

CSC-483 - Final Project Report

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1 Methods

The functions dilate and open are two functions that eliminate pixels in the image, but that means that it eliminates noise and the planaria itself, which is not desirable. Therefore, I think although erosion and closing are two functions that enhance areas of the image that have pixels, it's preferable to have enhancement of noise and the planaria over eliminating general pixels in the image so that the planaria is still identifiable. Of course this also depends on the images that I'm using because it wouldn't be good to over enhance pixels in images that have a lot of noise because then it'd make identifying the planaria hard.

I couldn't quite get the contours function working in OpenCV and I'm not too sure why. I had some classmates and friends try to help me out, but they also couldn't figure out why it wasn't working correctly. Unfortunately, because I can't get the contours function working, that means that I will not be able to get any of the other objectives working for this project since they all rely on the contours of the planaria.