

```

In[ ]:= Clear[f, x, y, a, b];
清除
x[a_, b_] := a * I + b;
虚数单位
f[z_, a_, b_] := (1 - 251 * x[a, b] / 720) * z^4 + (-1 - 646 * x[a, b] / 720) * z^3 +
(264 * x[a, b] / 720) * z^2 + (-106 * x[a, b] / 720) * z + (19 * x[a, b] / 720);

y[a_, b_] := NSolve[f[z, a, b] == 0, z];
数值求解
p = RegionPlot[Norm[y[a, b][[1, 1, 2]]] ≤ 1 && Norm[y[a, b][[2, 1, 2]]] ≤ 1 &&
绘制区域 模 模
Norm[y[a, b][[3, 1, 2]]] ≤ 1 && Norm[y[a, b][[4, 1, 2]]] ≤ 1,
模
{a, -2, 2}, {b, -2, 2}]
Rotate[
旋转
p,
3 Pi / 2]
圆周率

```

General: Further output of Part::partd will be suppressed during this calculation.