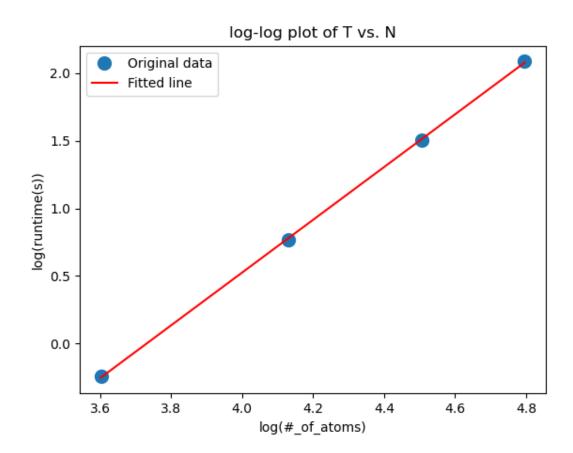
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Hi, I haven't registered yet, but I saw this course was opened recently. Therefore, I still want to register for this course. I did this homework #1 in case I can register for this course.

1. Measuring Computational Complexity

Here is the log-log plot of T vs. N: My fitted value of α is 1.9505968 β is -7.276732



2. Theoretical Flops/s Performance

The theoretical performance = $8 \times 2.3 \times (1 + 1) \times 4 = 147.2$ Gflop/s

3. (Optional)

Execution time (s) = 8.030100e-02

Number of FP operations = 1.609487e+08

MFlops rate = 2.004318e+03