

MATLAB Projects

I.MATLAB based on INFORMATION/MULTIMEDIA FORENSICS

1. Lossless Compression of Photo in JPEG Coded formats. **(IEEE2016)**
2. Illuminant -based Transformed Spaces for Image Forensics. **(IEEE2016)**
3. Block-based DWT image watermarking scheme using human visual system characteristics. **(IEEE2016)**
4. Steganography Based Security using Matrix Pattern and LSB Algorithms. **(IEEE2016)**

II.MATLAB based on NEURAL NETWORKS & REMOTE SENSING

1. License Plate Recognition using Robust Blur Kernel Estimation from Fast Moving Vehicles. **(IEEE2016)**
2. A Method of Fog and Mist Removal. **(IEEE2016)**
3. Shade Detection and Elimination from a Single Image. **(IEEE2016)**
4. Remote sensing Images for Polarimetric SAR Change Detection. **(IEEE2016)**
5. Visibility Restoration in Real Scenes using Edge Collapse-Based Dehazing Algorithm. **(IEEE2016)**

III.MATLAB based on BIOMEDICAL IMAGING

1. Novel Accurate and Optic Disc Segmentation in Retinal Images with Vessel Distribution and Directional Characteristics. **(IEEE2016)**
2. Red Lesion Detection for Retinopathy Screening Using Dynamic Shape Features. **(IEEE2016)**
3. Automatic Nematode worm Detection in Wireless Capsule Endoscopy. **(IEEE2016)**
4. Brain Tumour Segmentation based on Hierarchical Centroid Shape Descriptor. **(IEEE2016)**
5. Automated Glaucoma Screening from Fundus Images. **(IEEE2016)**

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IV. MATLAB based on DIGITAL IMAGE PROCESSING

1. Statistical Detector for Anomaly Detection. **(IEEE2016)**
2. Prediction of Saliency for human. **(IEEE2016)**

V. MATLAB based on BIO-METRIC AUTHENTICATION

1. Ear Landmark Localization & Pose Classification in Range Images. **(IEEE2016)**
2. Fakeness Prediction in Fingerprint using Convolutional Neural Networks. **(IEEE2016)**
3. A Non-Vascular Retina Authentication using Structural Features. **(IEEE2016)**
4. Finger Vein Pattern recognition using GSA- based Method. **(IEEE2016)**
5. Automated Recognition using Palm. **(IEEE2016)**

VI. MATLAB based on EMBEDDED SYSTEM

1. Abandoned Object Detection using Visual-Attention Based background Modeling. **(IEEE2016)**
2. Static and Dynamic Hand Movement (Gesture) Detection in Depth Data Using Dynamic Time Warping. **(IEEE2016)**
3. Sub Markov Haphazard walk for Image Segmentation. **(IEEE2016)**
4. Driver exhaustion Detection Method Based on Multi-Sensor Signals. **(IEEE2016)**

VII. MATLAB based on SURVEILLANCE AND SECURITY SYSTEM

1. Cascade Classifier for Real Time Vehicle Detection with Foreground. **(IEEE2016)**
2. Performance Measure for Visual Target Object Tracking. **(IEEE2016)**
3. Accident Avoidance using Vehicle Brake Light Detection. **(IEEE2016)**
4. Preventing Collisions Caused by Red-Light Runners in Traffic. **(IEEE2016)**
5. Multi-object detection and tracking for surveillance. **(IEEE2016)**
6. Automatic System for Fire Detection. **(IEEE2016)**

VIII. MATLAB based on IMAGE ANALYSIS APPLICATIONS

1. Crack Identification in buildings Based on Image Analysis. **(IEEE2016)**
2. Disease Prediction in Greenhouses: Detection of white floury covering and Tomato Spotted Wilt Virus. **(IEEE2016)**
3. Text-Attentional Network for Original Text Identification. **(IEEE2016)**
4. Reading Aid for the Blind People using Cloud. **(IEEE2016)**
5. Currency Recognition Using GLCM and k-NN for National /Multinational Currency. **(IEEE2016)**
6. Stump Resolution by Quadratic Programming. **(IEEE2016)**
7. Utterance Recognition using Decision Tress. **(IEEE2016)**