Project #3

assign November 16, 2020 due November 21, 2020

Consider the image Bird 2 degraded, degraded by mild atmospheric turbulence blurring.

(a) Estimate the parameter k of the model developed by Hufnagel & Stanley.

(b) Construct and plot the restored image using the $H(u,v)$ obtained.

Your report (Word or pdf format) should contain:

- Source codes (30%)
- Figure of the Fourier magnitude spectrum of the degraded image Bird 2 degraded (15%)
- Figure of the Fourier magnitude (frequency response) of degradation model $H(u,v)$ (15%)
- Figures of the output images using different radii (50, 85, 120) of inverse filtering (30%)
- Model parameter k (10%)

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