Matrix Size	Number Of Cores	# Time (serial)	# Time (parallel)	scenario	Speedup	Theoretical Speedup (Amdahl's Law)	Amdahl's Speedup
4096	4	918.142	5.77228	inversionFixedSizeSingleRegion	159.0605445	3.076923077	51.69467697
4096	8	918.142	1.31268	inversionFixedSizeSingleRegion	699.4408386	4.705882353	148.6311782
4096	16	918.142	1.17111	inversionFixedSizeSingleRegion	783.9929639	6.4	122.4989006
1024	2	13.4858	1.06125	inversionFixedSizeCrossRegion	12.70746761	1.818181818	6.989107185
1024	4	13.4858	0.260469	inversionFixedSizeCrossRegion	51.77506728	3.076923077	16.82689687
1024	8	13.4858	0.0959088	inversionFixedSizeCrossRegion	140.6106635	4.705882353	29.87976599
1024	16	13.4858	3.96472	inversionFixedSizeCrossRegion	3.401450796	6.4	0.5314766869

Matrix Size	Number Of Cores	Time (serial)	# Time (parallel)	scenario	Speedup	Theoretical Speedup (Amdahl's Law)	Amdahl's Speedup
1024	2	13.4858	1.06391	inversionFixedLoadSingleRegion	12.67569625	1.818181818	6.971632939
2048	4	110.048	0.9436	inversionFixedLoadSingleRegion	116.6256889	3.076923077	37.90334888
4096	8	918.142	1.34828	inversionFixedLoadSingleRegion	680.972795	4.705882353	144.7067189
8192	16	0	112.437	inversionFixedLoadSingleRegion	0	6.4	0
1024	2	13.4858	1.06319	inversionFixedLoadCrossRegion	12.68428033	1.818181818	6.976354179
2048	4	110.048	0.877459	inversionFixedLoadCrossRegion	125.4166861	3.076923077	40.76042299
4096	8	918.142	1.36962	inversionFixedLoadCrossRegion	670.3625823	4.705882353	142.4520487
8192	16	0	139.404	inversionFixedLoadCrossRegion	0	6.4	0

Matrix Size	Number Of Cores	# Time (serial)	# Time (parallel)	scenario	Speedup	Theoretical Speedup (Amdahl's Law)	Amdahl's Speedup

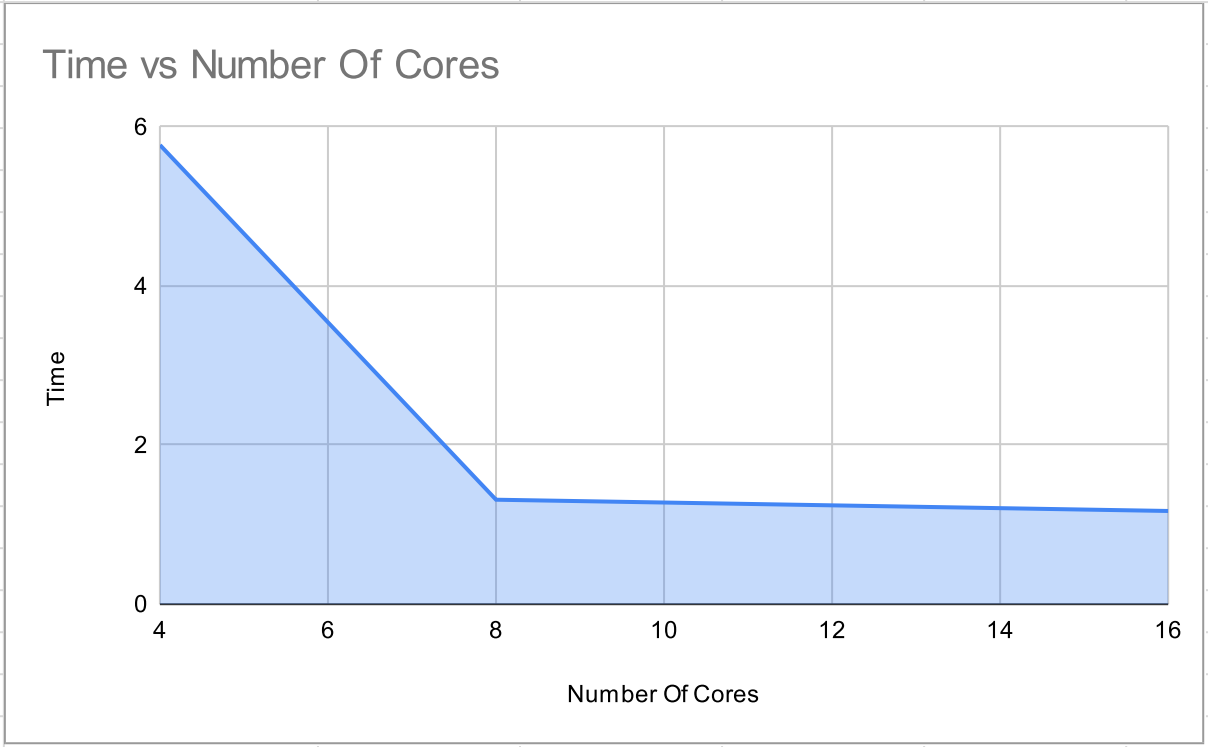
Matrix Size	Number Of Cores	Time (serial)	# Time (parallel)	scenario	Speedup	Theoretical Speedup (Amdahl's Law)	Amdahl's Speedup
1024	2	8.35007	11.1404	multiplicationFixedSizeSingleRegion	0.7495305375	1.818181818	0.4122417956
1024	4	8.35007	5.58409	multiplicationFixedSizeSingleRegion	1.495332274	3.076923077	0.4859829892
1024	8	8.35007	5.58409	multiplicationFixedSizeSingleRegion	1.495332274	4.705882353	0.3177581083
1024	16	8.35007	1.4189	multiplicationFixedSizeSingleRegion	5.884889703	6.4	0.9195140161
1024	2	8.35007	11.1322	multiplicationFixedSizeCrossRegion	0.7500826431	1.818181818	0.4125454537
1024	4	8.35007	5.56975	multiplicationFixedSizeCrossRegion	1.49918219	3.076923077	0.4872342116
1024	8	8.35007	5.11362	multiplicationFixedSizeCrossRegion	1.632907803	4.705882353	0.3469929082
1024	16	8.35007	26.2454	multiplicationFixedSizeCrossRegion	0.3181536574	6.4	0.04971150897

Matrix Size	Number Of Cores	# Time (serial)	# Time (parallel)	scenario	Speedup	Theoretical Speedup (Amdahl's Law)	Amdahl's Speedup
512	2	1.00479	1.34979	multiplicationFixedLoadSingleRegion	0.7444046852	1.818181818	0.4094225768
1024	4	8.35007	5.64873	multiplicationFixedLoadSingleRegion	1.478220768	3.076923077	0.4804217497

Matrix Size	Number Of Cores	# Time (serial)	# Time (parallel)	scenario	Speedup	Theoretical Speedup (Amdahl’s Law)	Amdahl's Speedup
2048	8	81.8249	35.2633	multiplicationFixedLoadSingleRegion	2.320398261	4.705882353	0.4930846305
4096	16	735.794	663.241	multiplicationFixedLoadSingleRegion	1.109391609	6.4	0.1733424389
512	2	1.00479	1.35896	multiplicationFixedLoadCrossRegion	0.7393815859	1.818181818	0.4066598723
1024	4	8.35007	5.62623	multiplicationFixedLoadCrossRegion	1.484132359	3.076923077	0.4823430165
2048	8	81.8249	30.0107	multiplicationFixedLoadCrossRegion	2.726524206	4.705882353	0.5793863939
4096	16	735.794	2737.52	multiplicationFixedLoadCrossRegion	0.2687812326	6.4	0.0419970676

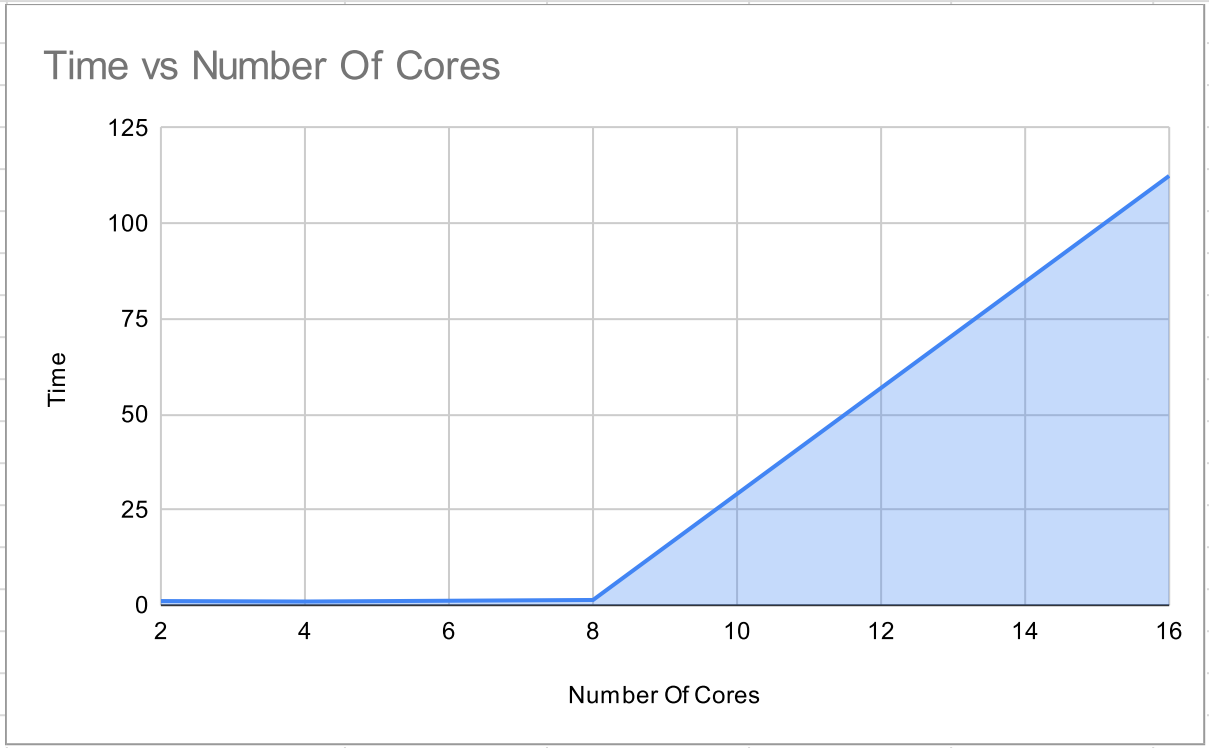
Matrix Size	Number Of Cores	Time
4096	4	5.77228
4096	8	1.31268
4096	16	1.17111

invFSS



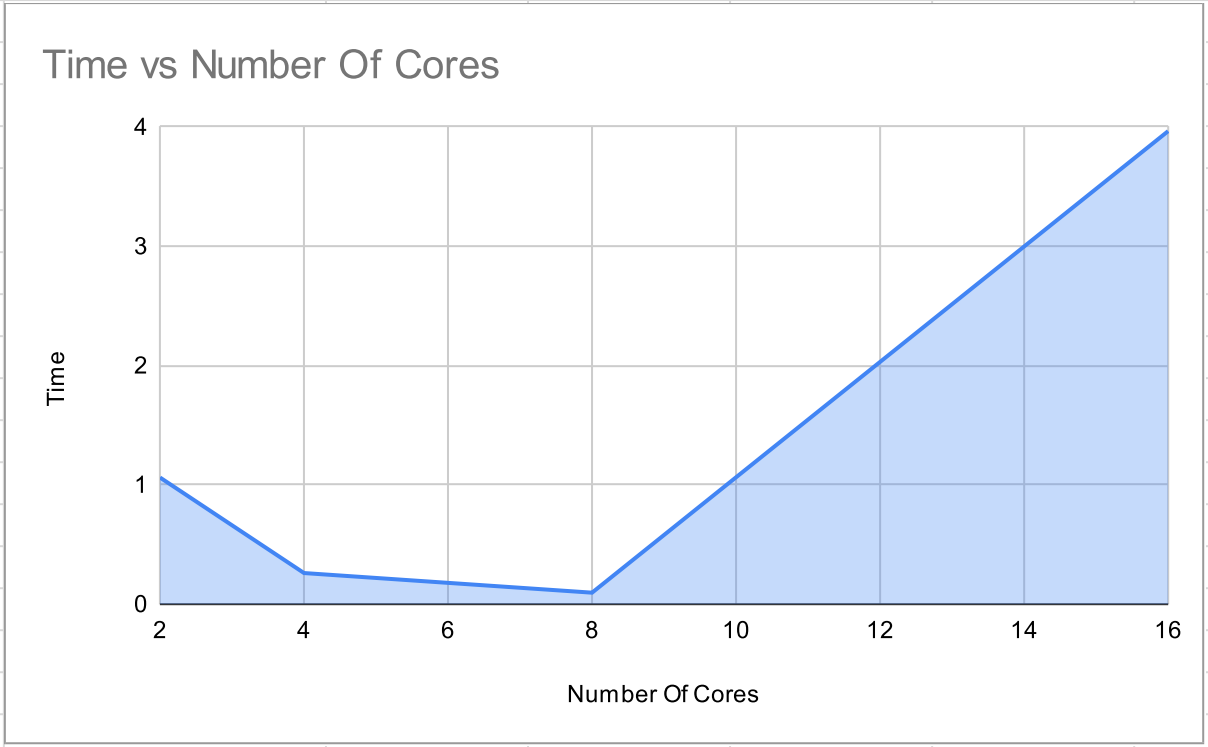
Matrix Size	Number Of Cores	Time
1024	2	1.06391
2048	4	0.9436
4096	8	1.34828
8192	16	112.437

invFLS



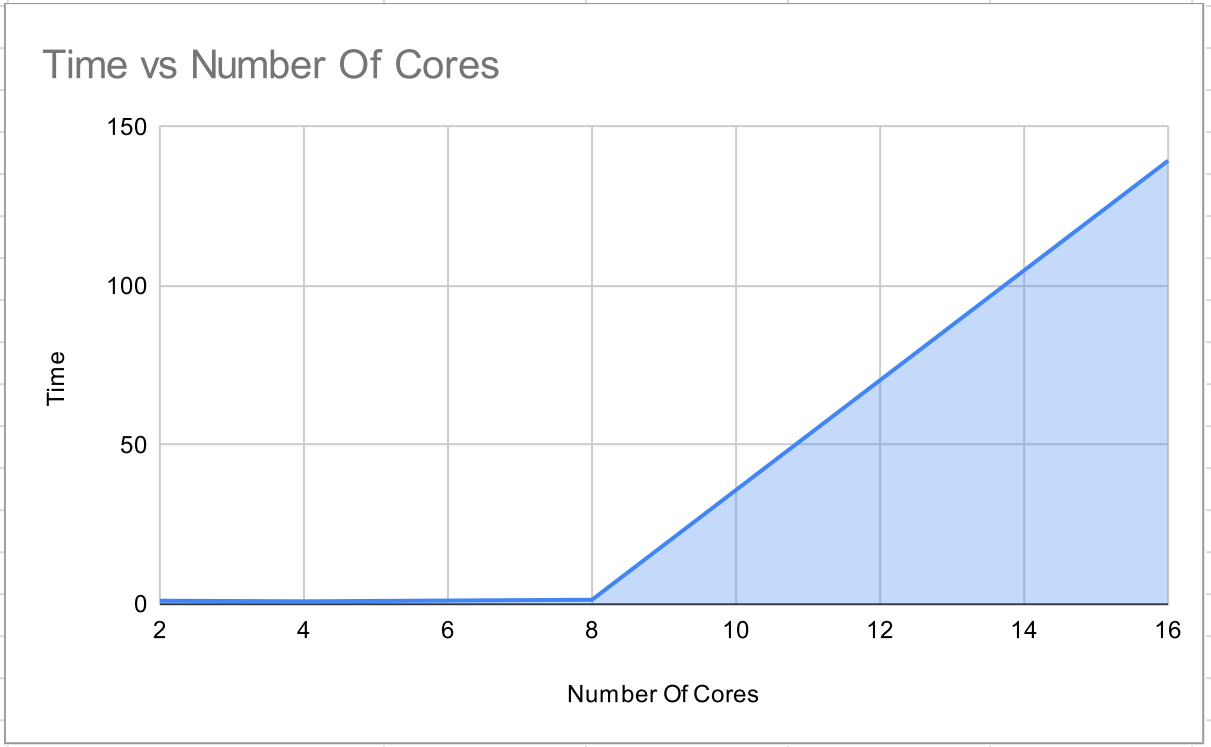
Matrix Size	Number Of Cores	Time
1024	2	1.06125
1024	4	0.260469
1024	8	0.0959088
1024	16	3.96472

invFSM



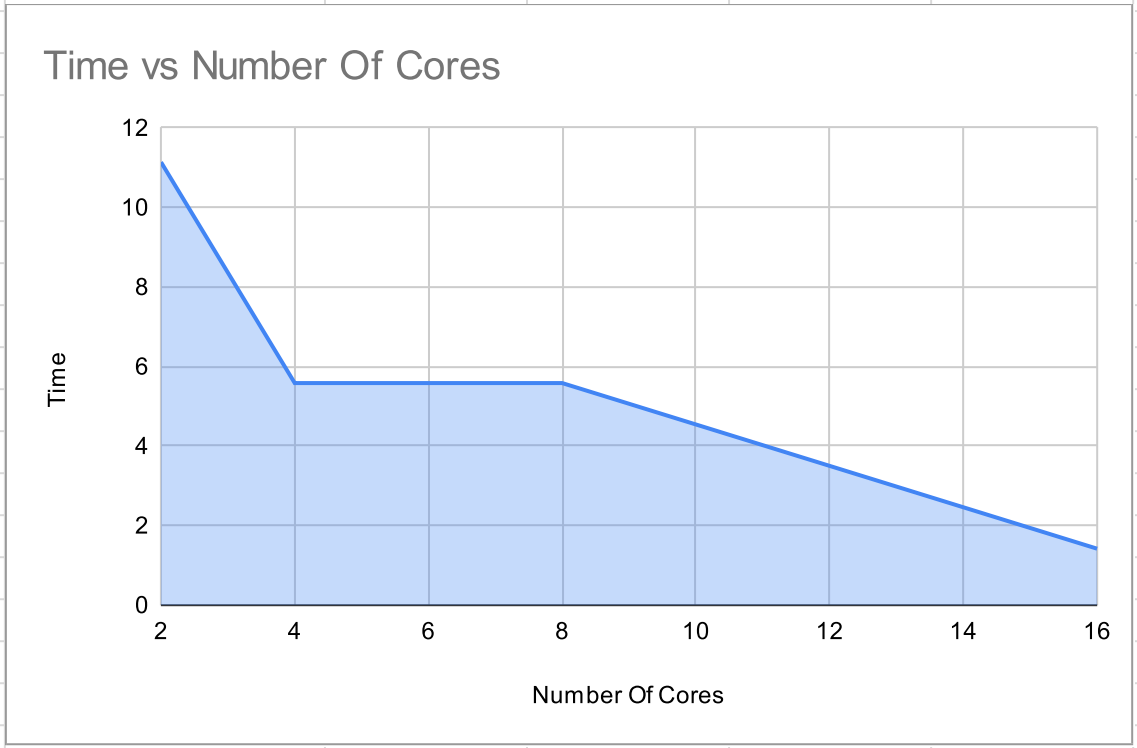
Matrix Size	Number Of Cores	Time
1024	2	1.06319
2048	4	0.877459
4096	8	1.36962
8192	16	139.404

invFLM



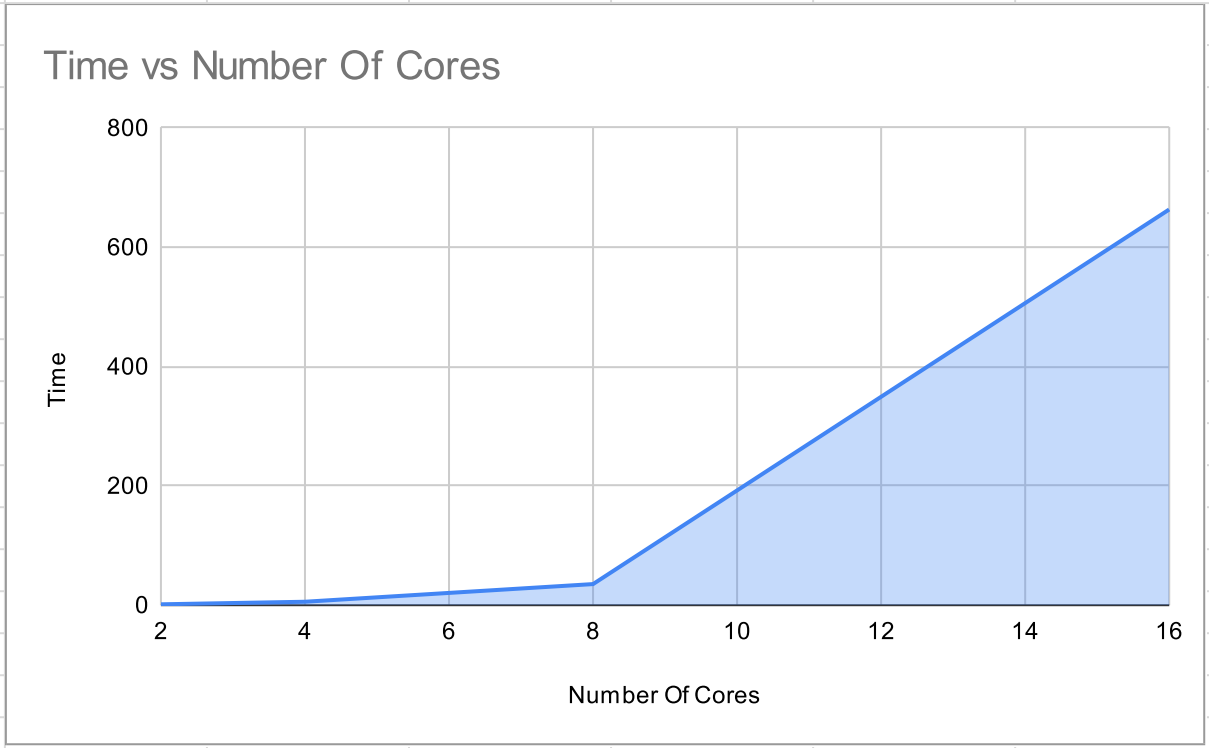
Matrix Size	Number Of Cores	Time
1024	2	11.1404
1024	4	5.58409
1024	8	5.58409
1024	16	1.4189

mulFSS



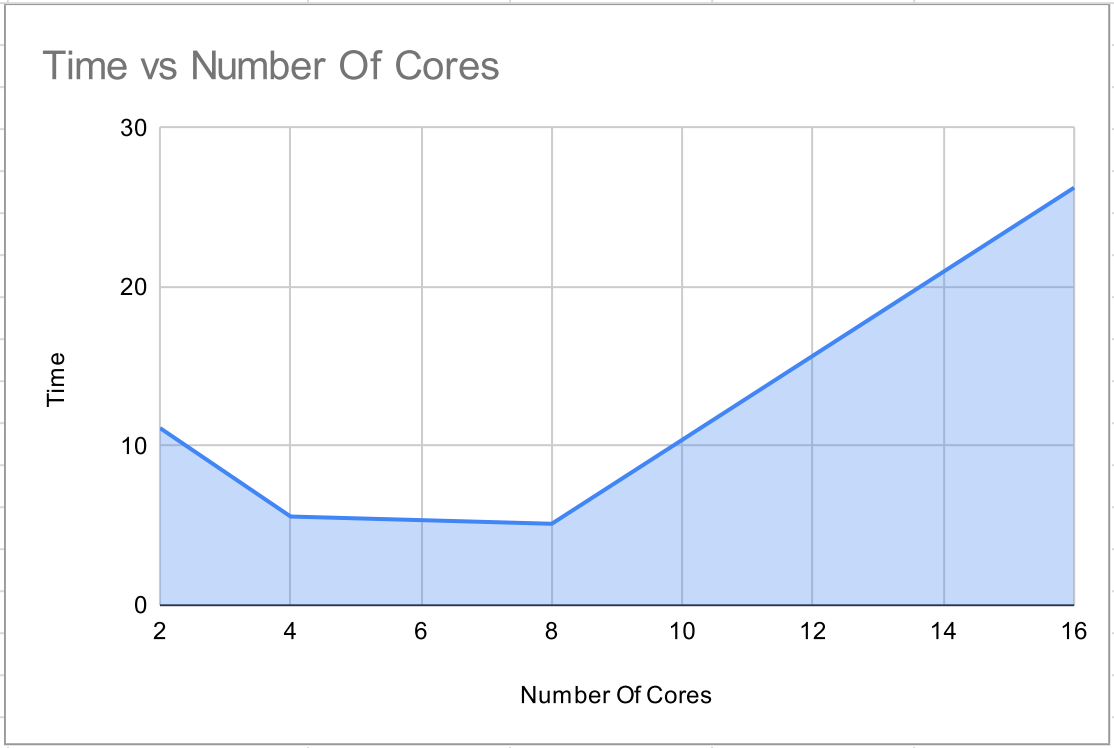
Matrix Size	Number Of Cores	Time
512	2	1.34979
1024	4	5.64873
2048	8	35.2633
4096	16	663.241

mulFLS



Matrix Size	Number Of Cores	Time
1024	2	11.1322
1024	4	5.56975
1024	8	5.11362
1024	16	26.2454

mulFSM



Matrix Size	Number Of Cores	Time
512	2	1.35896
1024	4	5.62623
2048	8	30.0107
4096	16	2737.52

mulFLM