CS-GY 6643 Computer Vision

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Project 1: Extended Otsu's method

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1. How to run the code

I finish this project with python. To run the code, you need to open the Jupyter Notebook "project1-submit"

2. Greyscale image:

Food - grey (file:data13-out.bmp):

The best split for food image is t1, t2, t3 = [76,155,221]

Fruit - grey(file:fruits2b_out.bmp)

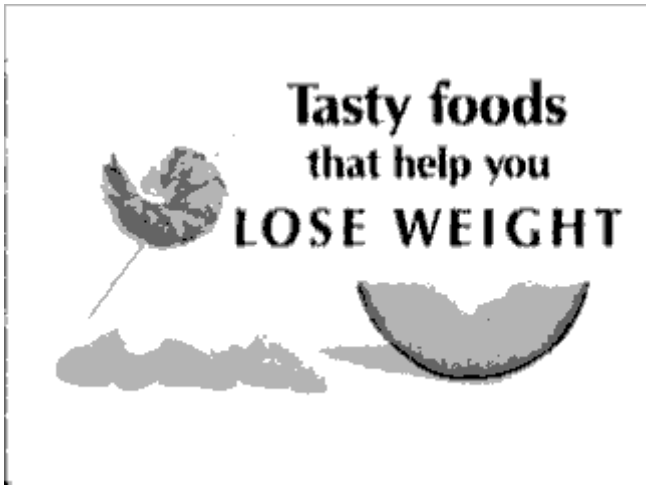
The best split for food image is t1, t2, t3 = [87,139,171]

Tiger - grey(file:tiger1_out.bmp)

The best split for food image is t1, t2, t3 = [44, 104, 174]

3. Segmented Greyscale Image

Food - segmented grey (file:data13-out_segmented.bmp)



Fruit - segmented grey(file:fruits2b_out_segmented.bmp)

Tiger - segmented grey(file:tiger1_out_segmented.bmp)