

# International Journal of Future Computer and Communication

## CONTENTS

---

---

### Volume 1, Number 4, December 2012

|  |     |
|--|-----|
| Median Filtering Frameworks for Reducing Impulse Noise from Grayscale Digital Images: A Literature Survey..... | 323 |
| <i>Sin Hoong Teoh and Haidi Ibrahim</i>  |     |
| Ensuring Audit Log Accountability through Hash Based Techniques.....   | 327 |
| <i>Rashmita Jena, M. Aparna, Chinmaya Sahu, Rajeev Ranjan, and Rajesh Atmakuri</i>                             |     |
| Prediction Truncation Algorithm Based on Regression Analysis for Embedded Block Coding.....                    | 330 |
| <i>Yanjun Liu and Zupeng Liu</i>   |     |
| Analysis of Enabling Techniques for LTE- Advanced and Beyond.....  | 334 |
| <i>Manish Sharma and Prakhar Mishra</i>  |     |
| Time Efficient Connection Formation Scheme in Bluetooth.....   | 339 |
| <i>Ishtiyag Ahmad Wani and Roohie Naaz Mir</i>   |     |
| Nutri Demand: Nutritional Requirements Database for Indian Population.....                                     | 343 |
| <i>Siva Naga Suresh Purama, M. P Nishitha, MGnanavel, and S. P. Muthukumar</i>                                 |     |
| Hardware Based Total Secured Networks The Network Filter Chip.....   | 346 |
| <i>Ashish Srivastava</i>   |     |
| Performance Analysis and Evaluation of TH-PPM and TH-BPSK under Dynamic Channel Environment.....               | 352 |
| <i>Safa Saad Hussein, Aliaa youssif, and Ghouz H. H. M.</i>  |     |
| Cloud Computing – Research Issues, Challenges, Architecture, Platforms and Applications: A Survey.....         | 356 |
| <i>Santosh Kumar and R. H. Goudar</i>  |     |
| Design and Implementation of Image Dithering Engine on a Spartan 3AN FPGA.....                                 | 361 |
| <i>U. S. Pavitha, S. Nikhila, and H. K. Krutthika</i>  |     |
| Comparative Study on Content Based Image Retrieval.....  | 366 |
| <i>Sowmya Rani , Rajani N., and Swathi Reddy</i>   |     |
| Design of Low Power ASK CMOS Demodulator Circuits for passive Ultra High Frequency Tag.....                    | 369 |
| <i>Basavaraj P. M., Manjunath B., Prashanth P., and Chandrashekara</i>   |     |
| Sink Repositioning Technique to Improve the Performance of the Wireless Sensor Networks.....                   | 372 |
| <i>Prerana Shrivastava and S. B. Pokle</i>   |     |
| Preservation of Privacy in Data Bases.....   | 375 |
| <i>Manish Tiwari and Rakesh Rathi</i>  |     |
| Enhancement of Physical Layer Security by Exploiting Channel Phase Randomness in Wireless Networks...          | 377 |

*Varshinee Krishnamurthy, Ranjiny Natarajan Kumar, and Sivasankar Sundaram*

|  |     |
|--|-----|
| Efficient Bandwidth Allocation for Packet Scheduling.....                                  | 381 |
| <i>D. Rosy Salomi Victoria, and S. Senthil Kumar</i>                                       |     |
| An Improved Image Compression Algorithm Based on Embedded Zerotree Wavelets Transform..... | 385 |
| <i>Yanjun Liu and Zupeng Liu</i>   |     |
| Variable Step Size LMS Algorithm.....  | 389 |
| <i>Zhang Jingjing</i>  |     |