

```
clear;clc;clf
x=linspace(-2.5,2.4,60);
y=linspace(-3.0,3.0,60);
[xx,yy]=meshgrid(x,y);
zz=3*(xx.^2+3*yy.^2).*exp(-xx.^2-yy.^2);
figure(1)
surf(xx,yy,zz)
xlabel('x-axis');ylabel('y-axis');zlabel('z-axis')
title('ML Ch06 P02')
view(36.0,18)
saveas(gcf,'ML_1072_ch06_P01_a.jpg','jpg')
figure(2)
contourf(xx,yy,zz,6)
colormap('winter')
colorbar
xlabel('x-axis');ylabel('y-axis')
title('ML Ch06 contour')
saveas(gcf,'ML_1072_ch06_P01_b.png','png')
```