Computer Vision HW10

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- Write the following programs to detect edge:
 Zero-crossing on the following four types of images to get edge images (choose proper thresholds)
 - 1. Laplacian
 - 2. minimum-variance Laplacian
 - 3. Laplacian of Gaussian
 - 4. Difference of Gaussian, (use tk to generate D.O.G.) dog (inhibitory, excitatory, kernel size=11)

這一次的 edge detection 基本上的概念都一樣,都是使用 convolution,只是當中的 mask 選擇不同

第一個 Laplacian Mask

0	1	0
1	-4	1
0	1	0

第二個 Laplacian Mask

1	1	1
1	-8	1
1	1	1

Minimum Variance Laplacian

2	-1	2
-1	-4	-1
2	-1	2

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Laplace Of Gaussian

Result:

