

Intro to AI & CV
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Homework 2

1. Write a code that reads an image containing a white disk on a black background and outputs the area (number of pixels) of the disk.
2. Write a code that reads color images from a specific folder on your computer, converts them to greyscale, then filters them using a 3x3 median filter.
3. How would you detect edges in an image in order to recognize contours of objects? Only mention a high-level description of your methodology.