

Project #4

assign May 11, 2020 due May 15, 2020

Consider the degraded image image-pj4 (motion blurring).

- (a) (50%) Estimate the direction of linear motion and the displacement (in pixels).
- (b) (50%) Construct and plot the restored image using the $H(u,v)$ obtained.

Your report (Word or pdf format) should contain:

- Source codes (30%)
- Figures of the Fourier magnitude spectra of the degraded image image-pj4 (motion blurring) (15%)
- Figure of the Fourier magnitude of degradation model $H(u,v)$ for uniformly linear motion blurring (20%)
- Figure of the output image (15%)
- Model parameters: direction of linear motion, estimate of displacement in pixel (20%)



Upload your report to new e3 before midnight of due date!