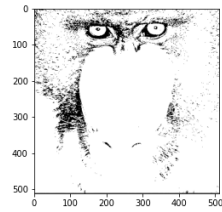# CAP5400: Assignment 0

Nam Nguyen

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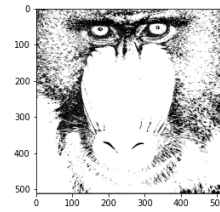
1 Introduction

This report includes double thresholding function and its output.
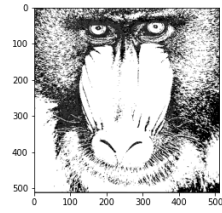
2 Results

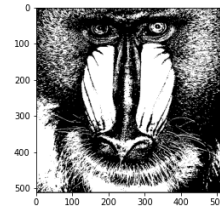
(a) T1 = 20, T2 = 70

(b) T1 = 50, T2 = 100

(c) T1 = 70, T2 = 150

(d) T1 = 100, T2 = 150

Figure 1: Varying double thresholding

3 Observation

When we use threshold ranging from $T_1 = 100$ to $T_2 = 150$, we are able to capture more features from the nose region of the object. Varying the thresholds enables us to extract useful features and traits from images.