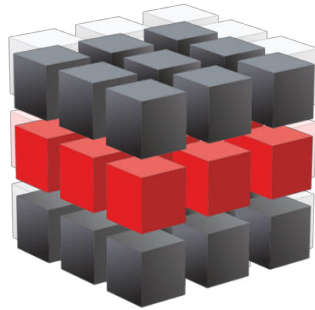




MICANS Infotech
Innovations For Business



MICANS Infotech

Innovations For Business

www.micansinfotech.com | micansinfotech@gmail.com
+91 90036 28940 | +91 94435 11725

CHENNAI – PONDICHERY



IMAGE PROCESSING TITLES 2018-19

IMAGE PROCESSING

1. secure tunable-precision architecture for image processing applications
2. Identifying Corresponding Patches in SAR and Optical Images With a Pseudo-Siamese CNN
3. Progressive Dual-Domain Filter for Enhancing and Denoising Optical Remote-Sensing Images
4. Joint Denoising/Compression of Image Contours via Shape Prior and Context Tree
5. Reversible Data Hiding in Color Image with Grayscale Invariance
6. LOOP Descriptor: Local Optimal-Oriented Pattern
7. Joint capsule segmentation in ultrasound images of the metacarpophalangeal joint using a split and merge approach
8. Model based learning for accelerated, limited-view 3D photoacoustic tomography
9. Camera-recognizable visual cryptography for printed documents: Enhancing the user interface
10. Full-GRU Natural Language Video Description for Service Robotics Applications
11. A Novel Multi-Connected Convolutional Network for Super-Resolution
12. Saliency in VR: How Do People Explore Virtual Environments?
13. Building Extraction From RGB VHR Images Using Shifted Shadow Algorithm
14. Auxiliary Loss Multimodal GRU Model in Audio-Visual Speech Recognition
15. Photoacoustic Source Detection and Reflection Artifact Removal Enabled by Deep Learning
16. Evaluating the effect of various speckle reduction filters on ultrasound liver cancer images
17. Low Dose CT Image Denoising Using a Generative Adversarial Network with Wasserstein Distance and Perceptual Loss
18. Surface Reconstruction from Arbitrarily Large Point Clouds
19. Query Adaptive Multi-View Object Instance Search and Localization using Sketches
20. Fusion of Hyperspectral and LiDAR Data With a Novel Ensemble Classifier



21. Image processing-based pothole detecting system for driving environment
22. High-quality UHD demosaicing on low-cost FPGA
23. Visual Sentiment Prediction based on Automatic Discovery of Affective Regions
24. Feature Extraction From Multitemporal SAR Images Using Selforganizing Map Clustering and Object-Based Image Analysis
25. Speckle Removal Using Diffusion Potential for Optical Coherence Tomography Images
26. Secure Surveillance Framework for IoT systems using Probabilistic Image Encryption
27. Robust Estimation of Skin Pigmentation from Facial Color Images Based on Color Constancy
28. MILE: A minimally interactive learning framework for visual data analysis
29. Turn Any Display Into a Touch Screen Using Infrared Optical Technique
30. Deep Learning for Quantification of Epicardial and Thoracic Adipose Tissue from Non-Contrast CT
31. Preprocessing methods for runway pictures taken in poor visibility conditions
32. Two-Dimensional Edge Detection by Guided Mode Resonant Metasurface
33. Convolutional neural network for saliency detection in images
34. Improving Shadow Suppression for Illumination Robust Face Recognition
35. An Efficient MSB Prediction-Based Method for High-Capacity Reversible Data Hiding in Encrypted Images
36. An Effective Face Detection Algorithm based on Skin Color Information.
37. A Real-Time High-Quality Complete System for Depth Image-Based Rendering on FPGA
38. Asymmetric Adaptation of Deep Features for Cross-Domain Classification in Remote Sensing Imagery
39. A Review on Intelligence Dehazing and Color Restoration for Underwater Images
40. Toward the Repeatability and Robustness of the Local Reference Frame for 3D Shape Matching: An Evaluation
41. Depth image-based object segmentation scheme for improving human action recognition
42. Denoising of Microscopy Images: A Review of the State-of-the-Art, and a New Sparsity-Based Method
43. Detection of People with Camouflage Pattern Via Dense Deconvolution Network



44. Elastic deformations for data augmentation in breast cancer mass detection
45. A new image denoising technique using orthogonal complex wavelets
46. Multi-Semi-Couple Super-Resolution Method for Edge Computing
47. Approximate computing for biometric security systems: A case study on iris scanning
48. Structure-Aware Local Sparse Coding for Visual Tracking.
49. Methodology for Improving Detection Speed of Pedestrians in Autonomous Vehicle by Image Class Classification.
50. Cognition for Enhanced Biometric Authentication
51. Feature Profiles from Attribute Filtering for Classification of Remote Sensing Images
52. A MAP-Based Approach for Hyperspectral Imagery Super-resolution
53. Full Scale Regression-based Injection Coefficients for Panchromatic Sharpening
54. Automatic Contrast Enhancement of Complex Low-contrast Images
55. Deep Learning Applications in Medical Image Analysis
56. Ship Detection From Thermal Remote Sensing Imagery Through Region-Based Deep Forest
57. Deep Coupled ResNet for Low-Resolution Face Recognition
58. Joint Segment-level and Pixel-wise Losses for Deep Learning based Retinal Vessel Segmentation
59. Adaptive Screen Content Image Enhancement Strategy using Layer-based Segmentation
60. Locally Adaptive Contrast Enhancement Using Convolutional Neural Network
61. Image Segmentation for Intensity Inhomogeneity in Presence of High Noise
62. A Multiscale and Multidepth Convolutional Neural Network for Remote Sensing Imagery Pan-Sharpener
63. Model-based learning of local image features for unsupervised texture segmentation
64. Adaptive Residual Networks for High-Quality Image Restoration.
65. A Robust Image Watermarking Technique with an Optimal DCT-Psychovisual Threshold.
66. Robust Single-Image Super-Resolution Based on Adaptive Edge-Preserving Smoothing Regularization
67. A Deep Spatial Contextual Long-term Recurrent Convolutional Network for Saliency Detection.
68. 3-D Deep Learning Approach for Remote Sensing Image Classification.



69. Facial Biometric Presentation Attack Detection Using Temporal Texture Cooccurrence.
70. Generalization of the Dark Channel Prior for Single Image Restoration.
71. Unsupervised Uncertainty Estimation Using Spatiotemporal Cues in Video Saliency Detection.
72. Automatic Detection of Plant Diseases; Utilizing an Unsupervised Cascaded Design.
73. Vehicle Tracking in Wide Area Motion Imagery via Stochastic Progressive Association Across Multiple Frames (SPAAM).
74. Background Modeling by Stability of Adaptive Features in Complex Scenes.
75. SVD-Based Tensor-Completion Technique for Background Initialization.
76. Face and Body Association for Video-based Face Recognition.
77. Detection of Hemorrhage from Fundus Images using Hybrid Method
78. Diagnosis of Diabetic Retinopathy by Detection of Microaneurysm And Exudates
79. Automatic non-proliferative diabetic retinopathy screening system based on color fundus image

