

IIVP632/IIVP240
Lab Assignment-4-A
Octave/MATLAB

%PROBLEM%

Cannot use inbuilt functions

Time:1Hr

1. Compute the edge image of the given face with Sobel and Prewitt operator with resultant magnitude and proper threshold. Show these resulting edge images.

(Use general method of convolution with these operators to compute the edge images and then apply threshold on the resultant gradient. Do not use predefined functions.)

2. Find the difference histogram of edge images obtained without applying threshold in question 1 and plot the difference histogram.