# Computer Vision HW10, Zero Crossing Edge Detection

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tags: NTU CS Computer Vision Writeup Report

NTU CSIE, R08922024, Alfons Hwu Prequisites and env as the following

```
Ubuntu WSL for windows with jupyter notebook
Python3.6.7
OpenCV for image IO
Matplotlib for displaying image
```

# Laplace Mask1 (0, 1, 0, 1, -4, 1, 0, 1, 0): 15



Laplace Mask2 (1, 1, 1, 1, -8, 1, 1, 1, 1): 15



# Minimum variance Laplacian: 20



## Laplace of Gaussian: 3000



### Difference of Gaussian: 1

