

Jacobi implementation using Pthreads

T_serial = 7.88 sec

Time taken by 1 thread = 7.88 sec

Time taken by 2 thread = 7.06 sec

Time taken by 4 thread = 5.26 sec

Time taken by 8 thread = 2.77 sec

Time taken by 16 thread = 2.99 sec

No.of Threads	1	2	4	8	16
Performance	1	1.116	1.498	2.84	2.63
Efficiency	1	0.55	0.37	0.355	0.16

Contribution-

Pthreads - Naga Ganesh Kurapati