

Exercise Sheet 03

(Multi-Resolution Analysis)

Please note: The exercises will be neither collected, nor corrected, or graded.

Exercise I

Consider the following images:

<http://www.ifis.cs.tu-bs.de/sites/default/files/04-Multi-Resolution-Analysis.zip>

- a) Calculate the threshold of each of the seven mentioned images, by using the isodata algorithm.
- b) Extract the left and right side of each image according to its threshold, and express your opinion towards the semantic quality of the resulting 2 image parts (which images were successfully segmented and which not)
- c) Look at the images and at the histograms and find yourself a threshold you think fits each image.