

IMAGE PROCESSING
Morphological Image Analysis
LABORATORY 6 (groups of maximum 2 students)

Requirements

- Review [OpenCV Tutorial C++](#)
- OpenCV
- Perform the class activities

Activities:

- a.) **This activity will be graded on Friday 12-04-2019**

Read an Image, bonarize it and perform the following tasks:

- a.1) **(4 points)** Implement your own code for erosion or dilation (not use the opencv function)
a.2) **(4 points)** Choose one Morphological Algorithms and implement your own code (not use the opencv function)

Morphological algorithms:

- Shape boundaries
- Region filling
- Connected components
- Convex hull
- Thinning
- Thickening
- Skeletons

- a.4) **(2 points)** Display on the screen all results.