pixel density values for different parameters

Rohan Senapati July 2025

1 Introduction

\overline{j}	Area	-	\overline{j}	Area
3	1.8966	-	3	1.8161
4	2.0533		4	1.9971
5	2.1717		5	2.1271
6	2.2628		6	2.2628
7	2.3357		7	2.3054
8	2.3966		8	2.3699
9	2.4470		9	2.4239
10	2.4897		10	2.4687
11	2.5269		11	2.5077
12	2.5595		12	2.5419
13	2.5884		13	2.5723
14	2.6137		14	2.5988
15	2.6370		15	2.6227
16	2.6578		16	2.6451
17	2.6764		17	2.6647
18	2.6939		18	2.6829
19	2.7104		19	2.6994
_20	2.7249		20	2.7145

Table 1: Pixel density = 512, iterations = 25

Table 2: Pixel density = 512, iterations = 100

\overline{j}	Area	\overline{j}	Area
3	1.7969	3	1.7954
4	1.9834	4	1.9819
5	2.1162	5	2.1149
6	2.2182	6	2.2169
7	2.2976	7	2.2967
8	2.3629	8	2.3621
9	2.4173	9	2.4165
10	2.4632	10	2.4624
11	2.5025	11	2.5017
12	2.5368	12	2.5361
13	2.5676	13	2.5671
14	2.5944	14	2.5939
15	2.6186	15	2.6181
16	2.6413	16	2.6407
17	2.6612	17	2.6608
18	2.6796	18	2.6790
19	2.6962	19	2.6958
20	2.7117	20	2.7113

Table 3: Pixel density = 512, iterations = 500

Table 4: Pixel density = 512, iterations = 1000