# MAEG 5720 Computer Vision in Practice

# HW2

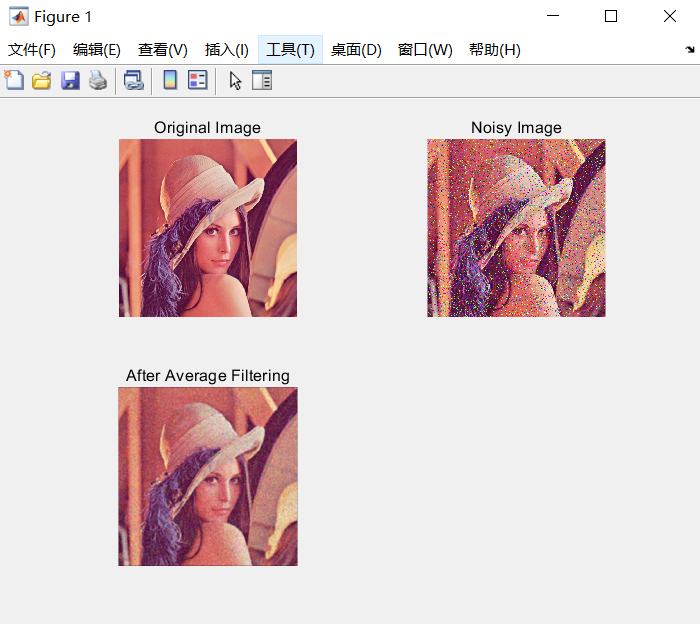
XIA, Lei 1155169110

Dr. Terry Chang

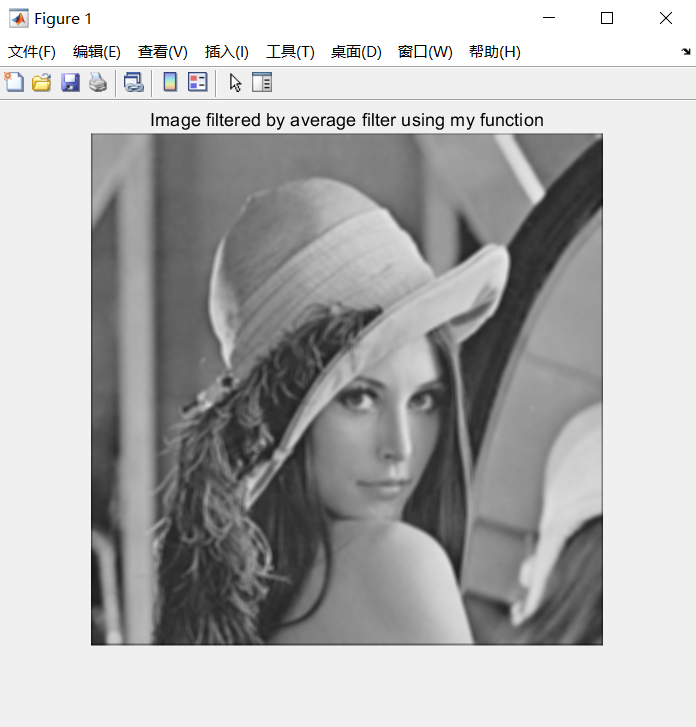
26 October 2021

## Problem (1)

### (a)

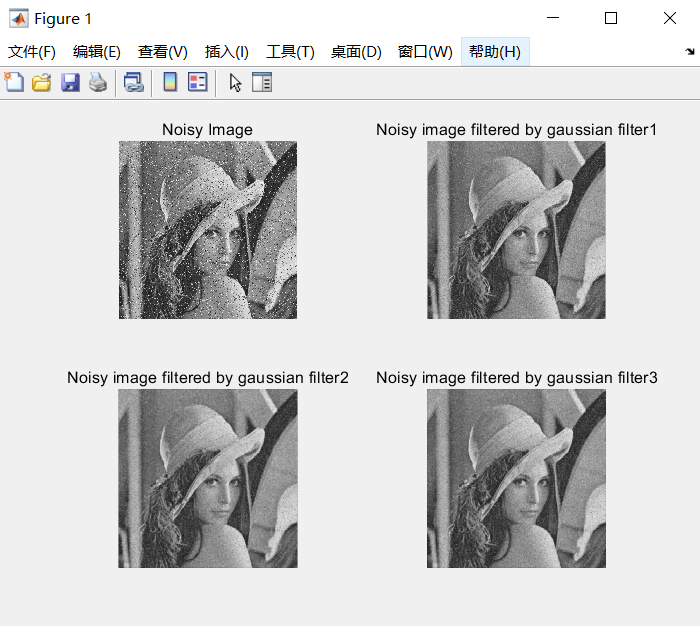


### (b)

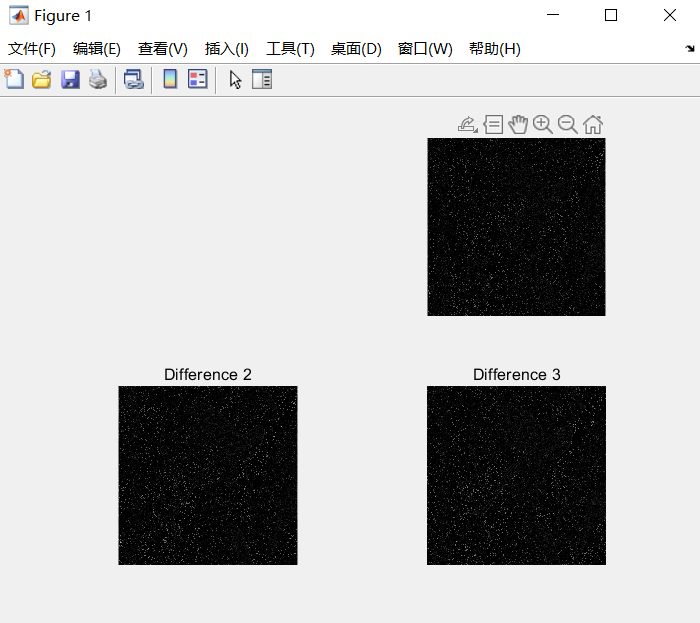


### (c)

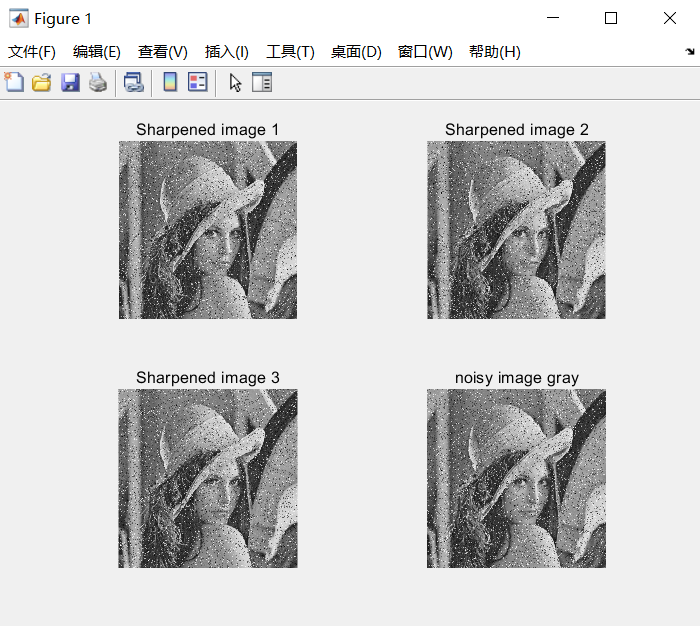
Comment: Larger kernel size can make images smoother.



### (d)

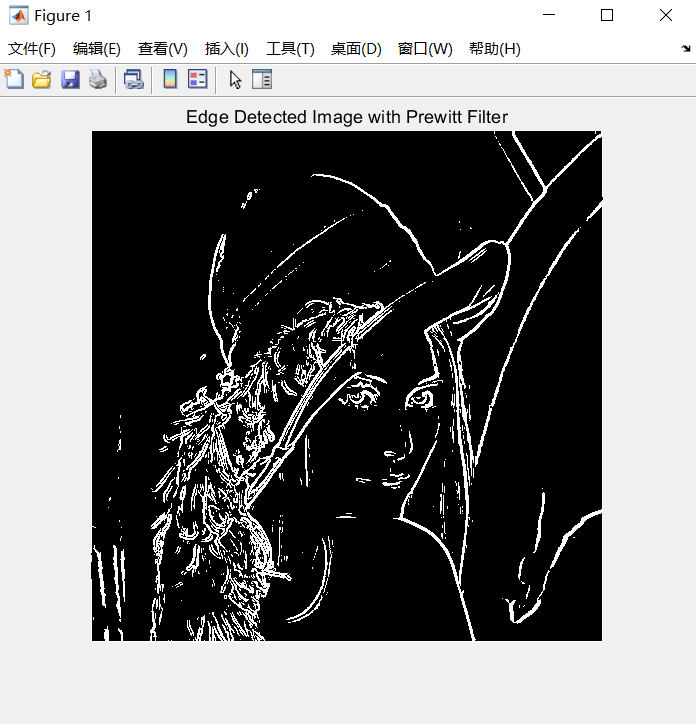


### (e)

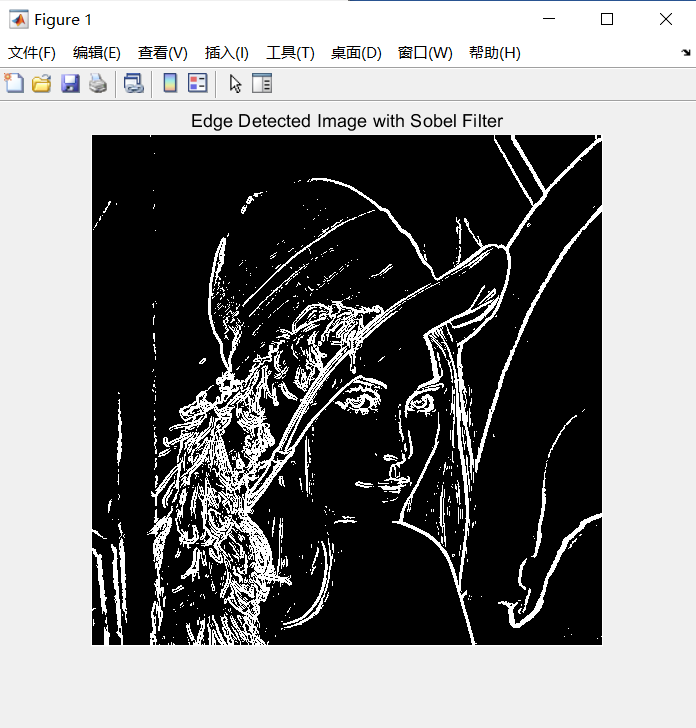


## Problem (2)

### (a)



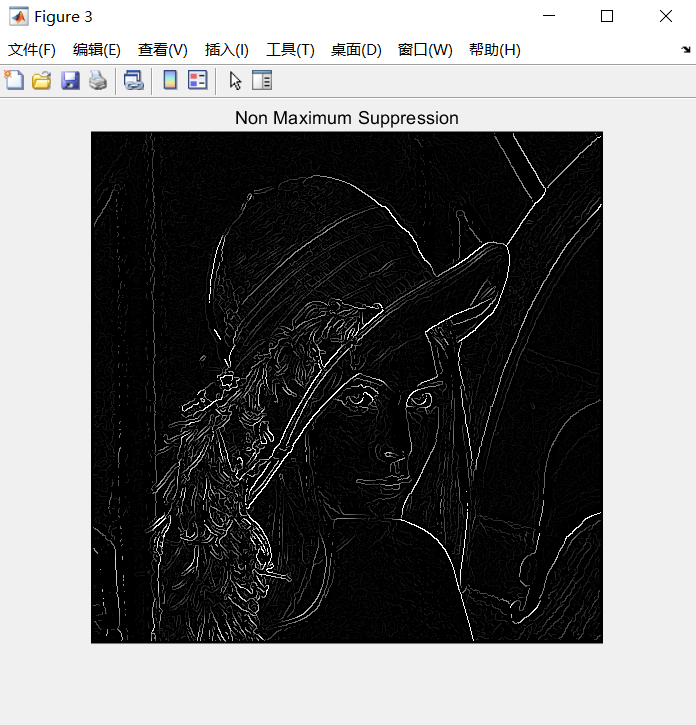
### (b)



## Problem (3)

### (f)

The following is the picture before double threshold, which is after the process of non-maximum suppression.



The following picture shows the final result of canny edge detection.

