

GS 等高线图矩阵:

```
[[0.1322 0.3835 0.5974 0.7528 0.8344 0.8344 0.7528 0.5974 0.3835 0.1322]
 [0.0966 0.2802 0.4364 0.5499 0.6096 0.6096 0.5499 0.4364 0.2802 0.0966]
 [0.0704 0.2043 0.3182 0.4009 0.4445 0.4445 0.4009 0.3182 0.2043 0.0704]
 [0.0511 0.1484 0.2311 0.2912 0.3228 0.3228 0.2912 0.2311 0.1484 0.0511]
 [0.0369 0.107  0.1666 0.21  0.2328 0.2328 0.21  0.1666 0.107  0.0369]
 [0.0262 0.0761 0.1185 0.1493 0.1655 0.1655 0.1493 0.1185 0.0761 0.0262]
 [0.0181 0.0526 0.0819 0.1032 0.1144 0.1144 0.1032 0.0819 0.0526 0.0181]
 [0.0118 0.0343 0.0534 0.0673 0.0746 0.0746 0.0673 0.0534 0.0343 0.0118]
 [0.0067 0.0193 0.0301 0.0379 0.042  0.042  0.0379 0.0301 0.0193 0.0067]
 [0.0021 0.0062 0.0097 0.0122 0.0136 0.0136 0.0122 0.0097 0.0062 0.0021]]
```

Jacobi 模拟矩阵和迭代次数:

```
[[4.99999247 4.99999435 4.99999624]
 [4.99999812 5.          5.00000188]
 [5.00000376 5.00000565 5.00000753]]
```

迭代次数: 24

GS 不同尺寸网格下运行时间:

```
CPU Time 10*10: 0.03956329999999997 seconds , Number of iterations: 232
CPU Time 20*20: 0.43262310000000004 seconds , Number of iterations: 888
CPU Time 30*30: 2.0096694 seconds , Number of iterations: 1931
CPU Time 40*40: 6.041715799999999 seconds , Number of iterations: 3345
```