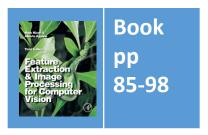
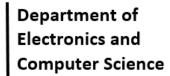
Lecture 4 Point Operators

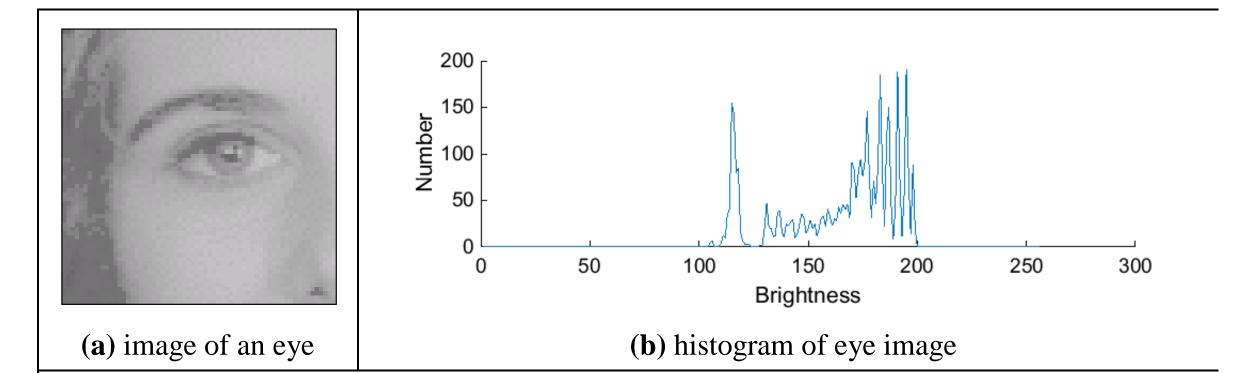
COMP3204 & COMP6223 Computer Vision

How many different operators are there which operate on image points?





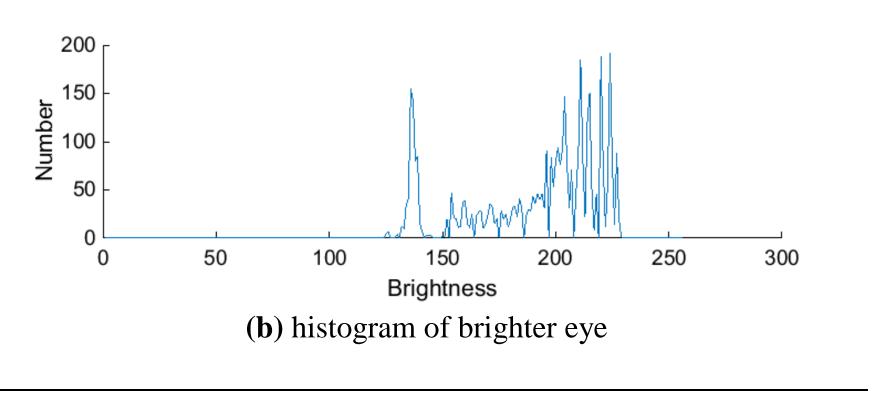




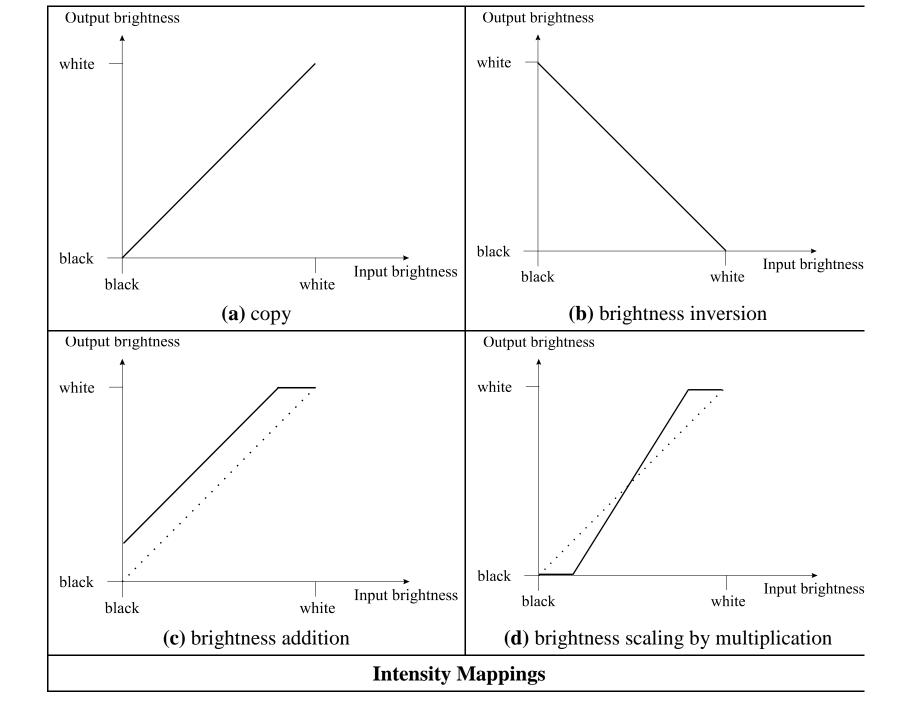
An Image and its Histogram



(a) image of brighter eye



Brightening an Image



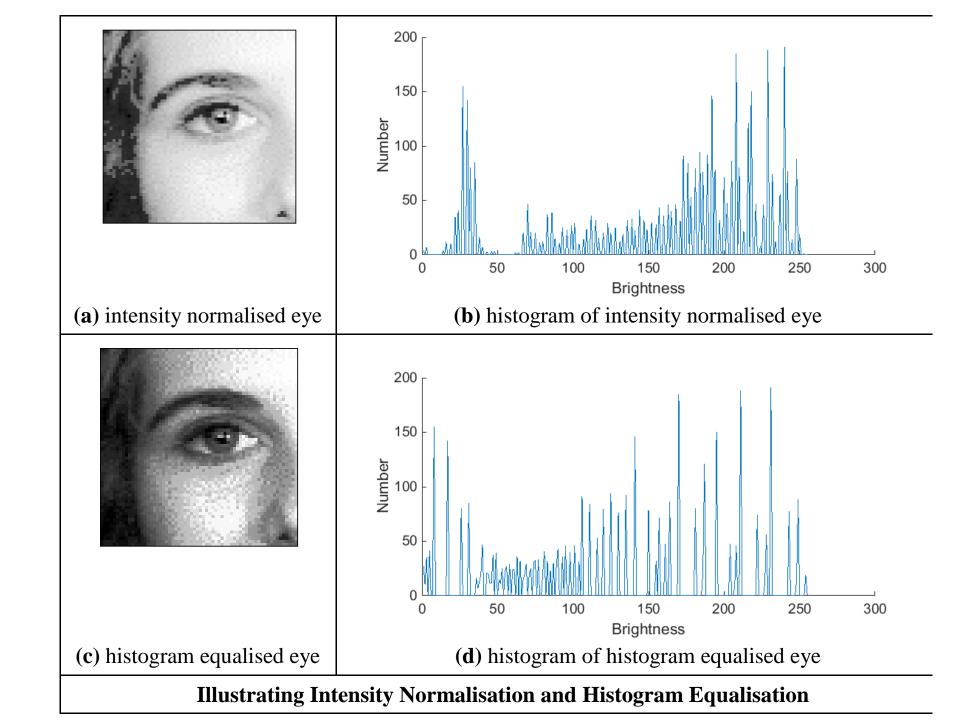


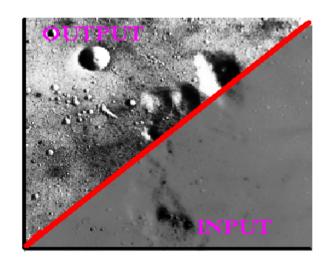
(a) logarithmic compression



(b) exponential expansion

Applying Exponential and Logarithmic Point Operators





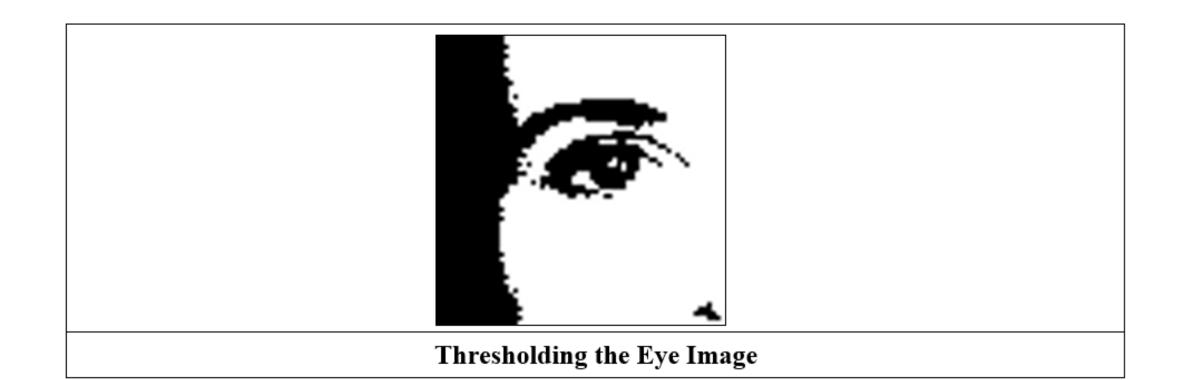


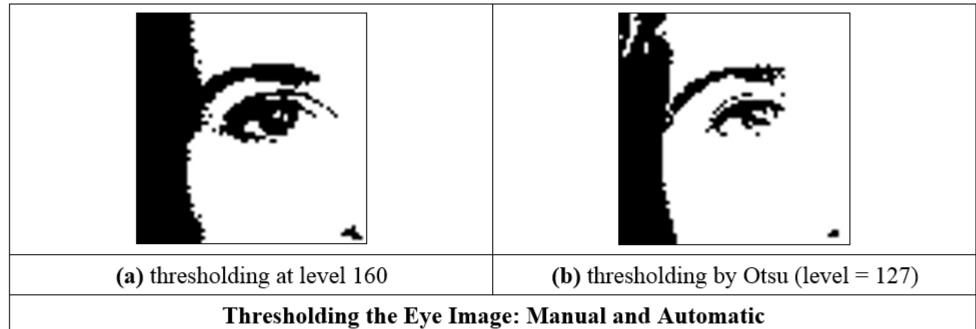


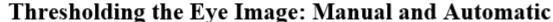
http://homepages.inf.ed.ac.uk/rbf/HIPR2/histeq.htm;

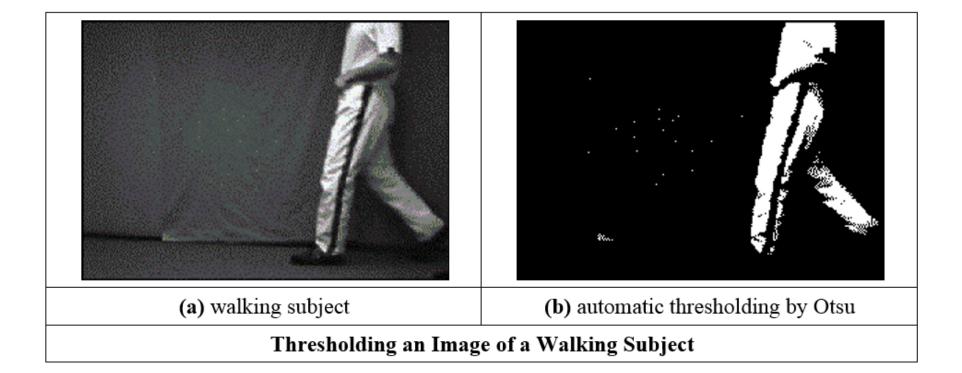
http://docs.opencv.org/doc/tutorials/imgproc/histograms/histogram equalization/histogram equalization.html;

http://www.softpedia.com/get/Multimedia/Video/Other-VIDEO-Tools/Easy-Histogram-Equalization.shtml

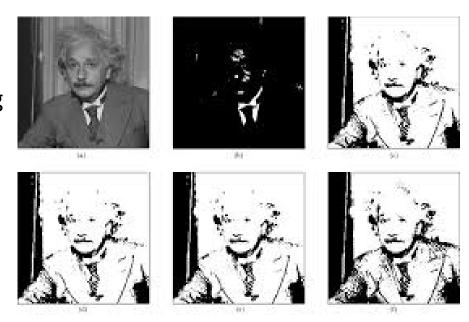








Entropic thresholding (2010)



Optimal thresholding

