**LINKS:**

1. [RGB to GrayScale in Skimage](https://scikit-image.org/docs/stable/auto_examples/color_exposure/plot_rgb_to_gray.html)
2. [Edge Detection using Pillow](https://www.geeksforgeeks.org/python-edge-detection-using-pillow/)
3. [Watershed segmentation](https://scikit-image.org/docs/stable/auto_examples/segmentation/plot_watershed.html)
4. [Sobel Operator](https://en.wikipedia.org/wiki/Sobel_operator)
5. [Partial filtering](https://stackoverflow.com/questions/52365190/blur-a-specific-part-of-an-image)

**BOOKS:**

*Digital Image Processing*, Third Edition, R. Gonzalez, R. Woods

Also, an article under the name doc.pdf in file