(调试) In[ ]:=

```
DSolve[{(y^,,)[x] + 2 (y^,)[x] - 3 y[x] == 134 e^x, y[0] == 134, (y^,)[0] == 134^2}, y, x]
```

求解微分方程

(调试) In[ ]:=

$$\text{DSolve}\left[\left\{-3\,y[x]+2\,y'[x]+y''[x]==134\,e^{x},\ y[0]==134,\ y'[0]==17\,956\right\},\ y,\ x\right]$$

求解微分方程

(调试) In[ ]:=

```
DSolve[{(y'')[x] + 2 (y')[x] - 3 y[x] == 134 e^x, y[0] == 134, (y')[0] == 134^2}, y, x]
```

求解微分方程

(调试) In[ ]:=

```
DSolve[{(y^,,)[x] + 2 (y^,)[x] - 3 y[x] == 134 e^x, y[0] == 134, (y^,)[0] == 134^2}, y, x] //
```

求解微分方程

```
  Hold // FullForm
```

保持　完全格式

(调试) In[ ]:=

```
DSolve[{(y'')[x] + 2 (y')[x] - 3 y[x] == 134 e^x, y[0] == 134, (y')[0] == 134^2}, y, x] //
```

求解微分方程

```
  Hold // FullForm
```

保持　完全格式

(调试) In[ ]:=

```
y^2 // FullForm
```

完全格式

(调试) In[ ]:=

```
y'' // FullForm
```

完全格式

(调试) In[ ]:=

```
y'' // FullForm
```

完全格式

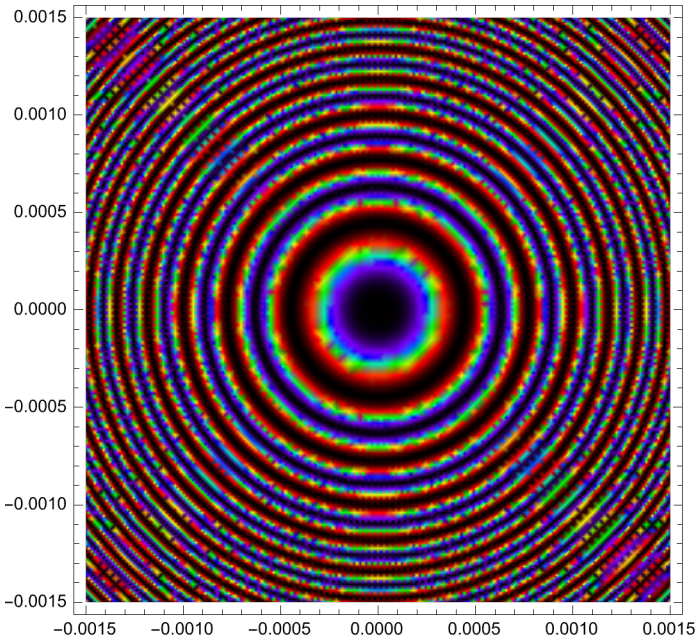
(调试) In[ ]:=

$$\text{DensityPlot}\left[10\,\text{Cos}[x]^{20},\ \{x,\ -1,\ 1\},\ \{y,\ -x,\ x\}\right]$$

密度图

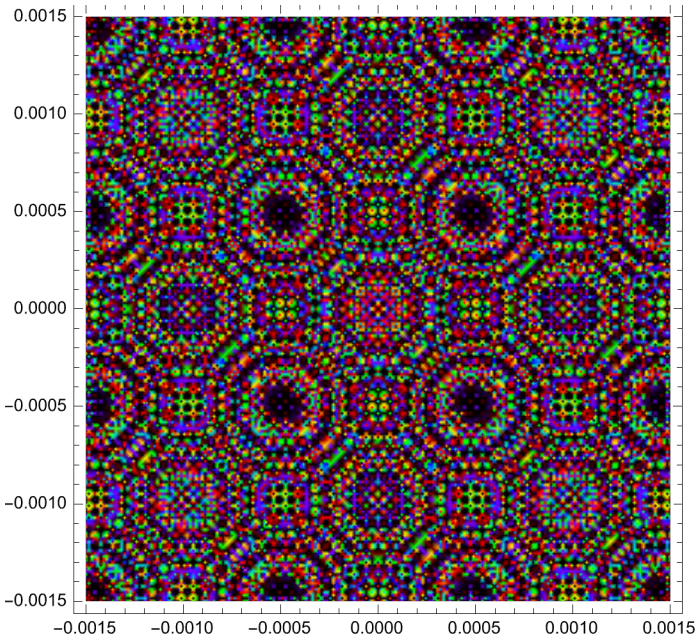
In[ ]:=
```
d[l_] := (f[x_, y_] := 225 Cos[(π * (x^2 + y^2 + (l * 10^-9) / 2)) / (l * 10^-9)]^2;
                          余弦
DensityPlot[f[x, y], {x, -0.0015, 0.0015}, {y, -0.0015, 0.0015}, PlotPoints → 50,
密度图                                                          绘图点
  ColorFunction → (ColorData["VisibleSpectrum"][# (750 - 380) + 380] &)]
  颜色函数              颜色数据
d[400]
```

Out[ ]=



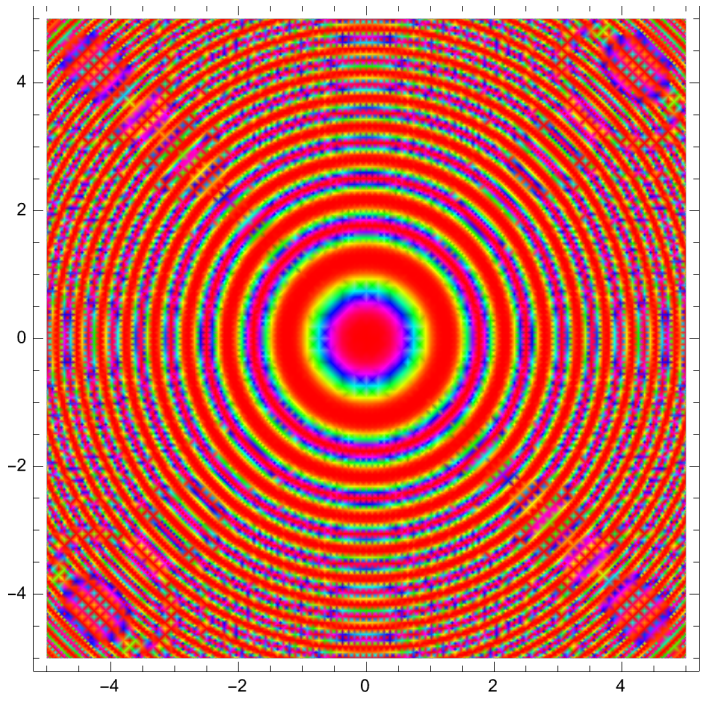
In[ ]:=
```
d[0.05]
```

Out[ ]=



In[ ]:=
```
DensityPlot[Cos[x^2 + y^2]^4, {x, -5, 5}, {y, -5, 5}, PlotPoints → 55, ColorFunction → Hue]
```
密度图 绘图点 颜色函数 色相

Out[ ]=



WAooo, Beautful

In[ ]:=
```
Manipulate[ParametricPlot[{ReIm[E^(I θ) (x + I x^2 + Complex @@ p)]}, {x, -3, 3}, PlotRange → 3],
 {θ, 0, 2 π}, {p, -2, 2, ControlType → Slider2D}]
```
交互式操作 绘制参数图 实部虚部列表 … 复数 绘制范围 控件类型 二维滑动条

Out[ ]=