

Robotic Vision: Counting Parts

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Background

To have a basic understanding of Sherlock UI and its implemented algorithms

Objective:

Count elements in image using Sherlock

Implementation

- Once we have opened the image set, we have to pre-processing it.
 - Set region of Interest
 - Use threshold to change the image to complete binary image
 - Dilate-Erode in order to delete any imperfection of the image
- Count black blobs on processed image, changing the area and the detection for black blobs

Result:

