ISSN Print: 2074-9074, ISSN Online: 2074-9082 Volume 6, Number 10, September 2014

International Journal of

Image, Graphics and Signal Processing



IJIGSP Vol. 6
Http://www.mecs-press.org
Vol. 6 No.10 September 2014



International Journal of Image, Graphics and Signal Processing (IJIGSP)

ISSN Print: 2074-9074, ISSN Online: 2074-9082

Volume 6, Number 10, September 2014

Contents

REGULAR PAPERS	
Algorithmic Tricks for Reducing the Complexity of FDWT/IDWT Basic Operations Implementation Aleksandr Cariow, Galina Cariowa	1
Application of 16-State TCM-UGM and TCM for Improving the Quality of Compressed Color Image Transmission Benaïssa Mohamed, Bassou Abdesselam, Beladgham Mohammed, Taleb-Ahmed Abdelmalik, Moulay Lakhdar Abdelmounaim	10
Satellite Image Processing for Land Use and Land Cover Mapping Ashoka Vanjare, S.N. Omkar, J.Senthilnath	18
Polyphase Structure Based Eigen Design of Two-Channel Quadrature Mirror Filter Bank S. K. Agrawal, O. P. Sahu	29
Block-Based Compressive Sensed Thermal Image Reconstruction using Greedy Algorithms <i>Usham V. Dias, Milind E. Rane</i>	36
Fast Visual Object Tracking Using Modified kalman and Particle Filtering Algorithms in the Presence of Occlusions G. Mallikarjuna Rao, Siva Prasad Nandyala, Ch. Satyanarayana	43
Edge Detection Operators: Peak Signal to Noise Ratio Based Comparison D. Poobathy, R. Manicka Chezian	55
A Neural Network Based Recognition and Classification of Commonly Used Indian Non Leafy Vegetables Ajit Danti, Manohar Madgi, Basavaraj S. Anami	62