

JOURNAL OF HIGH PERFORMANCE COMMUNICATION SYSTEMS AND NETWORKING

VOLUME 9

NUMBER 1

JANUARY-JUNE 2017

Contents

1. Energy Efficiency in Wireless Sensor Network for Risk Analysis using RMS Algorithm 1-8
Pameer Selvam G. and Manjula R.
2. Espial of Flaws in Railway Network Using Wireless Sensor Network 9-16
K. Vidya and R. Gayathri
3. FPGA Implemenatrion of 9 Tab 2D Daubechies Wavelet Filter Using Algebraic Integer 17-23
S. Prabhu Kumar, G. Vishnu Vardhan Rao, S. Ashok and R. Karthik
4. Fuzzy based data gathering scheme for secure routing in Wireless Sensor Networks 25-33
Sharmila P. and A. Selwin Mich Priyadharson
5. Fuzzy Based Improved IUPQC Controller to Provide Additional Grid-Voltage Regulation as a STATCOM 35-43
R. Suguna, S. Sri Krishna Kumar, Venkata Subbaiah Putta Saravaman S., Sibiraj B. and Kumaran K.
6. Genetic Algorithm Based Denoising of Medical Image 45-52
P. Robert and Celine Kavida A.
7. Gold Washing Adaptive Vector Quantization with Wavelet Transform for Colour Image Coding 53-61
R. Punidha, W. Nancy, C. Gunasundari and D. Ruban Thomas
8. Grading Fundus Images for Diabetic Retinopathy 63-67
R. Shelshiyah, J. Sivaraman, S. Vinurojkumar, K. Manikandan and R. Sai Nandhini
9. Grey Wolf Optimization Algorithm Based Speed Control of Three Phase Induction Motor 69-75
K. Mohana Sundaram, M. Sivasubramanian, G. Pannarselvam and Jebasingh Kirubakaran S.J.
10. Identification of Flight Location Using Floatable Black Box on Water 77-82
A. Kalaiyarasi and K. Mohanasundaram