Данные, полученные с помощью данного кода (используются для построения графиков):

Количество генерируемых точек, входной параметр (n):

```
100, 600, 1100, 1600, 2100, 2600, 3100, 3600, 4100, 4600, 5100, 5600, 6100,
6600, 7100, 7600, 8100, 8600, 9100, 9600, 10100, 10600, 11100, 11600, 12100, 12600,
13100, 13600, 14100, 14600, 15100, 15600, 16100, 16600, 17100, 17600, 18100, 18600,
19100, 19600, 20100, 20600, 21100, 21600, 22100, 22600, 23100, 23600, 24100, 24600,
25100, 25600, 26100, 26600, 27100, 27600, 28100, 28600, 29100, 29600, 30100, 30600,
31100, 31600, 32100, 32600, 33100, 33600, 34100, 34600, 35100, 35600, 36100, 36600,
37100, 37600, 38100, 38600, 39100, 39600, 40100, 40600, 41100, 41600, 42100, 42600,
43100, 43600, 44100, 44600, 45100, 45600, 46100, 46600, 47100, 47600, 48100, 48600,
49100, 49600, 50100, 50600, 51100, 51600, 52100, 52600, 53100, 53600, 54100, 54600,
55100, 55600, 56100, 56600, 57100, 57600, 58100, 58600, 59100, 59600, 60100, 60600,
61100, 61600, 62100, 62600, 63100, 63600, 64100, 64600, 65100, 65600, 66100, 66600,
67100, 67600, 68100, 68600, 69100, 69600, 70100, 70600, 71100, 71600, 72100, 72600,
73100, 73600, 74100, 74600, 75100, 75600, 76100, 76600, 77100, 77600, 78100, 78600,
79100, 79600, 80100, 80600, 81100, 81600, 82100, 82600, 83100, 83600, 84100, 84600,
85100, 85600, 86100, 86600, 87100, 87600, 88100, 88600, 89100, 89600, 90100, 90600,
91100, 91600, 92100, 92600, 93100, 93600, 94100, 94600, 95100, 95600, 96100, 96600,
97100, 97600, 98100, 98600, 99100, 99600
```

Вычисленные площади (s):

```
1.55554, 0.923603, 0.839639, 1.08159, 0.888881, 0.88621, 0.972214, 0.947908,
0.943759, 0.919376, 0.960776, 0.965269, 0.961057, 0.877938, 0.95989, 0.986285,
0.973414, 0.978996, 0.900633, 0.999557, 0.912533, 0.980468, 0.926668, 0.968861,
0.902311, 0.942121, 0.940301, 0.94076, 0.913605, 0.957564, 0.95161, 0.923603,
0.963156, 0.914818, 0.981879, 0.910898, 0.972214, 0.962805, 0.942182, 0.983622,
0.984789, 0.931154, 0.923373, 0.924053, 0.936141, 0.935218, 0.902349, 0.928134,
0.983509, 0.931112, 0.917599, 0.987784, 0.942786, 0.963442, 0.952482, 0.958124,
0.960796, 0.915784, 0.921765, 0.963017, 0.931839, 0.932181, 0.944704, 0.959599,
0.92436, 0.917937, 0.95694, 0.928233, 0.952256, 0.953668, 0.935929, 0.944358,
0.940435, 0.976729, 0.966186, 0.957475, 0.924751, 0.949797, 0.970224, 0.945699,
0.951848, 0.962156, 0.928216, 0.945104, 0.96136, 0.952587, 0.932964, 0.948577,
0.924815, 0.932758, 0.957555, 0.942578, 0.95471, 0.943005, 0.947031, 0.949951,
0.969182, 0.942607, 0.962115, 0.958885, 0.969885, 0.958956, 0.937777, 0.926052,
0.928548, 0.938759, 0.959763, 0.944462, 0.944, 0.931794, 0.93816, 0.935668, 0.935994,
0.952975, 0.954847, 0.952466, 0.944101, 0.937207, 0.950499, 0.94432, 0.949405,
0.943657, 0.946436, 0.936703, 0.949513, 0.951092, 0.950335, 0.932622, 0.936874,
0.947081, 0.946228, 0.964803, 0.950593, 0.954404, 0.946423, 0.967036, 0.940235,
0.93239, 0.948858, 0.961458, 0.955987, 0.936961, 0.937755, 0.937724, 0.947942,
0.939003, 0.951333, 0.948569, 0.953452, 0.961788, 0.932341, 0.956396, 0.951134,
0.940356, 0.958721, 0.948284, 0.953043, 0.949578, 0.95771, 0.937038, 0.943448,
0.941817, 0.942484, 0.938258, 0.950543, 0.95138, 0.935829, 0.960933, 0.97152, 0.949,
0.954849, 0.944387, 0.938677, 0.94875, 0.946653, 0.935922, 0.934031, 0.947305,
0.944935, 0.958542, 0.928081, 0.948284, 0.931554, 0.941222, 0.96018, 0.945231,
0.942974, 0.928485, 0.953617, 0.935113, 0.925801, 0.947705, 0.946517, 0.946852,
0.941475, 0.940437, 0.950014, 0.933858, 0.956419, 0.946444
```

Отклонения вычисленных от точных значений площадей в % (diff):

```
64.6917, 2.21428, 11.1039, 14.5122, 5.89044, 6.17322, 2.93234, 0.359027,
0.0803185, 2.66181, 1.72137, 2.1971, 1.75114, 7.04898, 1.62756, 4.42215, 3.05941,
3.65047, 4.6462, 5.82731, 3.38628, 3.80629, 1.88972, 2.5774, 4.46858, 0.253666,
0.44636, 0.397829, 3.27281, 1.3813, 0.750988, 2.21428, 1.97334, 3.14439, 3.95564,
3.55942, 2.93234, 1.93622, 0.24725, 4.14021, 4.2638, 1.41481, 2.23867, 2.16663,
0.886874, 0.984559, 4.46453, 1.73451, 4.12823, 1.41928, 2.84992, 4.58086, 0.183241,
```

2.00362, 0.843303, 1.44056, 1.72352, 3.04206, 2.40883, 1.95865, 1.34226, 1.30606,
0.0197803, 1.59682, 2.13412, 2.81419, 1.31527, 1.72413, 0.819355, 0.968886, 0.909299,
0.0168497, 0.432212, 3.41044, 2.29421, 1.37192, 2.09271, 0.559025, 2.72173, 0.12509,
0.776147, 1.86752, 1.72592, 0.0621066, 1.78321, 0.854358, 1.22317, 0.429852, 2.08591,
1.24496, 1.38036, 0.205295, 1.07911, 0.160053, 0.266147, 0.575271, 2.61134, 0.20223,
1.86318, 1.52117, 2.68579, 1.52871, 0.713605, 1.95496, 1.69073, 0.609633, 1.61418,
0.0058453, 0.0547954, 1.34709, 0.673099, 0.936884, 0.902399, 0.895512, 1.09361,
0.841522, 0.0440215, 0.773932, 0.633339, 0.0209248, 0.51745, 0.0910899, 0.203196,
0.827369, 0.528923, 0.696106, 0.61595, 1.25941, 0.809199, 0.271391, 0.181148, 2.14779,
0.64322, 1.04679, 0.20179, 2.38417, 0.453398, 1.28399, 0.459576, 1.79357, 1.21435,
0.800055, 0.715899, 0.719175, 0.362596, 0.583811, 0.721613, 0.428954, 0.945922,
1.8285, 1.28912, 1.25764, 0.700557, 0.440513, 1.50383, 0.39882, 0.902683, 0.535819,
1.39681, 0.79185, 0.113228, 0.285897, 0.215287, 0.662728, 0.637985, 0.726642,
0.919886, 1.73802, 2.8589, 0.474613, 1.09383, 0.0137422, 0.618292, 0.448171, 0.226077,
0.910002, 1.11018, 0.29513, 0.0442225, 1.48485, 1.74018, 0.398791, 1.37252, 0.348914,
1.65825, 0.0755738, 0.163374, 1.69742, 0.963385, 0.995632, 1.98157, 0.337493,
0.211751, 0.247144, 0.322065, 0.431949, 0.581994, 1.12859, 1.26007, 0.204008