

Execution time vs Problem Size (L)

A scatter plot showing the relationship between Problem Size (L) on the x-axis and Time (s) on the y-axis. The x-axis is logarithmic, with major ticks at 1000, 2000, and 10000. The y-axis is linear, with major ticks at 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100. Data points are represented by black dots, showing a clear upward trend. A solid purple line represents a linear fit to the data, indicating a positive correlation between problem size and time.

Problem Size (L)	Time (s)
1000	~5
1500	~5
2000	~5
2500	~5
3000	~5
3500	~5
4000	~5
4500	~5
5000	~5
10000	~95
10500	~95
11000	~95
11500	~95
12000	~95

