

Project #4

assign December 7, 2020 due December 12, 2020

Consider the RGB color image **Bird 3 blurred.tif** below.

- (a) Determine and plot the R, G, B, H, S and I component images.
- (b) Sharpen the image by RGB-based and HSI-based schemes (refer to Example 6.13)

Your report (Word or pdf format) should contain:

- Source codes (30%)
- Figures of R, G, B, H, S and I component images (30%)
- Figures of RGB-based (15%) and HSI-based (15%) sharpened images and their difference image (10%)

Note: Images must be plotted with good resolution (at least 12cm×12cm).

Upload your report to new e3 before due time!

