

Q1 Strassen's Algorithm

1.

行列サイズ	通常の乗算	Strassen's Algorithm
4*4	0.000001	0.000016
8*8	0.000002	0.000036
16*16	0.000019	0.000390
32*32	0.000099	0.002456
64*64	0.000745	0.013976
128*128	0.004890	0.073765
256*256	0.029955	0.501350
512*512	0.246051	3.662341
1024*1024	1.896867	24.269468
2048*2048	15.753140	169.901133

2.

BASE	Strassen's Algorithm
64	9.138792
128	10.036800
256	11.817386
512	13.600907
1024	15.573045