

E9 241: Digital Image Processing (2020-21)

Assignment 5

Due Date: 15th January, 2021 (Late submissions will be penalized)

Total marks: 50

1) Take 2 images of your choice. The first image can be simple with clear corners and the second image can be more complex.

- a) Implement Harris corner detector. Experiment with different threshold values and report your results. (25)
- b) Modify the chosen images in various ways - eg. rotate, scale, add noise, etc. and detect corners for these images. Analyse the difference in performance as compared to the original images. (25)