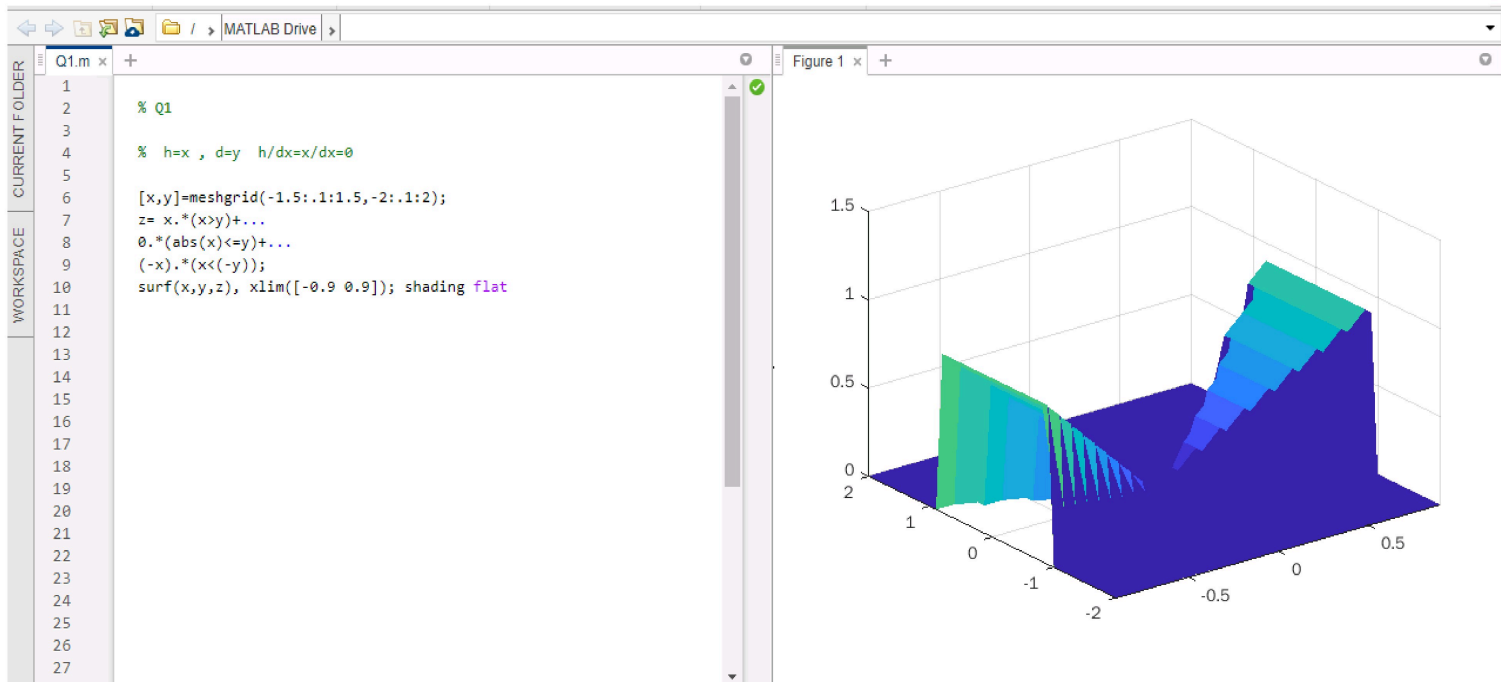
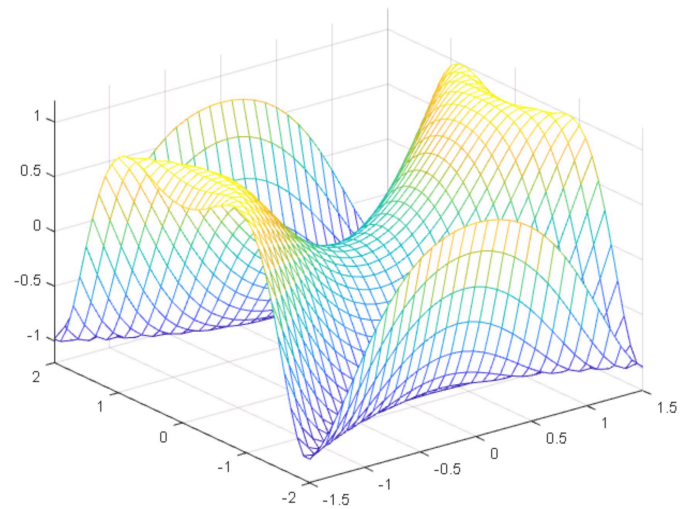


Q1

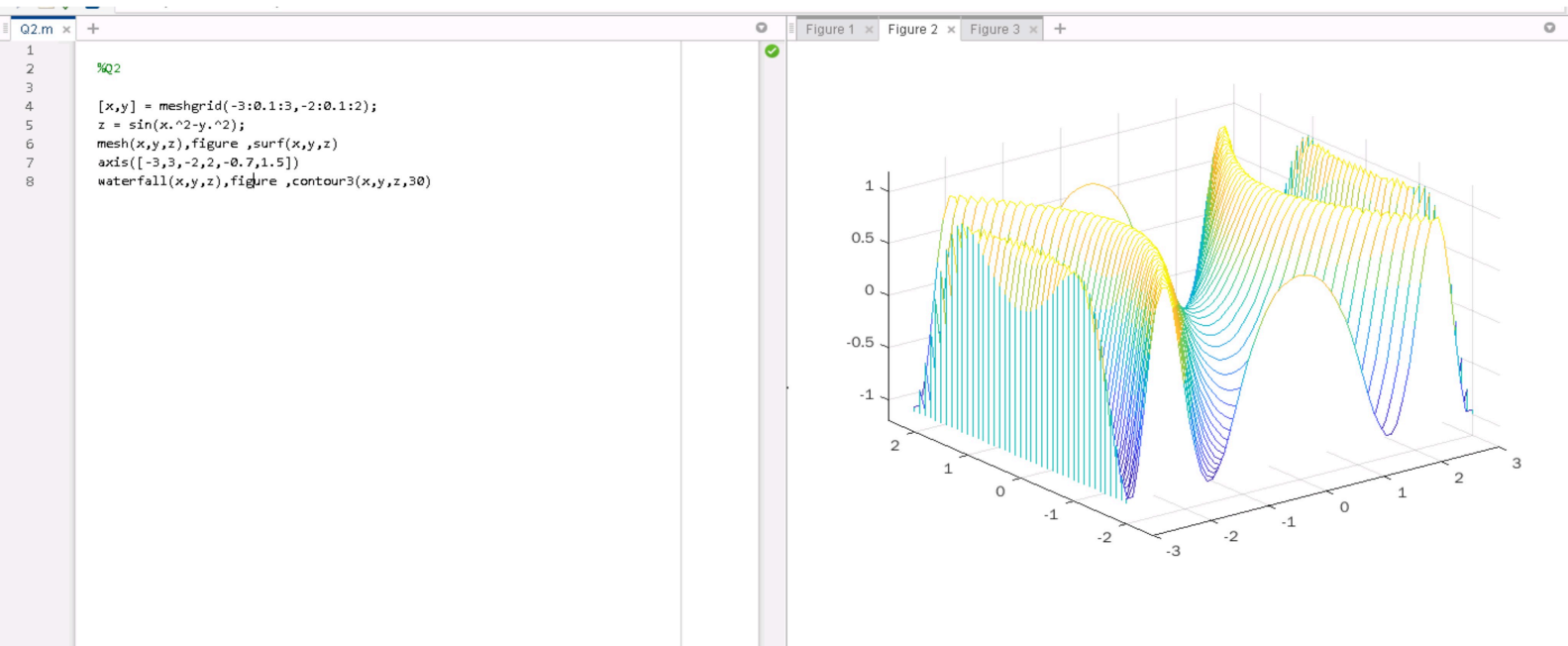


Q2 Figure 1

```
1  
2 %Q2  
3  
4 [x,y] = meshgrid(-3:0.1:3,-2:0.1:2);  
5 z = sin(x.^2-y.^2);  
6 mesh(x,y,z),figure ,surf(x,y,z)  
7 axis([-3,3,-2,2,-0.7,1.5])  
8 waterfall(x,y,z),figure ,contour3(x,y,z,30)
```

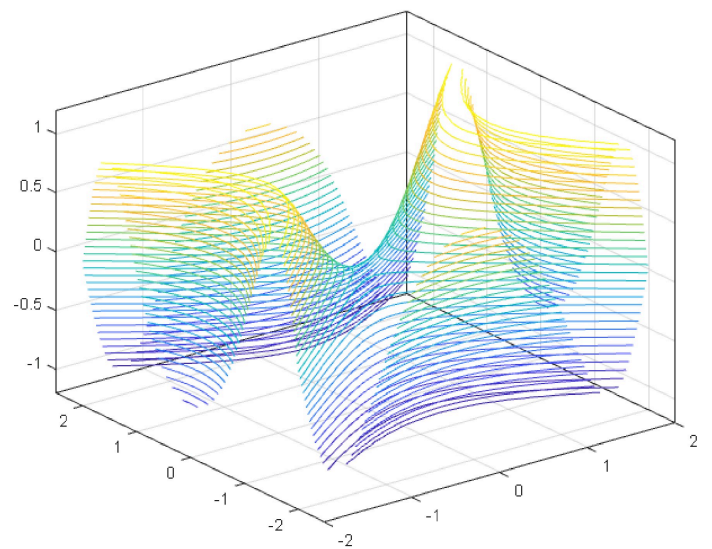


Q2 Figure 2

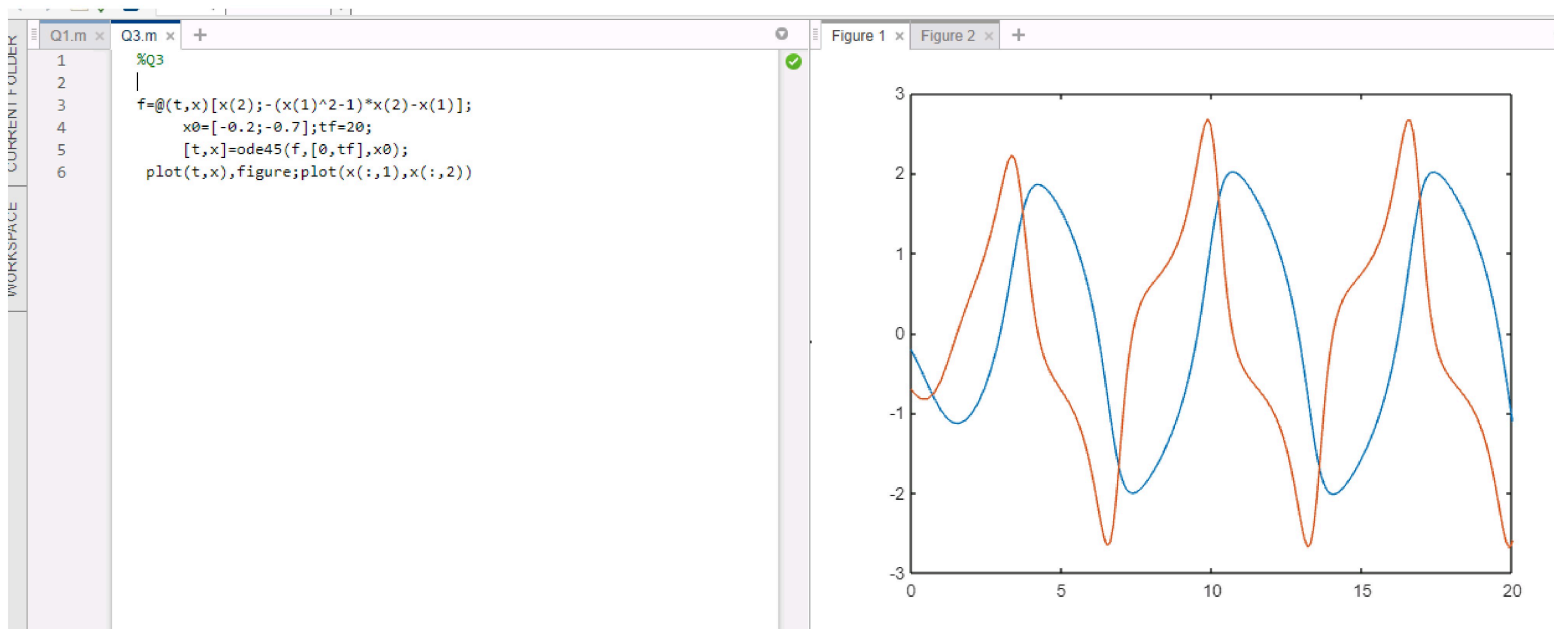


Q2 Figure 3

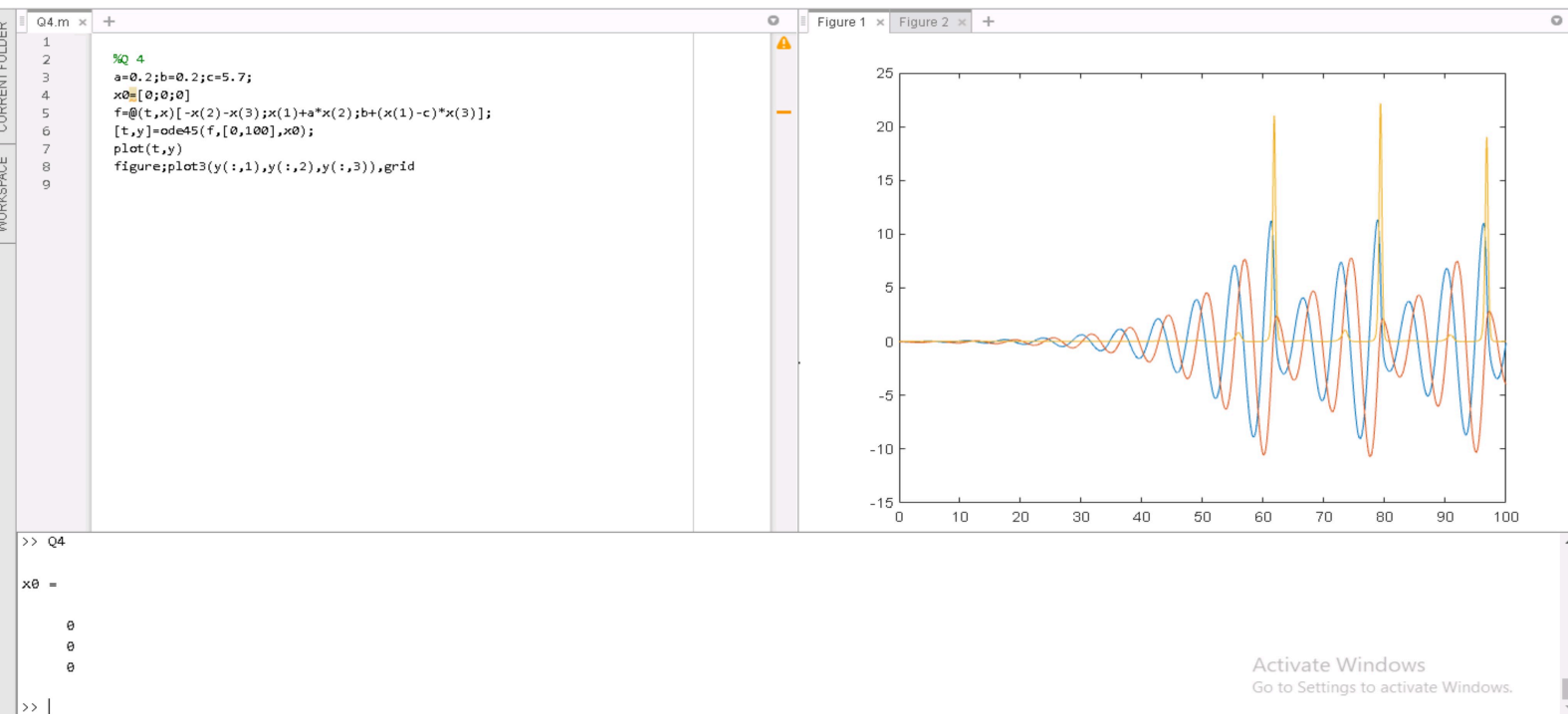
```
Q2.m x +
1
2 %Q2
3
4 [x,y] = meshgrid(-3:0.1:3,-2:0.1:2);
5 z = sin(x.^2-y.^2);
6 mesh(x,y,z),figure ,surf(x,y,z)
7 axis([-3,3,-2,2,-0.7,1.5])
8 waterfall(x,y,z),figure ,contour3(x,y,z,30)
```



Q3 Figure 1



Q4 Figure 1



Q4 Figure 2

