



DIGITAL IMAGE PROCESSING SIMULATION SOFTWARE TRAINER

MODEL - DIP100

This Software trainer provides Simulation of Digital Image Processing in MATLAB.



FEATURES

1. Study of the detailed theory of Digital Image Processing.
2. Simulation of Digital Image Processing in MATLAB.

Note: - Matlab Software Version 7 or greater is required to this simulations.

SPECIFICATIONS

1. Digital Image Processing Software
2. Matlab Simulation .m files : more than 50 Files
3. **Books for Digital Image Processing : 10 Nos in pdf Format**
4. **Mp4 Video Class for Digital Image Processing: 40 Classes in Mp4 on Pen Drive**

EXPERIMENTS

1. To perform basic operations on images.
2. To perform conversion between color spaces. To perform histogram equalization.
3. To perform image filtering in spatial domain.
4. To perform image filtering in frequency domain.
5. To perform image compression using DCT / Wavelet transform.
6. To perform edge detection using various masks.
7. To perform global and adaptive thresholding.
8. To apply morphological operators on an image.
9. To obtain boundary / regional descriptors of an image.
10. To perform image classification / recognition

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