

MATLAB Projects

I. MATLAB based INFORMATION/MULTIMEDIA FORENSICS

1. Digital right management control for joint ownership of digital images using biometric features iris watermarking (**IEEE 2014**).
2. Data Hiding in Encrypted H.264/AVC Video Streams by Codeword Substitution. (**IEEE 2014**).
3. A Phase-Based Audio Watermarking System Robust to Acoustic Path Propagation (**IEEE 2014**).
4. A New Secure Image Transmission Technique via Secret-Fragment-Visible Mosaic Images by Nearly Reversible Color Transformations (**IEEE 2014**).
5. A Joint FED Watermarking System Using Spatial Fusion for Verifying the Security Issues of Teleradiology (**IEEE 2014**).

II. MATLAB based BIOMEDICAL IMAGING

1. Diagnosis of ophthalmologic disorders in retinal fundus images a defective eye from a normal eye (**IEEE 2014**).
2. Prostate MRI Segmentation Using Learned Semantic Knowledge and Graph Cuts. (**IEEE 2014**).

III. MATLAB based ARTIFICIAL NEURAL NETWORK

1. Segmentation of Remote Sensing Images Using Similarity-Measure-Based Fusion-MRF Model (**IEEE 2014**).
2. Localization of License Plate Number Using Dynamic Image Processing Techniques and Genetic Algorithms (**IEEE 2014**).

IV. MATLAB based DIGITAL IMAGE PROCESSING

1. Training Initialization of Hidden Markov Models in Human Action Recognition. (**IEEE 2014**).
2. Animated Pose Templates for Modeling and Detecting Human (**IEEE 2014**).

V. MATLAB based BIO-METRIC AUTHENTICATION

1. Efficient person Human Ear Recognition using geometric features (**IEEE 2014**).
2. An available database for the research of Finger Vein Recognition (**IEEE 2014**).
3. Multi-View Facial Expression Recognition Based on Group Sparse Reduced-Rank Regression (**IEEE 2014**).
4. Unraveling the Effect of Textured Contact Lenses on Iris Recognition (**IEEE 2014**).

VI. MATLAB based SURVEILLANCE AND SECURITY SYSTEM

1. Visual Object Tracking based on Backward Model Validation (**IEEE 2014**).
2. An Advanced Moving Object Detection Algorithm for Automatic Traffic Monitoring in Real-World Limited Bandwidth Networks (**IEEE 2014**).

VII. MATLAB based EMBEDDED SYSTEM

1. A New Network-Based algorithm for Human Activity Recognition in Videos (**IEEE 2014**). [**Device Based**]