



MATLAB DIP & DSP PROJECT LIST

S.No

PROJECTS LIST

- 1 Face segmentation using skin color map in Videophone applications
- 2 Acoustic Echo Cancellation Algorithm Tolerable For Double Talk
- 3 Images blur reduction for cell-phone cameras via adaptive tonal correction
- 4 An Improved Visual Cryptography Scheme for Secret Hiding
- 5 Development of Medical Image Compression Techniques
- 6 A DWT based Approach for Steganography Using Biometrics
- 7 Adaptive Noise Canceling (Anc) Applied To Fetal Electrocardiography
- 8 Auto Audio Equalizer Using Digital Signal Analysis.
- 9 Segmentation of Functional MRI by K-Means Clustering
- 10 Wavelet based palm print authentication system
- 11 Satellite Image Contrast Enhancement Using Discrete Wavelet Transform and Singular Value Decomposition
- 12 Real Time Skin-Tone Detection with a Single-Chip Digital Camera
- 13 A Survey on Pixel-Based Skin Color Detection Techniques
- 14 Image Retrieval Using both Color and Texture Features
- 15 Image Encryption Using Binary Key-Images
- 16 Distinctive Image Features from Scale-Invariant Key points
- 17 Segmentation and Reconstruction of the Pulmonary Parenchyma



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MATLAB DIP & DSP PROJECT LIST

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18	Image Denoising With the Contourlet Transform
19	The Contourlet Transform for Image Compression
20	Speech Enhancement Based On a Robust Adaptive Kalman Filter
21	An Edge Guided Image Interpolation Algorithm via Directional Filtering and Data Fusion
22	Fast sparse image reconstruction using Adaptive nonlinear filtering
23	A dwt based approach for steganography using biometrics
24	On embedding of text in audio – a case of steganography.
25	Speech encryption and decryption by using matlab
26	Optical character recognition system by using MATLAB.
27	Speech compression using wavelet transform.
28	Preamble-based SNR Estimation in Frequency Selective Channels for Wireless OFDM Systems
29	Reversible and high-capacity data hiding in medical images.
30	A New Image Fusion Scheme Based on Wavelet Transform.
31	Image Resolution and enhancement using DWT.
32	Distinctive Image Features from Scale-Invariant Key points
33	A Dual Digital-Image Watermarking Technique
34	IMAGE Resolution Enhancement by Using Discrete and Stationary Wavelet Decomposition



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35	Adaptive bilateral filter for sharpness enhancement and noise Removal
36	Development of a Novel Voice Verification System Using Wavelets
37	Investigation Of Fault-Tolerant Adaptive Filtering For Noisy Ecg Signals
38	Reduced time complexity for detection of copy-move forgery using discrete wavelet transform
39	Wavelet based palm print authentication system
40	Steganography Using Bpcs to the Integer Wavelet Transformed Image
41	Speech compression using wavelet transform.
42	Digital Image Watermarking Using Localized Biorthogonal Wavelets
43	Image retrieval using both color and texture features
44	Image denoising using median filter
45	Content Based Image Retrieval Using Texture Feature Based On Pyramidal Structure Wavelet Transform
46	Dual-Band Band Pass Filter Design Using a Novel Feed Scheme
47	Satellite Image Enhancement Using Dwt and Svd
48	Blurred Image Recognition by Legendre Moment Invariants
49	Noise Elimination In Images By Using median Filters
50	Robust Image Watermarking Using Particle Swarm Optimization
51	Ecg signal denoising and baseline wander correction based on the empirical Mode decomposition



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52	Tricolor Attenuation of Shadow Detection
53	Face Recognizaton by Using Matlab
54	Effective Fuzzy Clustering Algorithm for Abnormal MR Brain Image.
55	Lossless Visible Water marking by using Translucent & Opaque Monochrome Methods
56	An efficient wavelet-based pattern matching Scheme for ecg data compression
57	An improved face recognition technique based on modular pca approach
58	A robust algorithm for shadow removal of foreground detection In video surveillance
59	The curvelet transform for image denoising
60	Data hiding in audio signal by using MATLAB
61	A wavelet based statistical method for de-noising of Ocular artifacts in eeg signals
62	Fingerprint Image Enhancement Algorithm and Performance Evaluation using STFT
63	Image Encryption Using Binary Key-images
64	Adaptive Bilateral Filter for Sharpness Enhancement and Noise Removal
65	A Moving Target Detection Algorithm Based on the Dynamic Background
66	Image retrieval by using color features
67	Color image enhancement with a hvs based adaptive filter
68	Oversampling to Reduce the Effect of Timing Jitter on High Speed OFDM System



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69 Personal authentication using hand vein triangulation and knuckle shape

70 Generic lossless visible watermarking a new approach

71 Reversible Data Hiding Based on Histogram Modification of Pixel Differences

72 Compress compound images in h.264/mpeg-4 avc by fully exploiting spatial correlation

73 A Robust Image Watermarking using Two Level DCT and Wavelet Packets

74 Non-parametric linear time-invariant system identification by Discrete wavelet transforms

75 Ecg signal denoising and baseline wander correction based on the empirical Mode decomposition

76 A New Fast and Efficient Decision-Based Algorithm for Removal of High-Density Impulse Noises

77 Salt and Pepper Noise Detection And Removal By Tolerance Based Selective Arithmetic Mean Filtering Technique For Image Restoration