

ajwhitney@ajwhitney-laptop:~/wpi/b19/github/CS2223/hw2\$./p3 50

0: 2

time: 0.000121

ratio: -0.000121

1: 1

time: 0.000236

ratio: 1.95041

2: 3

time: 0.0003

ratio: 1.27119

3: 4

time: 0.000351

ratio: 1.17

4: 7

time: 0.0004

ratio: 1.1396

5: 11

time: 0.000442

ratio: 1.105

6: 18

time: 0.000501

ratio: 1.13348

7: 29

time: 0.000552

ratio: 1.1018

8: 47

time: 0.000599

ratio: 1.08514

9: 76

time: 0.000642

ratio: 1.07179

10: 123

time: 0.000704

ratio: 1.09657

11: 199
time: 0.000722
ratio: 1.02557

12: 322
time: 0.000742
ratio: 1.0277

13: 521
time: 0.000759
ratio: 1.02291

14: 843
time: 0.000779
ratio: 1.02635

15: 1364
time: 0.000802
ratio: 1.02953

16: 2207
time: 0.000829
ratio: 1.03367

17: 3571
time: 0.000866
ratio: 1.04463

18: 5778
time: 0.000922
ratio: 1.06467

19: 9349
time: 0.001001
ratio: 1.08568

20: 15127
time: 0.001118
ratio: 1.11688

21: 24476

time: 0.001305
ratio: 1.16726

22: 39603
time: 0.001595
ratio: 1.22222

23: 64079
time: 0.002014
ratio: 1.2627

24: 103682
time: 0.002675
ratio: 1.3282

25: 167761
time: 0.003747
ratio: 1.40075

26: 271443
time: 0.005362
ratio: 1.43101

27: 439204
time: 0.007889
ratio: 1.47128

28: 710647
time: 0.011977
ratio: 1.51819

29: 1149851
time: 0.018346
ratio: 1.53177

30: 1860498
time: 0.028373
ratio: 1.54655

31: 3010349
time: 0.042251
ratio: 1.48913

32: 4870847
time: 0.061973
ratio: 1.46678

33: 7881196
time: 0.092077
ratio: 1.48576

34: 12752043
time: 0.13632
ratio: 1.4805

35: 20633239
time: 0.210502
ratio: 1.54418

36: 33385282
time: 0.333082
ratio: 1.58232

37: 54018521
time: 0.532087
ratio: 1.59747

38: 87403803
time: 0.858695
ratio: 1.61382

39: 141422324
time: 1.38857
ratio: 1.61707

40: 228826127
time: 2.28233
ratio: 1.64366

41: 370248451
time: 3.71611
ratio: 1.6282

42: 599074578
time: 6.18511
ratio: 1.6644

43: 969323029
time: 10.1731
ratio: 1.64478

44: 1568397607
time: 16.5028
ratio: 1.62219

45: 2537720636
time: 26.7416
ratio: 1.62043

46: 4106118243
time: 44.1311
ratio: 1.65028

47: 6643838879
time: 70.9739
ratio: 1.60825

48: 10749957122
time: 116.698
ratio: 1.64424

49: 28143753123
time: 116.698
ratio: 1