ashok Kumar Pradhan, Subhendu Barat, Tanmay De</i>	
Auto-Pattern Programmable Kernel Filter (Auto-PPKF) for Suppression of Bot Generated Traffic	48
<i>Kritika Govind, S. Selvakumar</i>	
A Novel Approach of Text Steganography using Nonlinear Character Positions (NCP)	55
<i>Sabyasachi Samanta, Saurabh Dutta, Goutam Sanyal</i>	
Towards Performance Evaluation of Cognitive Radio Network in Realistic Environment	61
<i>Vivek Kukreja, Shailender Gupta, Bharat Bhushan, Chander Kumar</i>	
Security Solutions for Networked Control Systems Based on DES Algorithm and Improved Grey Prediction Model	78
<i>Liyang Zhan, Lun Xie, Weize Li and Zhiliang Wang</i>	

---