MATLAB Projects

IEEE 2013

MATLAB Projects

I. **MATLAB based INFORMATION/MULTIMEDIA FORENSICS**

1. Singular value decomposition and wavelet-based iris biometric watermarking. *(IEEE 2013).*
2. Reversible data hiding technique for stream ciphered and wavelet compressed image. *(IEEE 2013).*

II. **MATLAB based BIOMEDICAL IMAGING**

1. Retinal Microaneurysm Detection through Local Rotating Cross-Section Profile Analysis *(IEEE 2013).*
2. Sequential decision tree using the analytic hierarchy process for decision support in rectal cancer. *(IEEE 2013).*

III. **MATLAB based ARTIFICIAL NEURAL NETWORK**

2. A Spike-Based Model of Neuronal Intrinsic Plasticity. *(IEEE 2013).*


IV. MATLAB based DIGITAL IMAGE PROCESSING


V. MATLAB based EMBEDDED SYSTEM


3. A Highly Scalable Key Pre-Distribution Scheme under an ON/OFF Channel (IEEE 2013).

VI. MATLAB based SURVEILLANCE AND SECURITY SYSTEM


2. Tracking Human with Multi-channel Interacting Multiple Models (IEEE 2013).
VII. MATLAB based INTELLIGENT TRANSPORTATION


VIII. MATLAB based BIO-METRIC


IX. MATLAB based REAL TIME APPLICATIONS

1. Higher Degree Total Variation (HDTV) Regularization for Image Recovery.
2. Medical Image Segmentation by Combining Graph Cuts and Oriented Active Appearance Models
3. On the Energy Efficiency-Spectral Efficiency Trade-off over the MIMO Rayleigh Fading Channel
4. Noisy Constrained Maximum-Likelihood Linear Regression for Noise-Robust Speech Recognition
5. Integrating Segmentation Information for Improved MRF-Based Elastic Image Registration
6. Time-Frequency Approach to Underdetermined Blind Source Separation
7. Vowel-Category based Short Utterance Speaker Recognition
9. Attentional control of associative learning—A possible role of the central cholinergic system.
10. Local Ordinal Contrast Pattern Histograms for Spatiotemporal, Lip-Based Speaker Authentication.