

伍胜健 第201页 例16.2.3

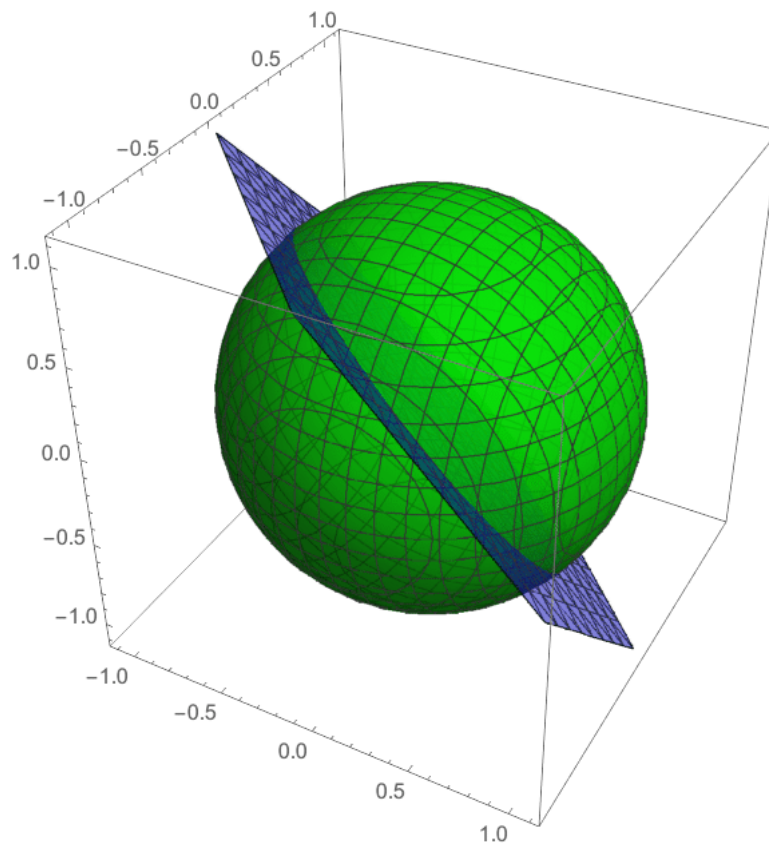
Show[ContourPlot3D[$x^2 + y^2 + z^2 = 1$, { x , -1.1, 1.1}, { y , -1.1, 1.1}, { z , -1.1, 1.1},

显示 **三维等高线**

ContourPlot3D[$x + y + z = 0$, { x , -1.1, 1.1}, { y , -1.1, 1.1}, { z , -1.1, 1.1}, ContourSty

三维等高线

等高线样式



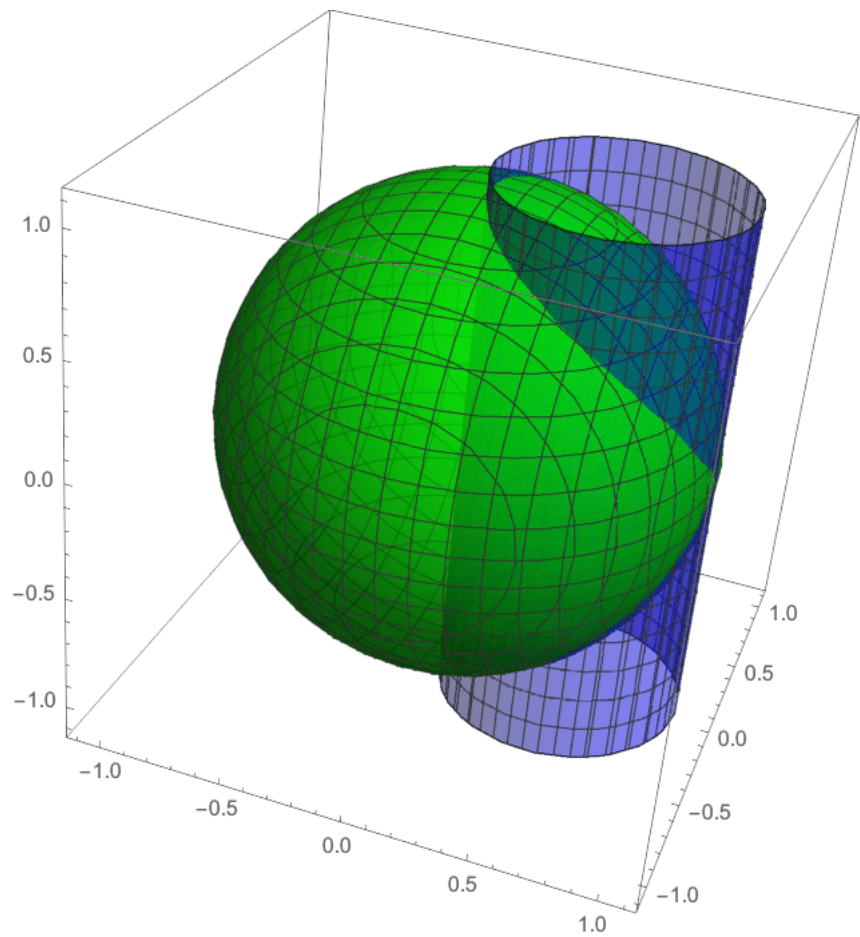
伍胜健 第205页 例16.3.2

Show[ContourPlot3D[$x^2 + y^2 + z^2 = 1$, { x , -1.1, 1.1}, { y , -1.1, 1.1}, { z , -1.1, 1.1},

显示 **三维等高线**

ContourPlot3D[($x - 1/2$)^2 + $y^2 = 1/4$, { x , -1.1, 1.1}, { y , -1.1, 1.1}, { z , -1.1, 1.1

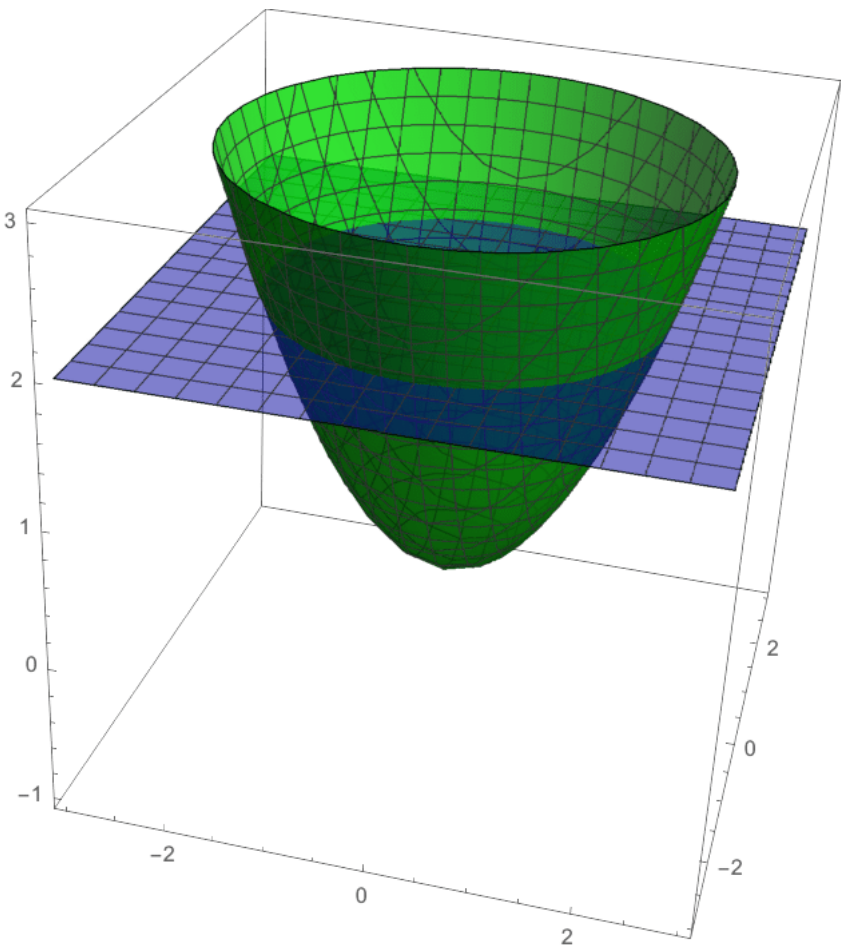
三维等高线



讲义 第二题

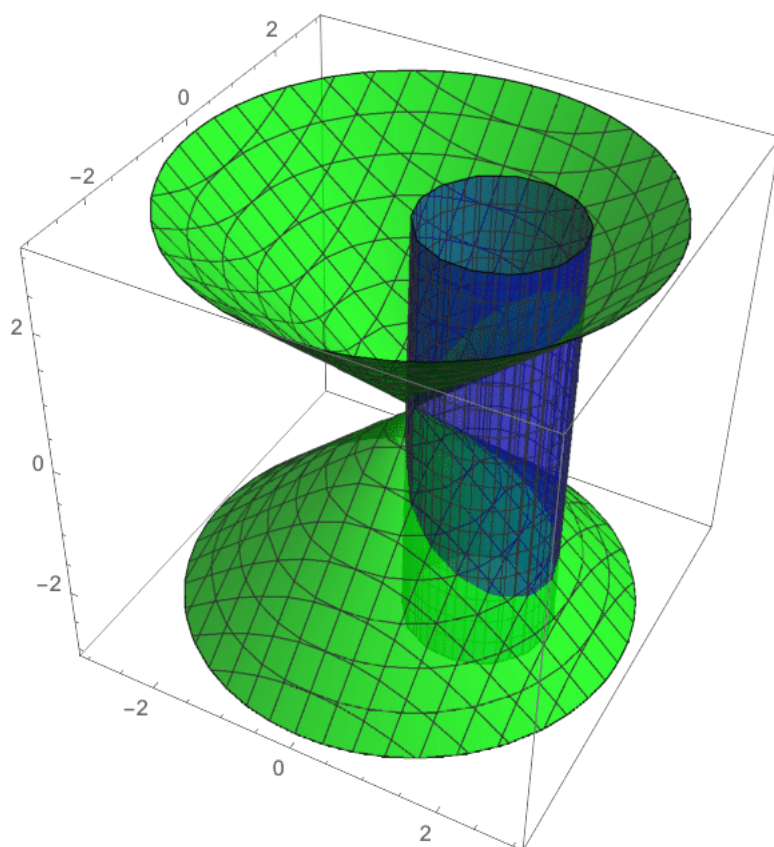
```
Show[ContourPlot3D[x^2 + y^2 - 2 z == 0, {x, -3, 3}, {y, -3, 3}, {z, -1, 3}, ContourStyle -> {Blue, Green}]]
```

显示 三维等高线 等高线样式



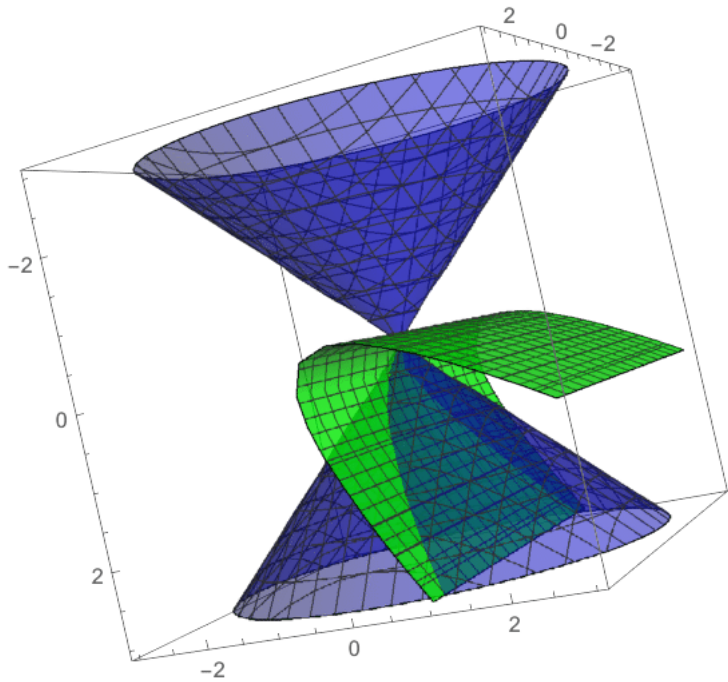
讲义 第四题

Show[ContourPlot3D[x^2 + y^2 == z^2, {x, -3, 3}, {y, -3, 3}, {z, -3, 3}, ContourStyle →
 [显示] [三维等高线] [等高线样式]
ContourPlot3D[x^2 + y^2 - 2 x == 0, {x, -3, 3}, {y, -3, 3}, {z, -3, 3}, ContourStyle → {l
 [三维等高线] [等高线样式]



谢惠民 311页 例24.1.2

Show[ContourPlot3D[(x - y)^2 == (x + y), {x, -3, 3}, {y, -3, 3}, {z, -3, 3}, ContourStyle1
 [显示] [三维等高线] [等高线样式]
ContourPlot3D[x^2 - y^2 == 9 / 8 * z^2, {x, -3, 3}, {y, -3, 3}, {z, -3, 3}, ContourStyle
 [三维等高线] [等高线样式]



画出 $|x|+|y|+|z|=1$ 的图像

```
Show[ContourPlot3D[Abs[x] + Abs[y] + Abs[z] == 1, {x, -1.1, 1.1}, {y, -1.1, 1.1}, {z, -1.1, 1.1},  
|显示 |三维等高线 |绝对值 |绝对值 |绝对值
```

