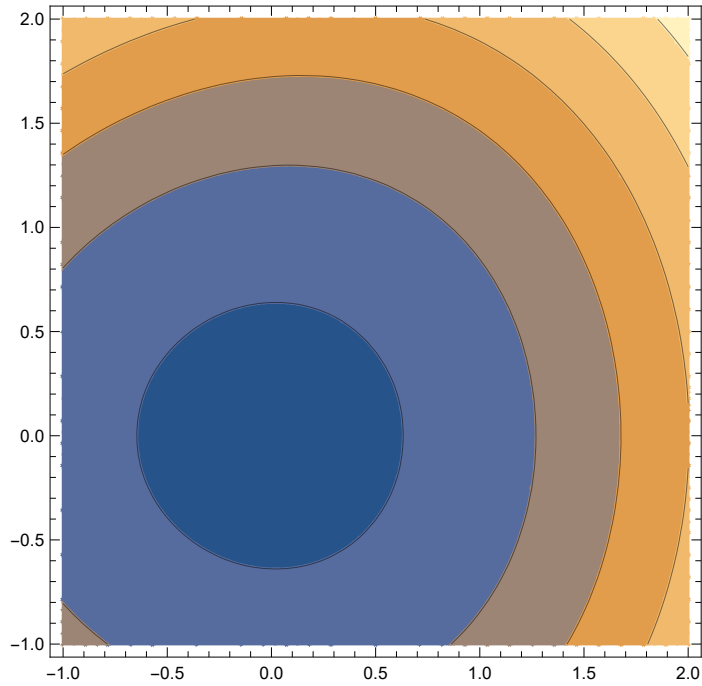


# ContourPlot

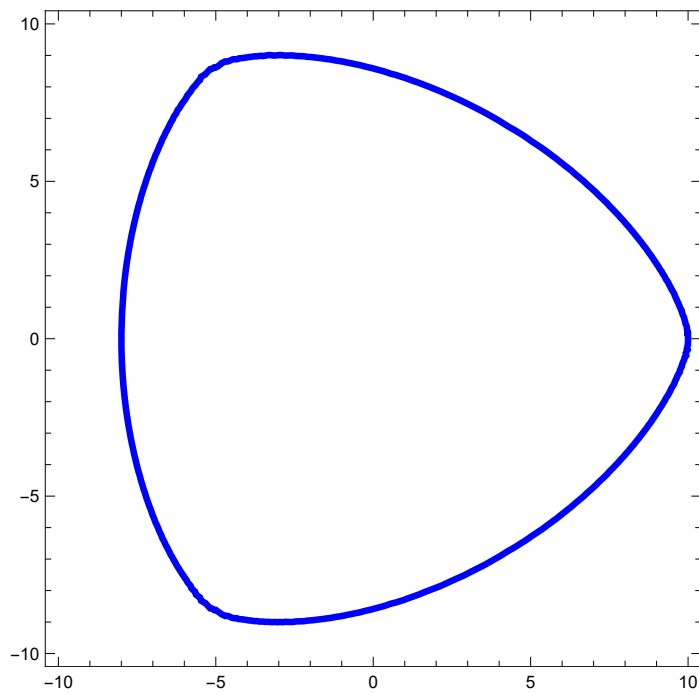
```
In[ ]:= F[x_, y_] := (x^2 + y^2)^4 - 45 (x^2 + y^2)^3 - 41283 (x^2 + y^2)^2 +  
7950960 (x^2 + y^2) + 16 (x^2 - 3 y^2)^3 + 48 (x^2 + y^2) (x^2 - 3 y^2)^2 -  
720^3 + (x^2 - 3 y^2) x (16 (x^2 + y^2)^2 - 5544 (x^2 + y^2) + 266382);  
ContourPlot[F[x, y], {x, -1, 2}, {y, -1, 2}]  
|绘制等高线
```

Out[ ]:=



```
In[ ]:= ContourPlot[F[x, y] == 0, {x, -10, 10},
  绘制等高线
  {y, -10, 10}, ContourStyle -> {Blue, Thickness[0.01]}]
  等高线样式 蓝色 粗细
```

Out[ ]:=



```
In[ ]:= ContourPlot[x^y == y^x, {x, 0, 10}, {y, 0, 10}]
  绘制等高线
```

Out[ ]:=

