

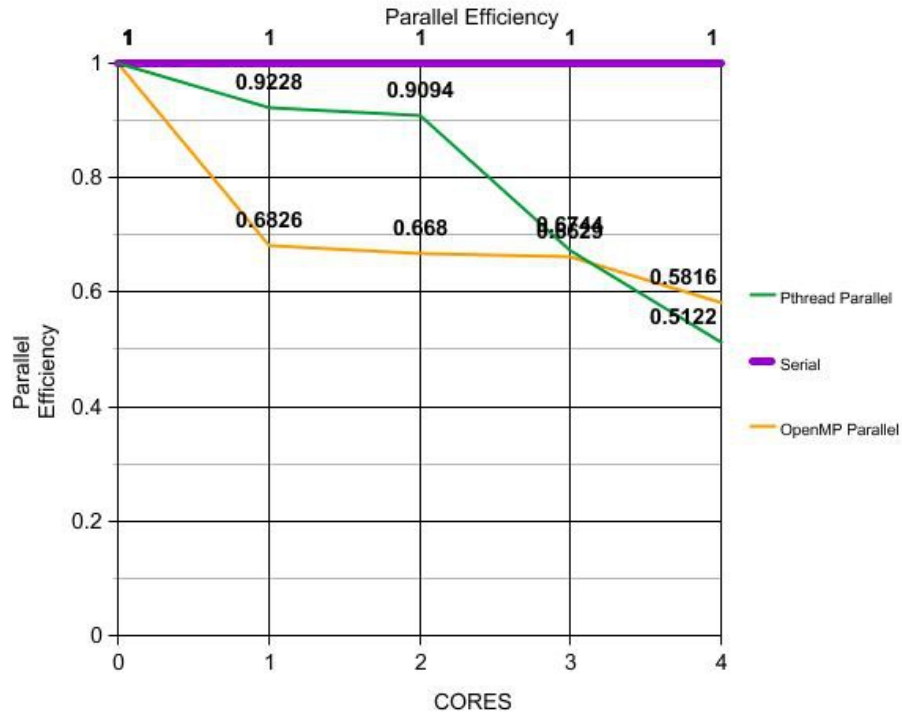
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### Pthread and OpenMP Project : Code scalability

Problem Size for the matrix is **constant at n=3000**.

#### OPENMP

Cores	Trial 1 Time (sec)	Trial 2 Time(sec)	Trial 3 Time(sec)	Average Time(sec)	Parallel Eff. (sec/cores*sec)
1	101.125	101.164	101.168	101.152	.6826
2	51.604	51.857	51.572	51.678	.6680
3	34.634	34.765	34.773	34.724	.6629
4	29.399	29.699	29.938	29.679	.5816



#### PTHREAD

Cores	Trial 1 Time (sec)	Trial 2 Time(sec)	Trial 3 Time(sec)	Average Time(sec)	Parallel Eff. (sec/cores*sec)
1	74.758	75.143	74.560	74.820	.9228
2	37.786	37.985	38.117	37.962	.9094
3	33.905	33.700	33.969	33.858	.6797
4	32.973	33.185	33.128	33.095	.5216

