



Edge Filtering

Task1: Use the difference of Gaussian filters to find the edges in an image.

Task2: Use Laplacian of Gaussian and Sobel Filters to find the edges in an image.

Task3: Apply Canny Edge Detection to find the edges in an image.

Task4: Compare the results of finding edges using different approaches implemented in Task1, Task2 and Task3.

Task5: Submit the secret code by finding the common edges in Image 1 and in Image 2 provided. Hint: Use Canny Edge detection and then AND operation to find the common edges

Use any language and framework of your choice but Jupyter notebook is preferred.