

Introduction to Computer Vision
Problem Set 0

2. d) The red channel may be better for use in a computer vision algorithm, since the red leaves of the trees stand out as high intensity.

4. a) Min = 0
Max = 255
Mean = 80.862
Standard Deviation = 46.544

These values can be obtained through Octave statistical methods.

d) Negative pixel values means that the original image has a lower intensity than the shifted at that particular pixel.

5. a) I had to use a sigma value of 20.

c) The green noise has more of an effect, since there was more green in the original picture.