MATLAB Projects

IEEE 2016

MATLAB Projects

I. MATLAB based INFORMATION/MULTIMEDIA FORENSICS

1. Illuminant -based Transformed Spaces for Image Forensics. (IEEE 2016)
2. Block-based discrete wavelet transform singular value decomposition image watermarking scheme using human visual system characteristics. (IEEE 2016)

II. MATLAB based NEURAL NETWORKS & REMOTE SENSING

1. Robust Blur Kernel Estimation for License Plate Images from Fast Moving Vehicles. (IEEE 2016)
5. Edge Collapse-Based Dehazing Algorithm for Visibility Restoration in Real Scenes. (IEEE 2016)

III. MATLAB based BIOMEDICAL IMAGING

1. Novel Accurate and Fast Optic Disc Detection in Retinal Images with Vessel Distribution and Directional Characteristics. (IEEE 2016)
MATLAB Projects

IEEE 2016

2. Red Lesion Detection Using Dynamic Shape Features for Diabetic Retinopathy Screening. (IEEE 2016)
6. Identification and Evaluation on Diabetic Foot Injury by Computer Vision. (IEEE 2016)
7. MIGS-GPU: Microarray Image Gridding and Segmentation on the GPU. (IEEE 2016)

IV. MATLAB based DIGITAL IMAGE PROCESSING

1. Statistical Hypothesis Detector for Abnormal Event Detection in Crowded Scenes. (IEEE 2016)

V. MATLAB based BIO-METRIC AUTHENTICATION

1. Automatic Ear Landmark Localization, Segmentation & Pose Classification in Range Images. (IEEE 2016)
2. Fingerprint Liveness Detection using Convolutional Neural Networks. (IEEE 2016)
VI. MATLAB based EMBEDDED SYSTEM

2. Static and Dynamic Hand Gesture Recognition in Depth Data Using Dynamic Time Warping. (IEEE 2016)

VII. MATLAB based SURVEILLANCE AND SECURITY SYSTEM

1. Real Time Vehicle Detection with Foreground based cascade Classifier. (IEEE 2016)
5. Parallel algorithm implementation for multi-object tracking and surveillance. (IEEE 2016)
6. Onboard fuzzy logic approach to active fire detection in Brazilian amazon forest. (IEEE 2016)
MATLAB Projects

IEEE 2016

VIII. MATLAB based IMAGE ANALYSIS APPLICATIONS

1. Automatic Crack Detection and Measurement Based on Image Analysis. *(IEEE 2016)*
2. Robotic Disease Detection in Greenhouses: Combined Detection of Powdery Mildew and Tomato Spotted Wilt Virus. *(IEEE 2016)*
3. Text-Attentional Convolutional Neural Network for Scene Text Detection. *(IEEE 2016)*
5. Fake Currency Detection System using Texture and Shape Characteristics. *(IEEE 2016)*