Thresholding Definition In the context of greyscale images, a threshold is a grey value (i.e. an integer between 0 and 255) that can serve as a means to produce binary images, e.g. black (0) and white (255) images. Everything below the threshold will be classified/manipulated differently that than the pixels above (and in) the threshold. tinding the threshold: method 1 Create a histogram of the source image 2 Initialise theshold to zero, current Threshold = 0 3 Calculate average grey-value to the left of the threshold. 4 Calculate overage gry-value to the right of the threshold. Colculate average of left-overage (B) and right-average (1). 6 Check if the left-right-overage (5) is - after rounding - equal to our current threshold. If it is that's our final threshold, otherwise Increment current threshold and go to step 3.