

	A	B	C
1	thread number	execution time	instruction number
2	1	32.6	57805324035
3	2	26	57805336329
4	3	24.2	57805350989
5	4	24.2	57805373810
6	5	25.2	57805423531
7	10	25.6	57805633092
8	25	22	57806244371
9	50	23	57807274513
10	100	23.6	57809296846
11	200	23.4	57813389879
12	500	23	57825622639

3. Compare the execution time with different thread number

When the thread number == 1, the execution time is the longest because the matrix multiplication is not computed parallelly.

When the thread number increases from 1 to 2, the execution time decrease the most because computing parallelly will improve efficiency.

But the execution time does not decrease much afterward.

4. Compare the instructions number with different threads numbers

The greater thread number, the greater instruction number.

The instruction number grows significantly when the thread number is large.