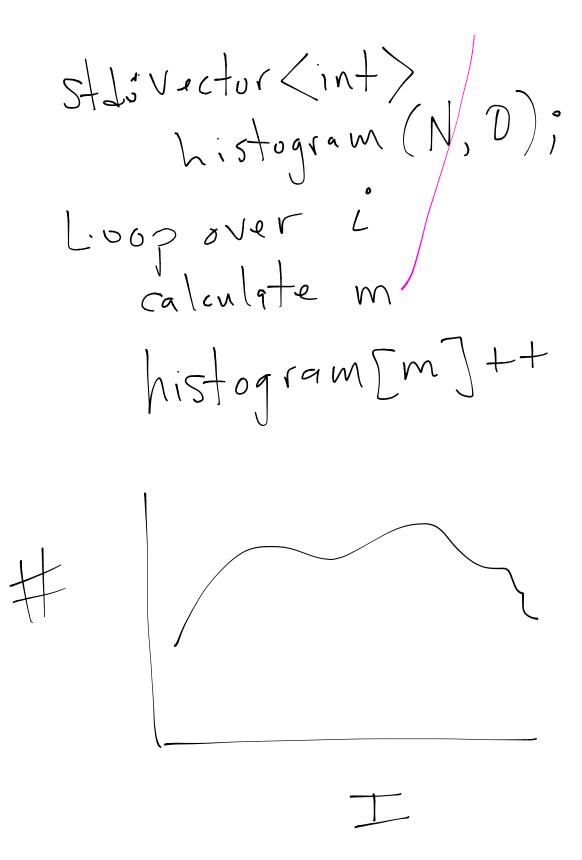
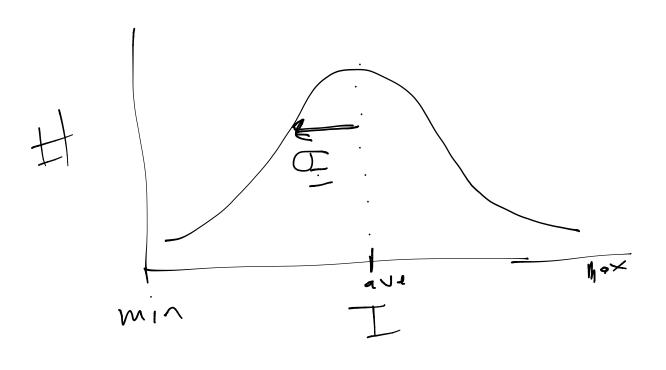
Image Statistics Channel I (R,G,B,L") Ti - intensity at pixeli Imax = maximum I; Imin = minimum I mean = (] Ii)/NXNy
(average) Standard deviation

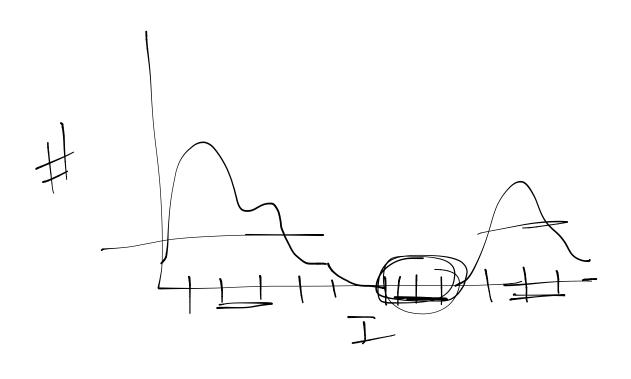
$$= \left(\frac{1}{1} + \frac{1}{1}\right) / \frac{1}{1} = \frac{1}{1}$$

5 Holder ave min may histogram intensity bins N = # bins Itin = Imin + m DI 0 5 m < N-1



Gaussian





Probability Density Function (PDF) PDF = histogram/ NxM Std: Nector/flost) PDF(N, O.D) PDF[b] = histogram[b] Nx NN 2 PDF[6] = 1 Cumulative Density

(DF[9] = 2 PDF[v] = Imin + 9 MI +9 -> +DI Histogram equalization

replace I; by I;