

Run-Times of the Parallel Trapezoidal Rule

Department of Computer Science, CS 220

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p	Elapsed	Speedup	Efficiency
1	9.7	1.0	1.00
2	4.9	2.0	0.99
4	2.7	3.6	0.89
8	1.7	5.7	0.71
16	1.2	8.1	0.51

Times are in milliseconds, $f(x) = \exp(\sin(x))$, $a = 0$, $b = 1$, $n = 100,000$.
Times taken on Penguin cluster. Compile flag `-O2`.