

CHAPTER 6

CONCLUSION

One technique is used to improving image qualities are Contrast Stretching and Histogram Equalization. Contrast Stretching method distribute the pixel intensity from old range to new range so it stretched in the new range. The Histogram Equalization method leveling the pixel intensity value so that is evenly distributed throughout the image. Contrast Stretching Method and Histogram Method Equalization provides different image output results, when seeing or looking the image output Histogram Equalization method produces images brighter than Contrast Stretching method which tends dim. However, when using the image quality parameters, namely PSNR, the image produced by Histogram Equalization method cannot be said better than Contrast Stretching method or otherwise. All depends on the original image that has poor or good lighting. In some images that have been tested by Contrast Stretching method gives a high PSNR value compared with Histogram Equalization method.

This research is of course still lacking, therefore it is necessary to make improvements in future research, for example, other parameters such as histograms are used to see image quality that is dim or bright and uses original color images.