

Disciplina: Processamento Digital de Imagens

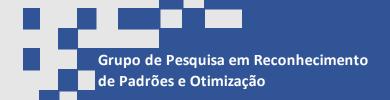




#5 imageHist4e(f,mode)

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.





Disciplina: Processamento Digital de Imagens





#5

histEqual4e(f)

- Write a function **g=histEqual4e(f)**, for performing histogram equalization on 8-bit input image.
- Test the functions imagehist4e (using mode='n') and histEqual4e with the images rose1024.tif, spillway-dark.tif and hidden-horse.tif.
- iv. What conclusions about image appearance can you draw from this histogram?



Disciplina: Processamento Digital de Imagens





What should be uploaded?

- Main script that call and execute the function;
- m file (commented);
- Images obtained and conclusions about image appearance.
- Report.