

Matrix size	Serial algorithm	Parallel algorithm					
		2 processors		4 processors		8 processors	
		Time	Speed up	Time	Speed up	Time	Speed up
10	2e-06	7.91e-07	0.00116389	9.99e-07	0.00613678	7.5e-07	0.000247504
100	8 6.1e-05	0.000147414	0.769798	5.5291e-05	0.287168	6.5624e-05	0.074982
1000	0.005903	0.00623354	0.867805	0.00780444	0.439931	0.010058	0.397989
2000	0.030716	0.0257365	0.564485	0.0324067	0.644561	0.0604656	0.809035
3000	0.052803	0.0632959	0.643224	0.132538	1.20915	0.106721	0.820936
4000	0.097871	0.0997498	0.674423	0.204456	1.23517	0.209004	0.985943
5000	0.212003	0.151066	0.893289	0.303026	0.816794	0.405517	1.32262
6000	0.212003	0.21916	0.841674	0.443614	0.810573	0.456649	1.05414
7000	0.291622	0.296521	0.711989	0.627564	0.945245	0.611479	1.05148
8000	0.212003	0.388717	0.799017	0.754009	0.895301	0.797517	1.02574
9000	0.474926	0.498536	0.81933	0.793901	1.1092	1.04392	1.17564
10000	0.585158	0.604684	0.816783	1.00314	1.03915	1.28023	1.14344