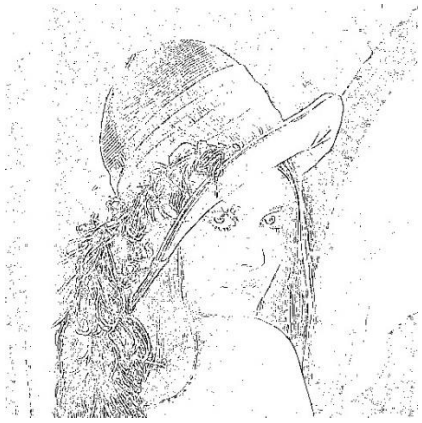
(a) Laplace Mask1

Threshold value: 15

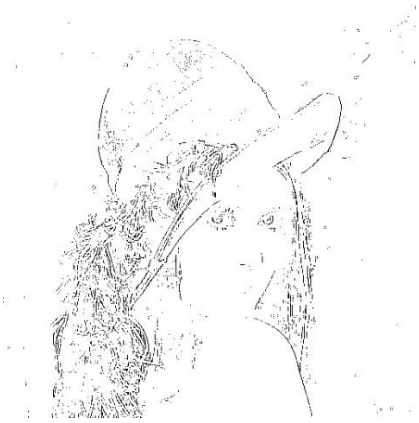
(b) Laplace Mask2

Threshold value: 15



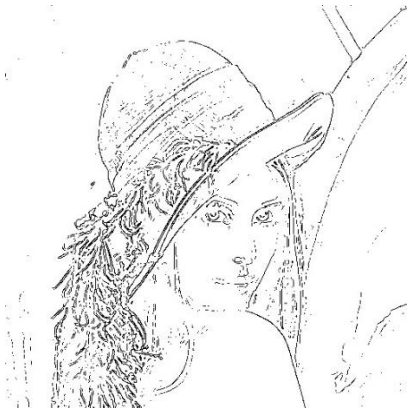
(c) Minimum variance Laplacian

Threshold value: 20



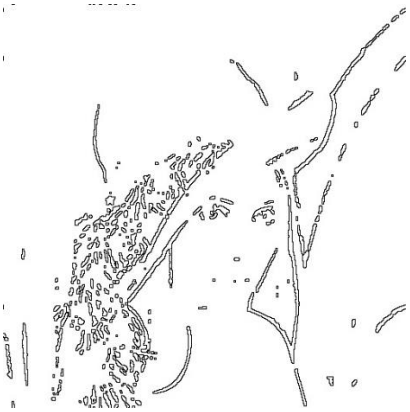
(d) Laplace of Gaussian

Threshold value: 3000



(e) Difference of Gaussian

Threshold value: 1



"python R11922150_HW10.py" to run the program.

In this homework, I implemented the algorithm following the slides to detect edges. All the kernels and threshold values I used are the same as those on the slides. As for my code, the xygenerator is to generate x,y coordinates in order when given the kernel size. And the rest of them are basically my implementation of the algorithm.