Department of Electronics & Communication Engineering

Faculty of Engineering, Integral University, Lucknow

Assignment Sheet -3

Digital Image Processing

Faculty :   Mohammad Arshad
Due Date:
Section: EC-1
Problems: 6
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1) Draw the basic block diagram of the image restoration process and explain each block.

2) Discuss the algebraic method for Image Restoration.

3) What do you mean by image segmentation? What are the different ways in which segmentation algorithm can be classified.

4) Explain technique of thersholding for segmentation.

5) Explain gradient based image segmentation.

6) In how many ways you can structure the segmented image.

Do the Assignment on A-4 sheet only. Use both side of the page
After the last date of the submission, assignment will not be accepted and zero marks will be allotted to the student who fails to submit the assignment on due date.
For help student can take reference reading of the book Digital Image Processing by Kenneth R. Castleman/ PHI and Digital Image Processing by Gonzalez & P. Wint