

Digital Image Processing, 4th ed.

Gonzalez & Woods

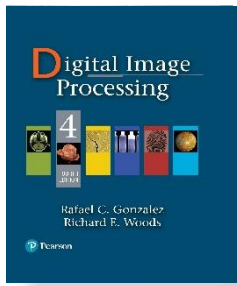
www.ImageProcessingPlace.com

Projects

#5

imageHist4e(f,mode)

- (a) Write a function **`g=imagehist4e(f,mode)`**, for computing the histogram of a 256-level grayscale image, **`f`**, whose intensities are nonnegative. If **`mode='n'`** the histogram should be normalized (this is the default). Otherwise, if **`mode='u'`**, the histogram should be unnormalized.
- (b) Generate and plot the histogram for the image **`rose1024.tif`** using **`mode='n'`**.
- (c) what conclusions about image appearance can you draw from this histogram?



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What should be uploaded?

1. m file (commented);
2. Images obtained and conclusions about image appearance.