

ISSN Print: 2074-9074, ISSN Online: 2074-9082
Volume 9, Number 12, December 2017

International Journal of

Image, Graphics and Signal Processing

Vol.9

No.12 Dec. 2017

IJIGSP **Vol. 9**

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

Vol. 9 No.12 December 2017



Contents

REGULAR PAPERS

Automatic Highly Accurate Estimation of Gaussian Noise Level in Digital Images Using Filtration and Edges Detection Methods <i>Serhiy V. Balovsyak, Khrystyna S. Odaiska</i>	1
Thermal Image Analysis and Segmentation to Study Temperature Effects of Cement and Bird Deposition on Surface of Solar Panels <i>Akash Singh Chaudhary, D.K. Chaturvedi</i>	12
Design of Near Threshold 10T- Full Subtractor Circuit for Energy Efficient Signal Processing Applications <i>M.Mahaboob Basha, K.Venkata Ramanaiah, P. Ramana Reddy</i>	23
Traffic Video Enhancement based Vehicle Correct Tracked Methodology <i>Mohamed Maher Ata, Mohamed El-Darieby, M.Abd Elnaby, Sameh A. Napoleon</i>	30
Determination of Osteoarthritis Using Histogram of Oriented Gradients and Multiclass SVM <i>Shivanand S. Gornale, Pooja U. Patravali, Kiran S. Marathe, Prakash S. Hiremath</i>	41
Scene based Non-uniformity Correction for Optical Remote Sensing Imagery <i>Lolith Gopan, E.Venkateswarlu, Thara Nair, G.P.Swamy, B.Gopala Krishna</i>	50
Comparative Analysis of Distance Metrics for Designing an Effective Content-based Image Retrieval System Using Colour and Texture Features <i>Yashankit Shikhar, Vibhav Prakash Singh, Rajeev Srivastava</i>	58
