

# MAEG 5720 Computer Vision in Practice

## HW2

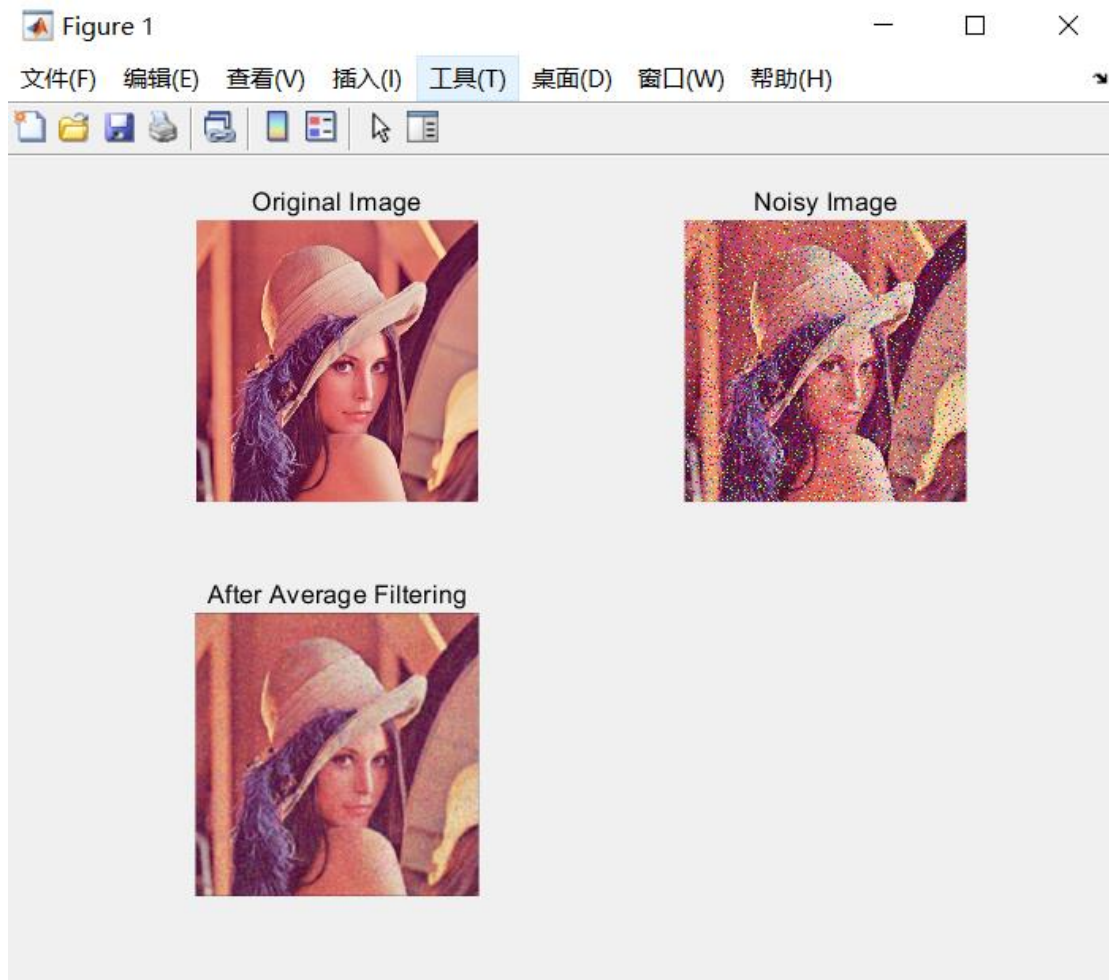
XIA, Lei 1155169110

Dr. Terry Chang

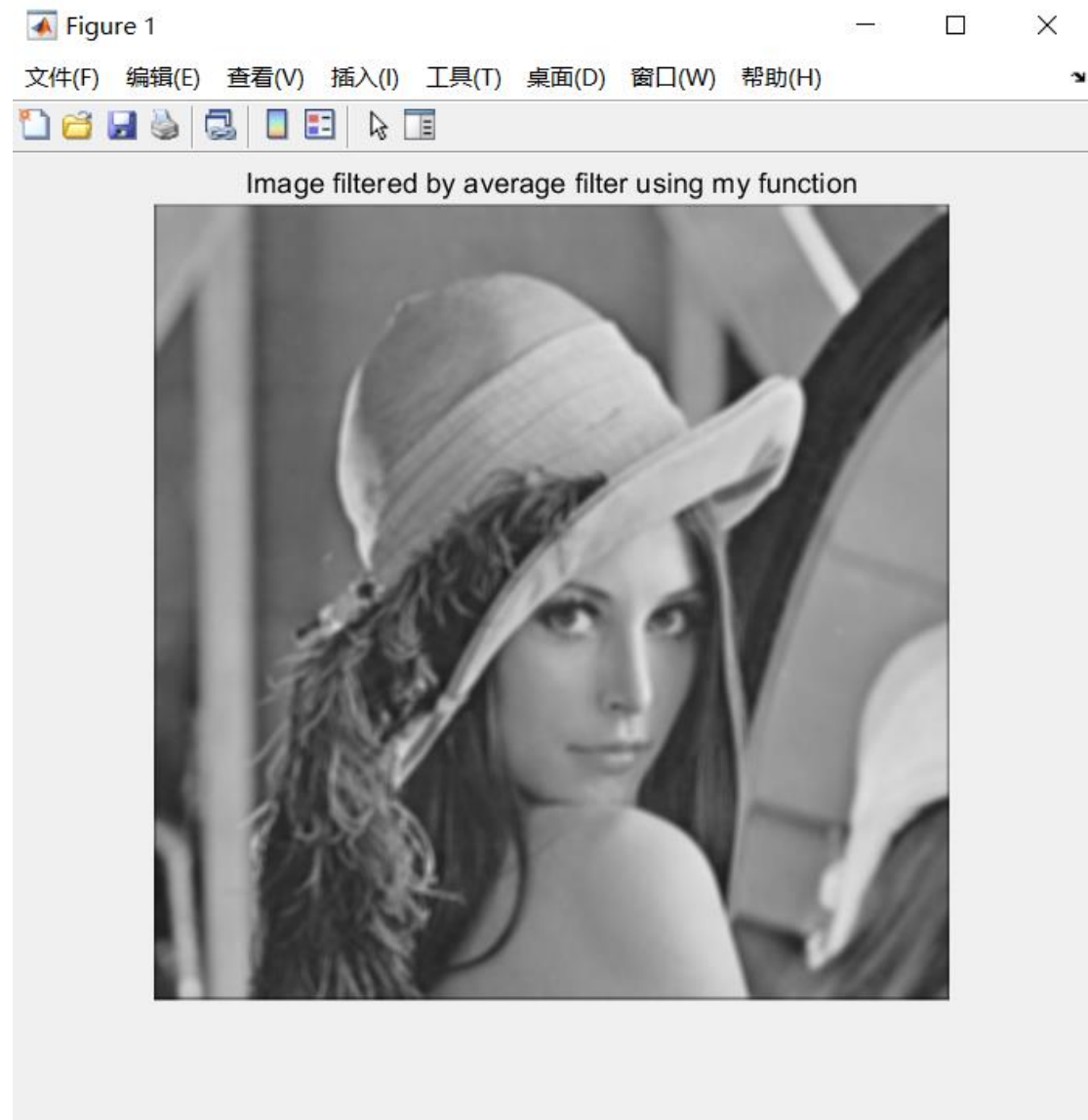
26 October 2021

### Problem (1)

(a)

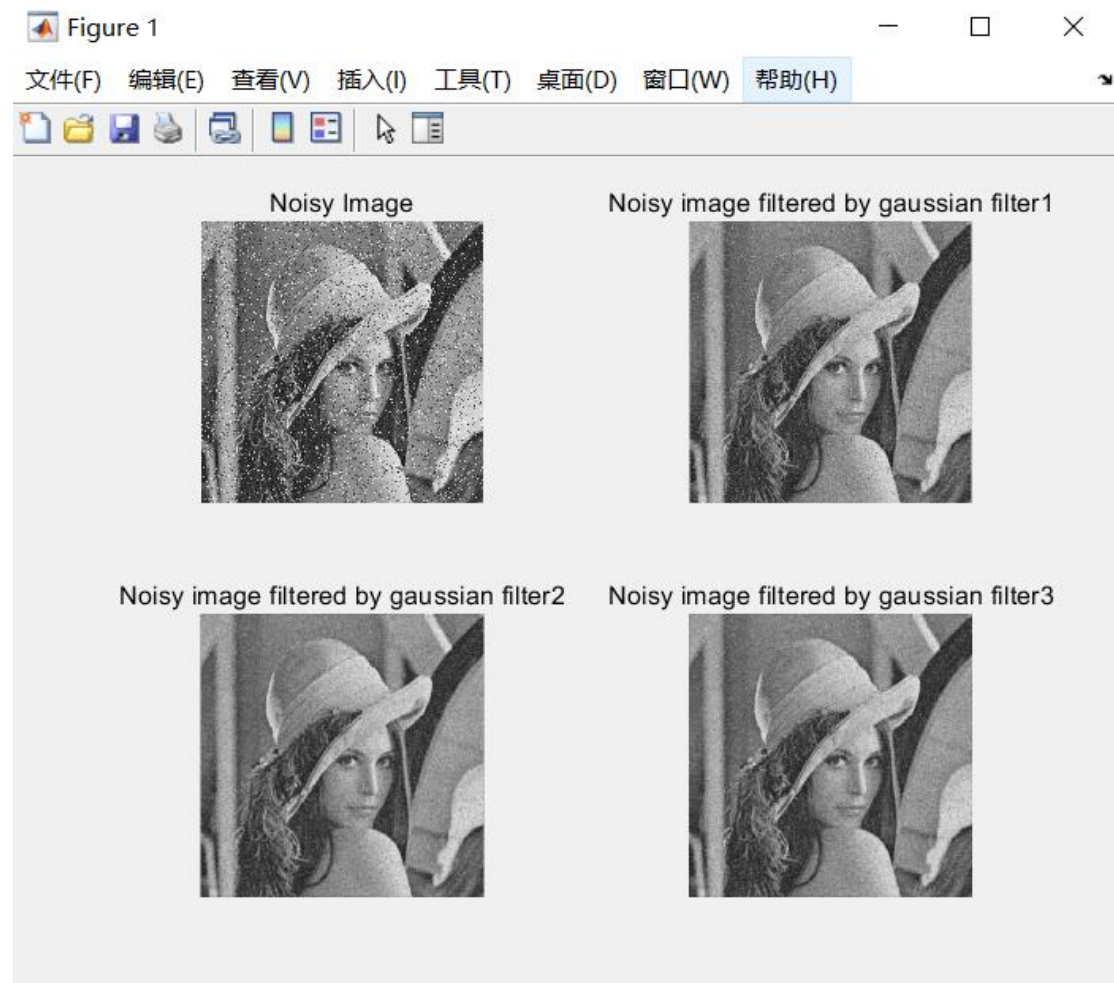


(b)

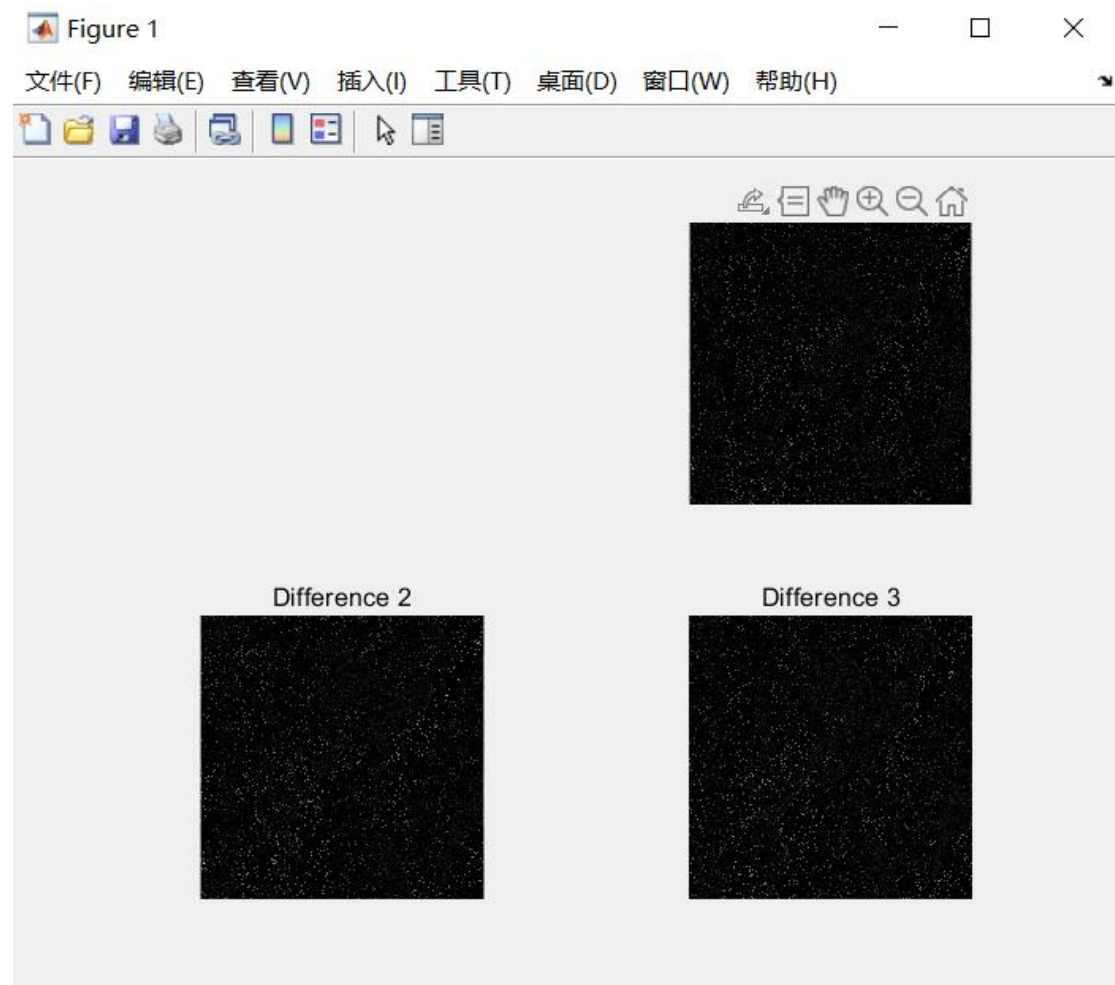


(c)

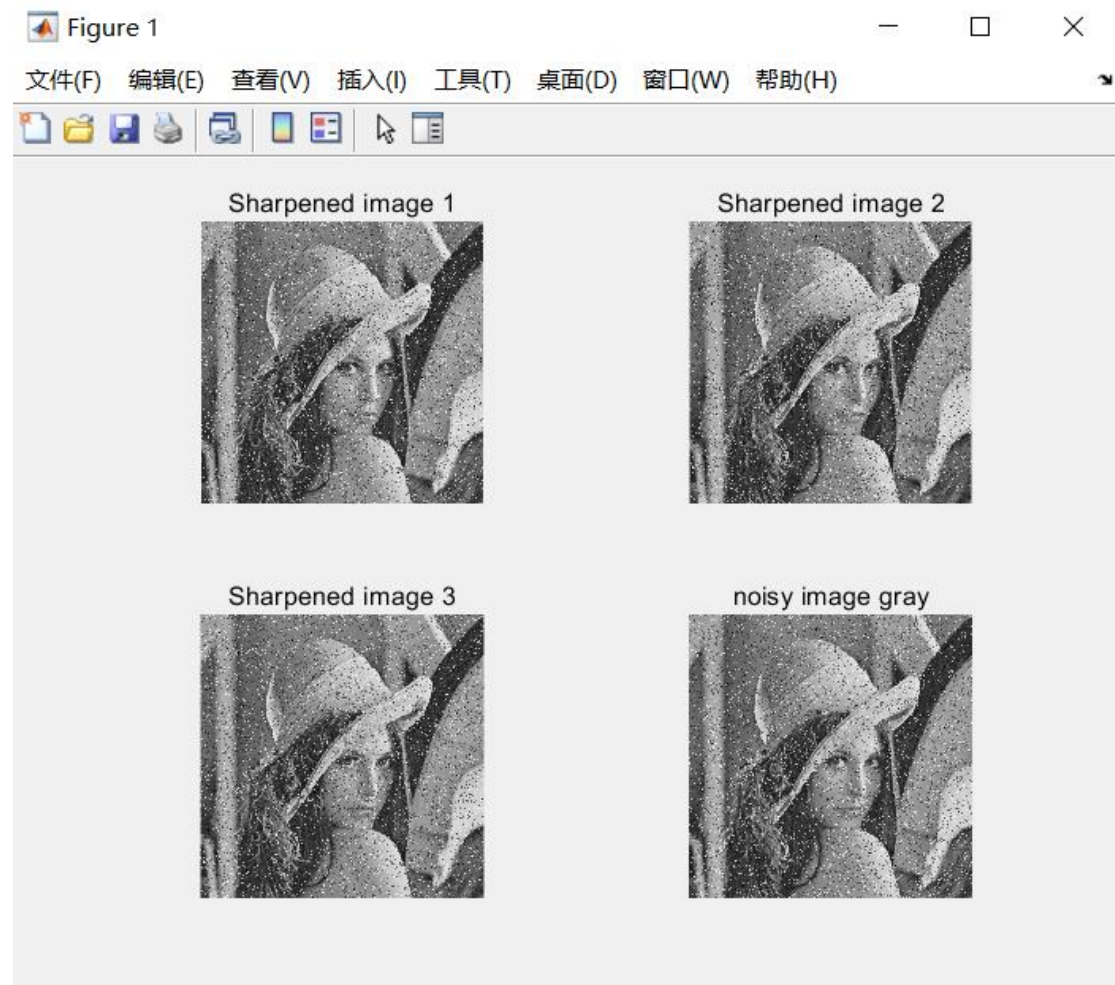
Comment: Larger kernel size can make images smoother.



(d)

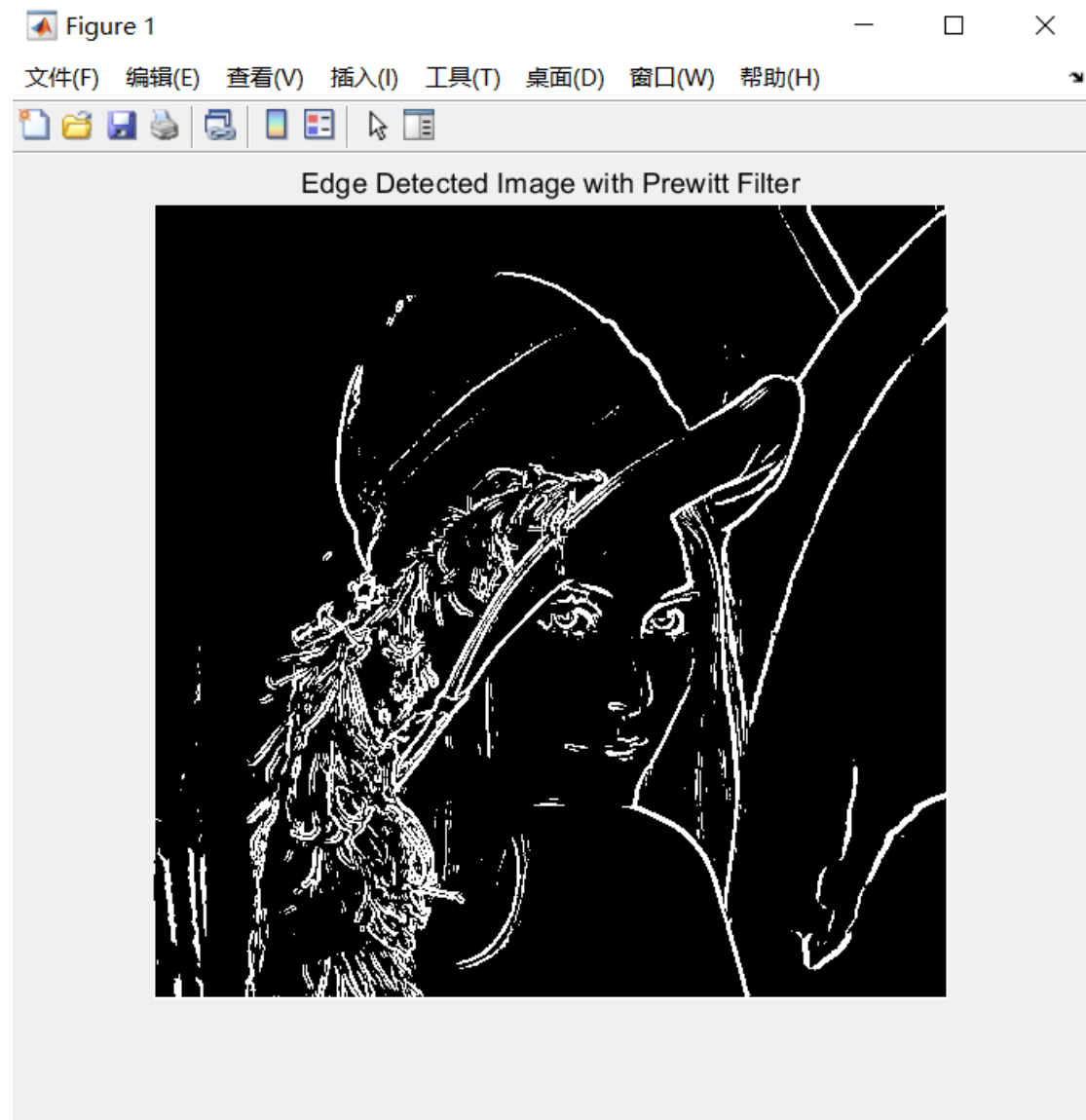


(e)

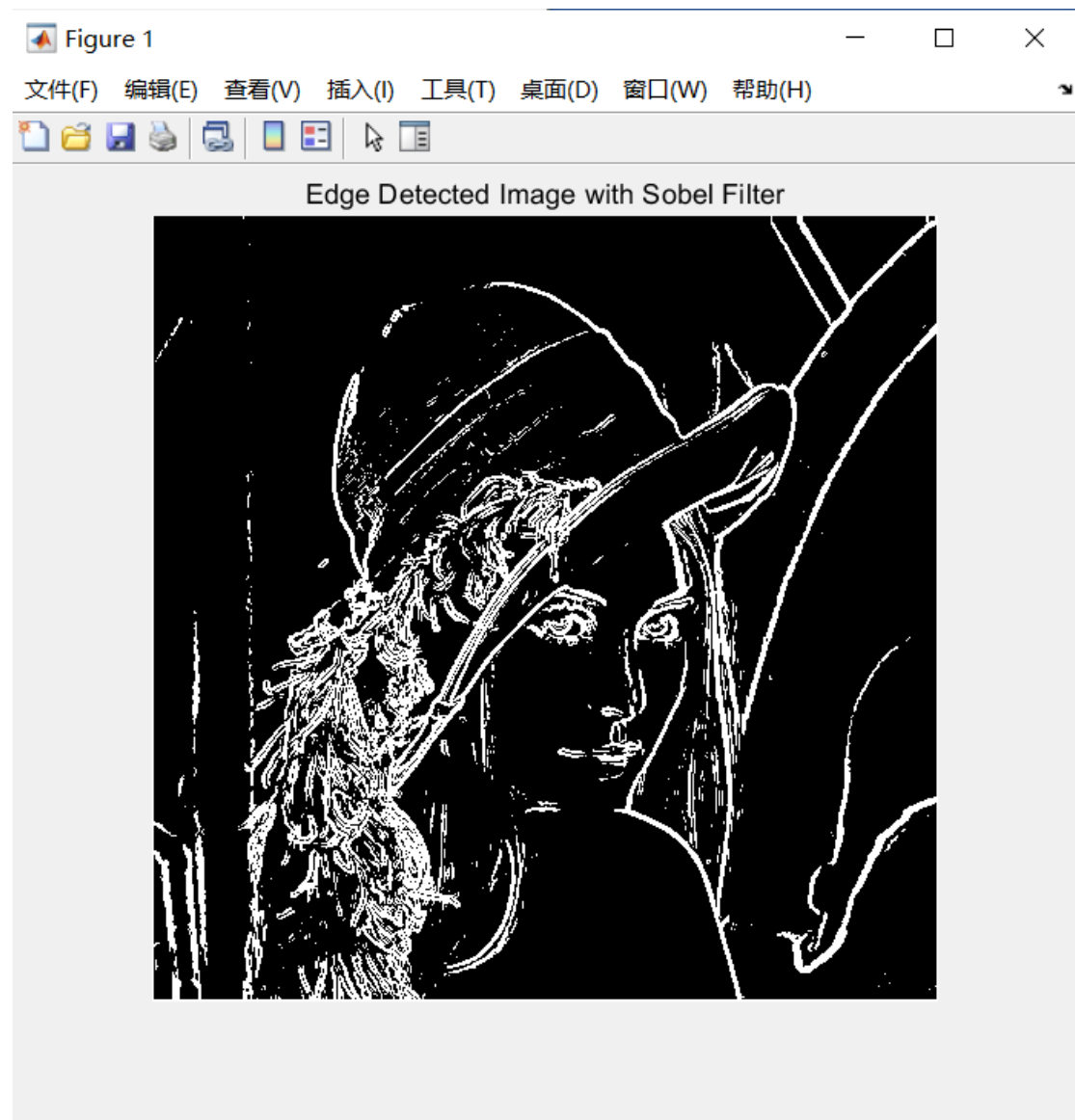


## Problem (2)

(a)



(b)

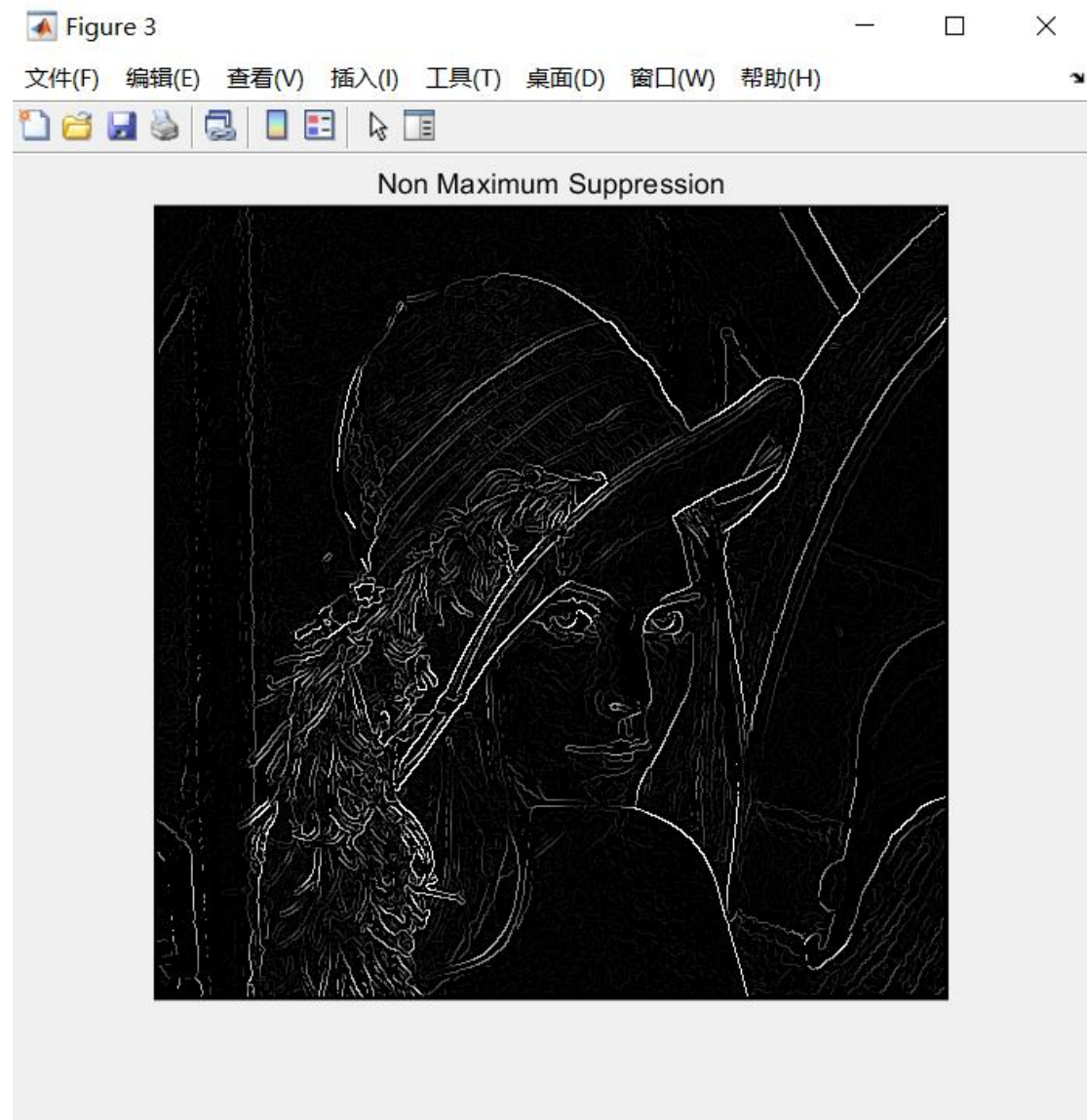




## Problem (3)

(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.

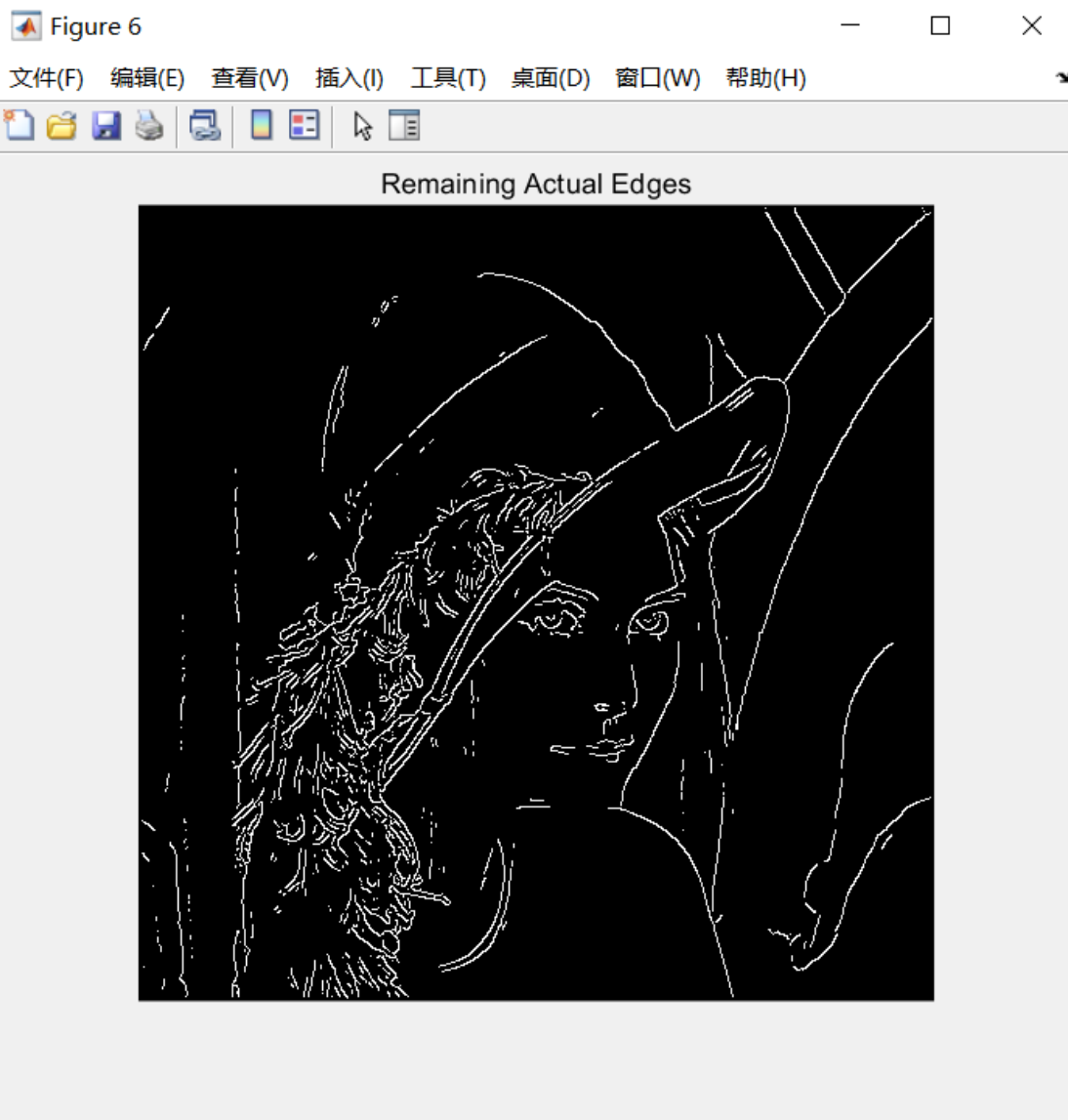


Figure 6

文件(F) 编辑(E) 查看(V) 插入(I) 工具(T) 桌面(D) 窗口(W) 帮助(H)



Remaining Actual Edges

