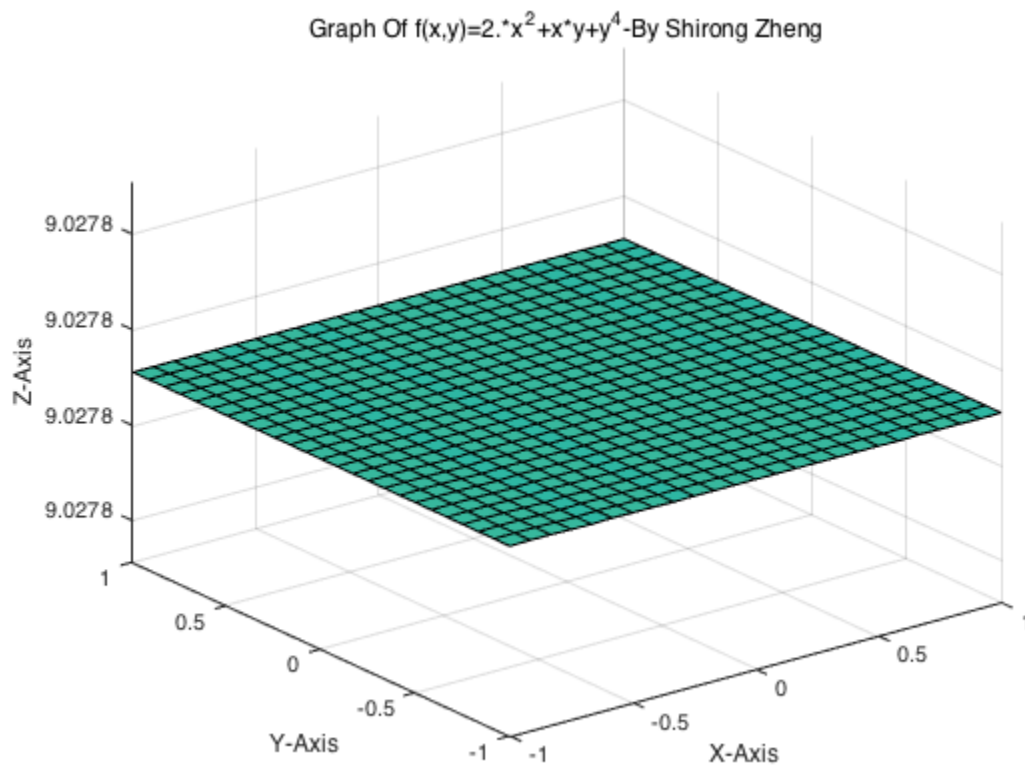

Shirong Zheng

Exercise 5.1

```
x=linspace(-1,1,25);  
y=linspace(-1,1,25);  
[x, y]=meshgrid(x,y);  
z=2.*x^2+x*y+y^4;  
[C, H]=contour(x,y,z);  
clabel(C,H,-1:1:25);  
surf(x,y,z);  
hold on;  
  
xlabel('X-Axis');  
ylabel('Y-Axis');  
zlabel('Z-Axis');  
title('Graph Of  $f(x,y)=2 \cdot x^2+x \cdot y+y^4$ -By Shirong Zheng');
```



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