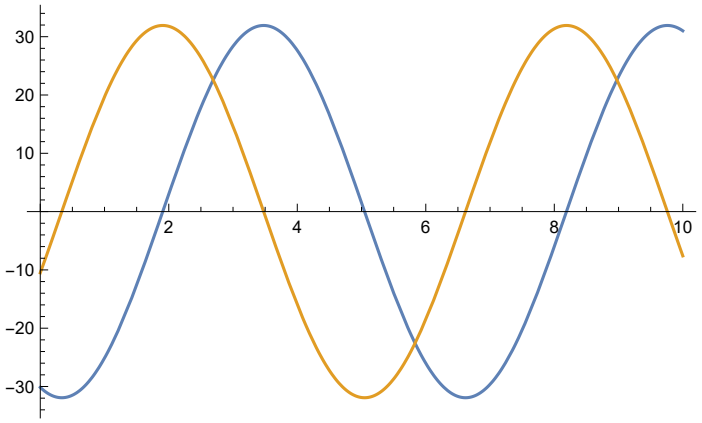
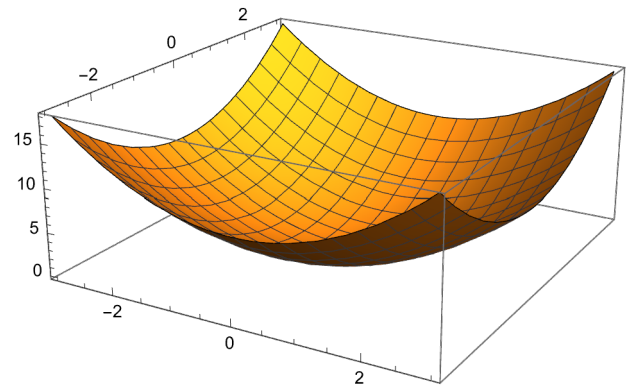
In[ ]:=
```
sol = NDSolveValue[{y''[t] + y[t] == 0, y[2] == 3, y[8] == -6}, {y[t], y'[t]}, {t, 0, 10}];
```
数值解的值
```
Plot[sol, {t, 0, 10}]
```
绘图

Out[ ]=



In[ ]:=
```
Plot3D[x^2 + y^2, {x, -3, 3}, {y, -3, 3}]
```
绘制三维图形

Out[ ]=



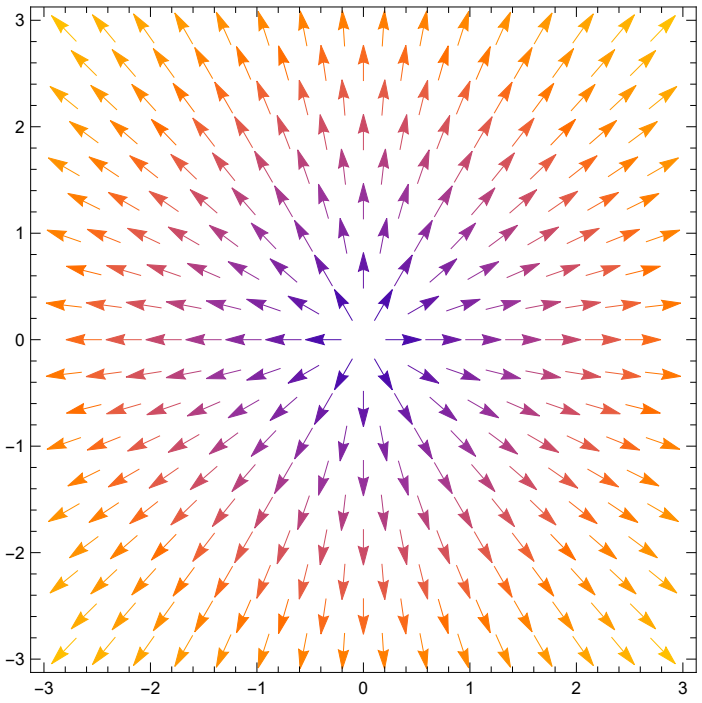
In[ ]:=
```
Grad[x^2 + y^2, {x, y}]
```
梯度

Out[ ]=

$$\{2\,x,\ 2\,y\}$$

In[ ]:=
```
VectorPlot[{2 x, 2 y}, {x, -3, 3}, {y, -3, 3}]
```
向量图

Out[ ]=



In[ ]:=
```
Div[{2 x, 2 y}, {x, y}]
```
散度

Out[ ]=

```
4
```

In[ ]:=
```
Curl[{2 x, 2 y}, {x, y}]
```
旋度

Out[ ]=

```
0
```

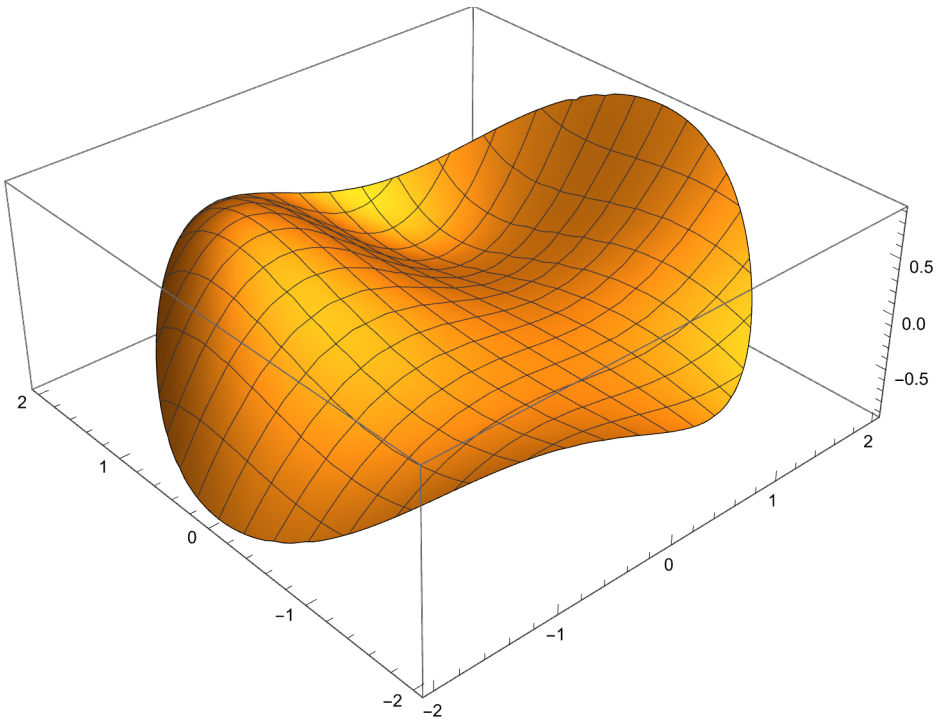
In[ ]:=
```
Laplacian[x^2 + y^2, {x, y}]
```
拉普拉斯算子

Out[ ]=

```
4
```

In[ ]:=
```
sol1 = NDSolveValue[
```
数值解的值
```
  {∇²{x,y} f[x, y] + f[x, y] == x E^y, DirichletCondition[f[x, y] == Sin[x] Cos[y], True]},
```
狄里克雷条件 正弦 余弦 真
```
  f[x, y], {x, y} ∈ Disk[{0, 0}, 2]];
```
圆盘
```
Plot3D[sol1, {x, -2., 2.}, {y, -2., 2.}]
```
绘制三维图形

Out[ ]=



In[ ]:=
```
Plot3D[x E^y, {x, -2., 2.}, {y, -2., 2.}]
```
绘制三维图形

Out[ ]=