

Journal of Image and Graphics

CONTENTS

Volume 3, Number 2, December 2015

Image Processing Technology and Application

Generalized Erosion and Dilation Operations of Distance Functions for Deforming Soft Objects.....	70
<i>Pi-Chung Hsu</i>	
A Scaling Method of Sensitive Objects Based on Loss Constraint Triangle Mesh Deformation	77
<i>Yongmei Zhang and Li Ma</i>	
Driver Attention and Behavior Detection with Kinect.....	84
<i>Cleshain Solomon and Zenghui Wang</i>	
Metadata Based Object Detection and Classification Using Key Frame Extraction Method.....	90
<i>S. Vasavi and V. Srinivasa Rao</i>	
Using Discrete Cosine Transform Based Features for Human Action Recognition	96
<i>Tasweer Ahmad, Junaid Rafique, Hassam Muazzam, and Tahir Rizvi</i>	
Automatic Feature Extraction of Optical Coherence Tomography for Lamina Cribrosa Detection.....	102
<i>Mei Hui Tan, Sim Heng Ong, Sri Gowtham Thakku, Ching-Yu Cheng, Tin Aung, and Michael Girard</i>	
New Composite Shape and Texture Descriptors for 3D Model Retrieval	107
<i>Hero Yudo Martono and Masaki Aono</i>	
Reconstruction of Premature Atrial Contraction and Premature Ventricular Contraction on ECG Traces by Applying PLA as Segmentation Process.....	112
<i>Joel A. Gonzalez, Roberto L. Avitia, Nellyzeth Flores, Miguel E. Bravo, Marco A. Reyna, and Lucio A. Cetto</i>	
Improvement of Spatial Resolution Using Block-Matching Based Motion Estimation and Frame Integration.....	117
<i>Danya Sugai and Takayuki Hamamoto</i>	
GPU Based Fast Non Local Means Algorithm	122
<i>Daniel Sanju Antony and G. N. Rathna</i>	
Visualization Technology	
Augmented Reality and Situation Awareness Applications for Military Computing.....	126
<i>Jin-Suk Kang and Jae-Joon Lee</i>	
Wireless Visual-Servoing Using Primary Color Space in MATLAB	132
<i>Syed Tahir Hussain Rizvi, Muhammad Yaqoob Javed, Kamal Shahid, and Tasweer Ahmad</i>	
Chip-on-the-Tip Projection Design with Large Depth of Focus for Structured Light 3D Endoscopic Imaging	138
<i>Xujian Chang and Sukhan Lee</i>	
Lateral Inhibition Underlying Suppression of Neuronal Activity and Sparse Coding.....	144
<i>Liping Xiao and Jiqian Liu</i>	
Estimation of Structural Irregularity Based Temporal Masking for Color Video	149
<i>Kuo-Cheng Liu</i>	