

IIVP632/IIVP240
Lab Assignment-2-P
Octave/MATLAB

%PROBLEM%

Can use inbuilt functions

Time:1Hr

1. Write a program to add different noises using MATLAB functions into a grayscale image then apply appropriate filters using MATLAB inbuilt functions to remove those noises.
2. With the help of MATLAB functions count the number of 4-connected and 8-connected components in a grayscale image and show the corresponding components.
3. Take a grayscale facial image and extract eyes, nose, and lips from the image and show in a single figure window using subplot.
4. Compute Euclidian distance between the eyes extracted in the previous exercise. Take the image of a single eye extracted in the previous exercise and divide it into two equal parts vertically and compute the Euclidian distance between the two parts. MATLAB inbuilt functions can be used.