

Digital Image Processing

End Term Lab Examination, Duration – 1 Hour

1. For the given set of 100 frames, perform background subtraction with the following steps
 - Compute mean/average of all the 100 frames and write/store the mean image.
 - Subtract each frame with the mean image. Take the absolute value (i.e. only the magnitude values) of the subtracted image. Now perform segmentation using the following types of thresholding techniques
 - a. Take mean threshold.
 - b. Take median threshold.
 - c. Perform Global thresholding.
 - d. Perform Adaptive thresholding, select your own set of parameters.
- For each step (a), (b), (c), (d), write/store all the 100 binary images after thresholding in different folders, respectively.