



# Mirror Technologies

*Reflecting Ideas..*

- ✓ 100 % OUTPUT AND QUALITY ASSURANCE
- ✓ 100% PRACTICAL TRAINING ON ALL DOMAINS

## MATLAB- DIGITAL IMAGE PROCESSING TITLES-2012

S.NO	TITLE	YEAR	DESCRIPTION
1	On the effectiveness of local warping against SIFT-based copy-move detection	2012	Effectiveness of some methodologies which introduce a local warping onto the copy-pasted patches in order to reduce the detection capability of SIFT-based approaches
2	Contrast Enhancement Using Dominant Brightness Level Analysis and Adaptive Intensity Transformation for Remote Sensing Images	2012	Brightness-adaptive intensity transfer functions using the low-frequency luminance component in the wavelet domain and transforms intensity values according to the transfer function
3	A Multi scale Error Diffusion Technique for Digital Multi toning	2012	A method to produce multi tones based on the multi scale error diffusion technique
4	A Robust Traffic Sign Recognition System for Intelligent Vehicles	2011	Robust traffic signs recognition system for the real utilization of intelligent vehicles
5	Research on computer color recovery system for traditional Chinese painting	2012	Automatic Chinese painting's color recovery model is also constructed, based on the fact that the color frequently used in Chinese painting will become natural aging along with the time
6	Optimized partial image encryption scheme using PSO	2012	A novel optimized partial image encryption scheme based on Particle swarm optimization and the Daubechies4 transform is developed which provide solutions to the issues such as statistical attacks and

			confidentiality
7	Forest Fire Smoke Detection in Video Based on Digital Image Processing Approach with Static and Dynamic Characteristic Analysis	2011	Method for forest fire smoke detection in video based on digital image processing approach with static and dynamic characteristic analysis
8	Discrete Wavelet Transform-Based Satellite Image Resolution Enhancement	2011	New satellite image resolution enhancement technique based on the interpolation of the high-frequency sub bands obtained by discrete wavelet transform (DWT) and the input image
9	Automatic Road Extraction Using High Resolution Satellite Images Based On Level Set And Mean Shift Methods	2011	road extraction is performed using Level Set and Mean Shift method. Finally the accuracy for the road extracted images is evaluated based on quality measures
10	Discrete Wavelet Transform-Based Satellite Image Resolution Enhancement	2011	Proposed a new satellite image resolution enhancement technique based on the interpolation of the high-frequency sub-bands obtained by discrete wavelet transform (DWT) and the input image
11	Poisson Noise Removal From Images Using The Fast Discrete Curvelet Transform	2011	A strategy to combine the variance stabilizing transform (VST), used for Poisson image denoising, with the fast discrete Curvelet transform (FDCT)
12	Performance Analysis Of Integer Wavelet Transform For Image Compression	2011	Integer Wavelet Packet Transform (IWPT) yields a representation which can be lossless, as it maps an integer valued sequence onto the integer valued coefficients
13	Wavelet Enhanced Fusion Algorithm For Multisensor Images	2011	the general integration scheme based on image enhancement, and presents a fusion method with the wavelet image enhancement technology
14	Tracking and counting people in visual surveillance systems	2011	we present a scheme to automatically track and count people in a surveillance system
15	Color Image Enhancement With A Human Visual System Based Adaptive Filter	2010	the adaptive characteristics of human visual system, a new color image enhancement algorithm based on

			human visual system adaptive filter is proposed
16	Intelligent compression of medical images with texture information	2010	strives to do justice to the three, namely: memory requirement, bandwidth constraint and battery resource constraint without compromising on the quality of the medical image as it could be extremely detrimental to precise and perfect diagnosis
17	A Modified Weighted Based Filter For Removal Of Random Impulse Noise	2011	Novel Modified Weighted Based(MWB) filter has been proposed, which is based on the weighted differences between the current pixel and its neighbors aligned with four main directions
18	A new adaptive weight algorithm for salt and pepper noise removal	2011	A new adaptive weight algorithm is developed for the removal of salt and pepper noise. It consists of two major steps, first to detect noise pixels according to the correlations between image pixels, then use different methods based on the various noise levels
19	Finding Correlated Biclusters from Gene Expression Data	2011	Based on Gene Expression data abnormalities like cancer detection and type identification can be done with SVM,ICA,dimension reduction PCA
20	A Learning-Based Similarity Fusion and Filtering Approach for Biomedical Image Retrieval Using SVM Classification and Relevance Feedback	2011	Bio-medical image retrieval like lung or any scanned images based on features extracted and using SVM classifier and relevance feedback is used to get feedback from users hence improved accuracy
21	Scalable Face Image Retrieval with Identity-Based Quantization and Multi reference Reranking	2011	Face image retrieval with identity based quantization and re-ranking can be used to retrieve faces like google search engine especially for face database with scalability.
22	A Universal Noise Removal Algorithm With an Impulse Detector	2011	Noise removal algorithm can eliminate upto impulse, Gaussian, mixed noises using four different filters upto ROAD filter.

23	Scanned Compound Document Encoding Using Multiscale Recurrent Patterns	2010	Encoding technique based on arithmetic encoder using multiscale recurrent patterns,hat filtering hence compression ratio will be more
24	Spatial-Range Mean-Shift Filtering and Segmentation Applied to SAR Images	2011	Segmentation in Satellite images like Weather report or coastal area can be segregated using MS algorithm and different filtering are used to get accured fragments
25	Nonlocal Filtering for Polarimetric SAR Data: A Pretest Approach	2011	Filtering method in POLSAR images using Polarimetric whitening filter, Hough transform and parameters like 1.PSNR 2.ESL are estimated
26	A 140-MHz 94 K Gates HD1080p 30- Frames/s Intra-Only Profile H.264 Encoder	2010	Encoder design H264 for video applications for compression using Entropy encoding and quantization.