

# Contents

<b>Advancing Cross-Spectral Iris Recognition Research Using Bi-Spectral Imaging . . . . .</b>	<b>1</b>
N. Pattabhi Ramaiah and Ajay Kumar	
<b>Fast 3D Salient Region Detection in Medical Images Using GPUs . . . .</b>	<b>11</b>
Rahul Thota, Sharan Vaswani, Amit Kale and Nagavijayalakshmi Vydyanathan	
<b>Missing Data Interpolation Using Compressive Sensing: An Application for Sales Data Gathering . . . . .</b>	<b>27</b>
S. Spoorthy, Sandhyasree Thaskani, Adithya Sood, M. Girish Chandra and P. Balamuralidhar	
<b>Domain Adaptation for Face Detection . . . . .</b>	<b>37</b>
Vidit Jain	
<b>Genetically Modified Logistic Regression with Radial Basis Function for Robust Software Effort Prediction . . . . .</b>	<b>55</b>
Manas Gaur	
<b>Recovering Partially Sampled EEG Signals Using Learned Dictionaries . . . . .</b>	<b>67</b>
Arpita Gang, Janki Mehta and Angshul Majumdar	
<b>Retinal Vessel Classification Based on Maximization of Squared-Loss Mutual Information . . . . .</b>	<b>77</b>
D. Relan, L. Ballerini, E. Trucco and T. MacGillivray	
<b>Automated Spam Detection in Short Text Messages . . . . .</b>	<b>85</b>
Gaurav Goswami, Richa Singh and Mayank Vatsa	

<b>Greedy Algorithms for Non-linear Sparse Recovery . . . . .</b>	<b>99</b>
Kavya Gupta and Angshul Majumdar	
<b>Reducing Inter-Scanner Variability in Multi-site fMRI Activations Using Correction Functions: A Preliminary Study. . . . .</b>	<b>109</b>
Anoop Jacob Thomas and Deepti Bathula	
<b>Comparative Study of Preprocessing and Classification Methods in Character Recognition of Natural Scene Images . . . . .</b>	<b>119</b>
Yash Sinha, Prateek Jain and Nirant Kasliwal	
<b>Adaptive Skin Color Model to Improve Video Face Detection . . . . .</b>	<b>131</b>
Shrey Jairath, Samarth Bharadwaj, Mayank Vatsa and Richa Singh	
<b>Improving Rating Predictions by Baseline Estimation and Single Pass Low-Rank Approximation . . . . .</b>	<b>143</b>
Shisagnee Banerjee and Angshul Majumdar	
<b>Retinal Blood Vessel Extraction and Optic Disc Removal Using Curvelet Transform and Morphological Operation . . . . .</b>	<b>153</b>
Sudeshna Sil Kar and Santi P. Maity	
<b>Author Index . . . . .</b>	<b>163</b>

Machine Intelligence and Signal Processing

Singh, R.; Vatsa, M.; Majumdar, A.; Kumar, A. (Eds.)

2016, X, 163 p. 76 illus., Softcover

ISBN: 978-81-322-2624-6