

Computer vision - Assignment 2

1. Perform image segmentation using any two segmentation methods (presented in the lectures or other). Compare the results with each other- What are the advantages of each of the used techniques. Include resulting images and code in the report. The report should include details of different parameters used in the segmentation. The two images to be used are attached in the BB folder.
2. Perform any image enhancement techniques and repeat the Task 1. Discuss how the enhancement on the image improved the segmentation output. Include details of the enhancement method used, also the reason why the specific enhancement is used.

You should use any resources at your disposal to complete this assignment, not only the course content.

Write your own code, and limit the use of functions available in Matlab/Python to basic functions (do not use any built-in segmentation or enhancement technique).

The report should be at most 4 pages including references and result images. It should consist of 4 main sections: an introduction, a section presenting and discussing your methodology and results for the segmentation task, a similar section for the enhancement task and a conclusion section.

Submission deadline: **Friday, 7 April 2023, 23:59**

Submit report (pdf) + code file via Blackboard (no zip files, please).