

Using	[Matrix]	[Threads]	Time / manual	Inf Norm / manual	Time / pthreads	Inf Norm / pthreads
./A2-pthreads-solo -r	50	2	0.001407	89,502.0	0.000796	85,625.0
./A2-pthreads-solo -r	50	2	0.001412	89,502.0	0.000797	85,625.0
./A2-pthreads-solo -r	50	2	0.001409	89,502.0	0.000805	85,625.0
./A2-pthreads-solo -r	50	5	0.001417	89,502.0	0.000868	86,323.0
./A2-pthreads-solo -r	50	5	0.001405	89,502.0	0.000900	85,189.0
./A2-pthreads-solo -r	50	5	0.001412	89,502.0	0.000644	85,058.0
./A2-pthreads-solo -r	100	10	0.011013	353,266.0	0.003046	328,456.0
./A2-pthreads-solo -r	100	10	0.011011	353,266.0	0.003512	328,456.0
./A2-pthreads-solo -r	100	10	0.011016	353,266.0	0.002598	328,456.0
./A2-pthreads-solo -r	100	20	0.011008	353,266.0	0.004229	328,456.0
./A2-pthreads-solo -r	100	20	0.011009	353,266.0	0.004306	330,718.0
./A2-pthreads-solo -r	100	20	0.011043	353,266.0	0.003444	322,376.0
./A2-pthreads-solo -r	50	2	0.001405	89,502.0	0.000787	85,625.0
./A2-pthreads-solo -r	50	2	0.001409	89,502.0	0.000783	89,502.0
./A2-pthreads-solo -r	50	2	0.001411	89,502.0	0.000779	85,625.0
./A2-pthreads-solo -r	50	5	0.001406	89,502.0	0.000940	85,189.0
./A2-pthreads-solo -r	50	5	0.001406	89,502.0	0.000926	85,058.0
./A2-pthreads-solo -r	50	5	0.001405	89,502.0	0.000918	85,058.0
./A2-pthreads-solo -r	100	10	0.011012	353,266.0	0.003239	324,244.0
./A2-pthreads-solo -r	100	10	0.011007	353,266.0	0.002789	328,456.0
./A2-pthreads-solo -r	100	10	0.011016	353,266.0	0.002692	331,606.0
./A2-pthreads-solo -r	100	20	0.011007	353,266.0	0.004198	330,718.0
./A2-pthreads-solo -r	100	20	0.011006	353,266.0	0.005866	330,718.0
./A2-pthreads-solo -r	100	20	0.011026	353,266.0	0.004040	326,364.0

Using	[Matrix]	[Threads]	Time / manual	Inf Norm / manual	Time / pthreads	Inf Norm / pthreads
./A2-pthreads-solo -i	50	2	0.001410	1,625,625.0	0.000794	1,625,625.0
./A2-pthreads-solo -i	50	2	0.001403	1,625,625.0	0.000768	1,625,625.0
./A2-pthreads-solo -i	50	2	0.001408	1,625,625.0	0.000615	1,625,625.0
./A2-pthreads-solo -i	50	5	0.001403	1,625,625.0	0.000956	1,625,625.0
./A2-pthreads-solo -i	50	5	0.001410	1,625,625.0	0.000710	1,625,625.0
./A2-pthreads-solo -i	50	5	0.001402	1,625,625.0	0.000883	1,625,625.0
./A2-pthreads-solo -i	100	10	0.011007	25,502,500.0	0.002675	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011017	25,502,500.0	0.003503	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011010	25,502,500.0	0.002168	25,502,500.0
./A2-pthreads-solo -i	100	20	0.011008	25,502,500.0	0.004088	25,502,500.0
./A2-pthreads-solo -i	100	20	0.011006	25,502,500.0	0.004361	25,502,500.0
./A2-pthreads-solo -i	100	20	0.011012	25,502,500.0	0.003443	25,502,500.0
./A2-pthreads-solo -i	50	2	0.001402	1,625,625.0	0.000780	1,625,625.0
./A2-pthreads-solo -i	50	2	0.001404	1,625,625.0	0.000777	1,625,625.0
./A2-pthreads-solo -i	50	2	0.001415	1,625,625.0	0.000775	1,625,625.0
./A2-pthreads-solo -i	50	5	0.001408	1,625,625.0	0.000938	1,625,625.0
./A2-pthreads-solo -i	50	5	0.001405	1,625,625.0	0.000895	1,625,625.0
./A2-pthreads-solo -i	50	5	0.001412	1,625,625.0	0.000936	1,625,625.0
./A2-pthreads-solo -i	100	10	0.011072	25,502,500.0	0.002305	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011012	25,502,500.0	0.002738	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011017	25,502,500.0	0.002255	25,502,500.0
./A2-pthreads-solo -i	100	20	0.011010	25,502,500.0	0.003405	25,502,500.0
./A2-pthreads-solo -i	100	20	0.011088	25,502,500.0	0.003177	25,502,500.0
./A2-pthreads-solo -i	100	20	0.011006	25,502,500.0	0.003435	25,502,500.0

Using	[Matrix]	[Threads]	Time / manual	Inf Norm / manual	Time / pthreads	Inf Norm / pthreads
./A2-pthreads-solo -r	50	10	0.001409	89,502.0	0.001412	83,084.0
./A2-pthreads-solo -r	50	10	0.001408	89,502.0	0.001331	83,084.0
./A2-pthreads-solo -r	50	10	0.001413	89,502.0	0.001488	83,084.0
./A2-pthreads-solo -r	100	10	0.011018	353,266.0	0.003031	324,244.0
./A2-pthreads-solo -r	100	10	0.011017	353,266.0	0.002967	328,456.0
./A2-pthreads-solo -r	100	10	0.011027	353,266.0	0.003410	328,456.0
./A2-pthreads-solo -r	500	20	2.277439	8,117,937.0	0.100086	7,887,576.0
./A2-pthreads-solo -r	500	20	2.266145	8,117,937.0	0.079707	7,958,041.0
./A2-pthreads-solo -r	500	20	2.263969	8,117,937.0	0.072114	7,969,826.0
./A2-pthreads-solo -r	500	20	2.267955	8,117,937.0	0.089036	7,941,189.0
./A2-pthreads-solo -r	1000	20	22.695424	31,896,067.0	0.657843	31,359,528.0
./A2-pthreads-solo -r	1000	20	22.644039	31,896,067.0	0.845433	31,359,528.0
./A2-pthreads-solo -r	1000	20	22.586039	31,896,067.0	0.761873	31,359,528.0
./A2-pthreads-solo -r	1000	20	22.867197	31,896,067.0	0.689865	31,359,528.0
./A2-pthreads-solo -r	50	10	0.001414	89,502.0	0.001121	83,338.0
./A2-pthreads-solo -r	50	10	0.001416	89,502.0	0.001249	82,995.0
./A2-pthreads-solo -r	50	10	0.001406	89,502.0	0.001329	83,084.0
./A2-pthreads-solo -r	100	10	0.011015	353,266.0	0.002412	328,456.0
./A2-pthreads-solo -r	100	10	0.011013	353,266.0	0.003042	328,456.0
./A2-pthreads-solo -r	100	10	0.011029	353,266.0	0.003435	328,866.0
./A2-pthreads-solo -r	500	20	2.278701	8,117,937.0	0.079072	7,958,041.0
./A2-pthreads-solo -r	500	20	2.280150	8,117,937.0	0.074330	7,941,189.0
./A2-pthreads-solo -r	500	20	2.275920	8,117,937.0	0.072233	7,958,041.0
./A2-pthreads-solo -r	500	20	2.269146	8,117,937.0	0.073958	7,914,706.0
./A2-pthreads-solo -r	1000	20	22.604045	31,896,067.0	0.805102	31,359,528.0
./A2-pthreads-solo -r	1000	20	22.588872	31,896,067.0	0.726566	31,359,528.0
./A2-pthreads-solo -r	1000	20	22.591746	31,896,067.0	0.735695	31,359,528.0
./A2-pthreads-solo -r	1000	20	22.595227	31,896,067.0	0.689487	31,359,528.0

Using	[Matrix]	[Threads]	Time / manual	Inf Norm / manual	Time / pthreads	Inf Norm / pthreads
./A2-pthreads-solo -i	50	10	0.001413	1,625,625.0	0.001308	1,625,625.0
./A2-pthreads-solo -i	50	10	0.001406	1,625,625.0	0.001294	1,625,625.0
./A2-pthreads-solo -i	50	10	0.001414	1,625,625.0	0.001214	1,625,625.0
./A2-pthreads-solo -i	100	10	0.011010	25,502,500.0	0.003006	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011010	25,502,500.0	0.002655	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011014	25,502,500.0	0.002412	25,502,500.0
./A2-pthreads-solo -i	500	20	2.274337	15,687,562,500.0	0.074011	15,687,562,500.0
./A2-pthreads-solo -i	500	20	2.273940	15,687,562,500.0	0.074282	15,687,562,500.0
./A2-pthreads-solo -i	500	20	2.269123	15,687,562,500.0	0.076757	15,687,562,500.0
./A2-pthreads-solo -i	500	20	2.268417	15,687,562,500.0	0.073420	15,687,562,500.0
./A2-pthreads-solo -i	1000	20	22.566625	250,500,250,000.0	0.658890	250,500,250,000.0
./A2-pthreads-solo -i	1000	20	22.560287	250,500,250,000.0	0.746149	250,500,250,000.0
./A2-pthreads-solo -i	1000	20	22.724512	250,500,250,000.0	0.805147	250,500,250,000.0
./A2-pthreads-solo -i	1000	20	22.652979	250,500,250,000.0	0.750033	250,500,250,000.0
./A2-pthreads-solo -i	50	10	0.001415	1,625,625.0	0.001044	1,625,625.0
./A2-pthreads-solo -i	50	10	0.001412	1,625,625.0	0.001168	1,625,625.0
./A2-pthreads-solo -i	50	10	0.001406	1,625,625.0	0.001356	1,625,625.0
./A2-pthreads-solo -i	100	10	0.011012	25,502,500.0	0.003220	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011005	25,502,500.0	0.002746	25,502,500.0
./A2-pthreads-solo -i	100	10	0.011024	25,502,500.0	0.002686	25,502,500.0
./A2-pthreads-solo -i	500	20	2.279820	15,687,562,500.0	0.075656	15,687,562,500.0
./A2-pthreads-solo -i	500	20	2.276522	15,687,562,500.0	0.076434	15,687,562,500.0
./A2-pthreads-solo -i	500	20	2.246144	15,687,562,500.0	0.075013	15,687,562,500.0
./A2-pthreads-solo -i	500	20	2.280677	15,687,562,500.0	0.078744	15,687,562,500.0
./A2-pthreads-solo -i	1000	20	22.517391	250,500,250,000.0	0.751990	250,500,250,000.0
./A2-pthreads-solo -i	1000	20	22.561444	250,500,250,000.0	0.941664	250,500,250,000.0
./A2-pthreads-solo -i	1000	20	22.588215	250,500,250,000.0	0.736500	250,500,250,000.0
./A2-pthreads-solo -i	1000	20	22.603145	250,500,250,000.0	0.723599	250,500,250,000.0

Using	[Matrix]	[Threads]	Time / manual	Inf Norm / manual	Time / pThreads	Inf Norm / pThreads
./A2-pthreads-solo -r	50	10	0.001412	89,502.0	0.001368	83,084.0
./A2-pthreads-solo -r	150	10	0.036468	772,112.0	0.004344	718,234.0
./A2-pthreads-solo -r	200	20	0.103250	1,322,244.0	0.009416	1,290,780.0
./A2-pthreads-solo -r	1000	100	22.577512	31,896,067.0	0.653281	31,341,889.0
./A2-pthreads-solo -r	300	30	0.398502	3,011,393.0	0.020857	2,867,749.0
./A2-pthreads-solo -r	1000	100	22.658816	31,896,067.0	0.668295	31,350,390.0
./A2-pthreads-solo -r	400	40	1.030502	5,225,598.0	0.045610	5,105,882.0
./A2-pthreads-solo -r	1000	100	22.634818	31,896,067.0	0.647604	31,350,390.0
./A2-pthreads-solo -r	500	50	2.276678	8,117,937.0	0.089903	7,957,767.0
./A2-pthreads-solo -r	550	50	3.018685	9,746,097.0	0.108451	9,519,842.0
./A2-pthreads-solo -r	600	60	3.970175	11,584,750.0	0.158750	11,512,140.0
./A2-pthreads-solo -r	1000	100	22.625830	31,896,067.0	0.627810	31,350,390.0
./A2-pthreads-solo -r	700	70	7.715003	15,701,890.0	0.233204	15,534,400.0
./A2-pthreads-solo -r	1000	100	22.644341	31,896,067.0	0.631318	31,350,390.0
./A2-pthreads-solo -r	800	80	9.991302	20,461,090.0	0.322235	20,204,923.0
./A2-pthreads-solo -r	1000	100	23.727530	31,896,067.0	0.653829	31,350,390.0
./A2-pthreads-solo -r	900	90	20.144580	25,890,261.0	0.463994	25,133,012.0
./A2-pthreads-solo -r	1000	100	22.567932	31,896,067.0	0.626697	31,350,390.0
./A2-pthreads-solo -r	1000	100	22.602344	31,896,067.0	0.639306	31,350,390.0
./A2-pthreads-solo -r	50	10	0.001402	89,502.0	0.001367	83,084.0
./A2-pthreads-solo -r	150	10	0.036408	772,112.0	0.004830	718,234.0
./A2-pthreads-solo -r	200	20	0.103282	1,322,244.0	0.008834	1,290,780.0
./A2-pthreads-solo -r	1000	100	22.599911	31,896,067.0	0.618144	31,350,390.0
./A2-pthreads-solo -r	300	30	0.390335	3,011,393.0	0.021323	2,867,749.0
./A2-pthreads-solo -r	1000	100	22.589421	31,896,067.0	0.649053	31,350,390.0
./A2-pthreads-solo -r	400	40	1.033686	5,225,598.0	0.043501	5,105,882.0
./A2-pthreads-solo -r	1000	100	22.610600	31,896,067.0	0.637181	31,350,390.0
./A2-pthreads-solo -r	500	50	2.317871	8,117,937.0	0.086061	7,957,767.0
./A2-pthreads-solo -r	550	50	2.994025	9,746,097.0	0.104394	9,519,842.0
./A2-pthreads-solo -r	600	60	3.990792	11,584,750.0	0.157564	11,512,140.0
./A2-pthreads-solo -r	1000	100	22.655217	31,896,067.0	0.637070	31,350,390.0
./A2-pthreads-solo -r	700	70	7.829027	15,701,890.0	0.223619	15,534,400.0
./A2-pthreads-solo -r	1000	100	22.715330	31,896,067.0	0.630564	31,350,390.0
./A2-pthreads-solo -r	800	80	9.961606	20,461,090.0	0.323325	20,204,923.0
./A2-pthreads-solo -r	1000	100	22.775118	31,896,067.0	0.632430	31,350,390.0
./A2-pthreads-solo -r	900	90	20.011760	25,890,261.0	0.448777	25,133,012.0
./A2-pthreads-solo -r	1000	100	22.545957	31,896,067.0	0.632317	31,350,390.0
./A2-pthreads-solo -r	1000	100	22.624936	31,896,067.0	0.648349	31,350,390.0

Using	[Matrix]	[Threads]	Time / manual	Inf Norm / manual	Time / pThreads	Inf Norm / pThreads
./A2-pthreads-solo -i	50	10	0.001402	1,625,625.0	0.001368	1,625,625.0
./A2-pthreads-solo -i	150	10	0.036497	128,255,625.0	0.005516	128,255,625.0
./A2-pthreads-solo -i	200	20	0.103509	404,010,000.0	0.010126	404,010,000.0
./A2-pthreads-solo -i	1000	100	22.578228	250,500,250,000.0	0.629005	250,500,250,000.0
./A2-pthreads-solo -i	300	30	0.394802	2,038,522,500.0	0.019049	2,038,522,500.0
./A2-pthreads-solo -i	1000	100	22.531387	250,500,250,000.0	0.623278	250,500,250,000.0
./A2-pthreads-solo -i	400	40	1.014198	6,432,040,000.0	0.045393	6,432,040,000.0
./A2-pthreads-solo -i	1000	100	22.699620	250,500,250,000.0	0.637117	250,500,250,000.0
./A2-pthreads-solo -i	500	50	2.278428	15,687,562,500.0	0.081549	15,687,562,500.0
./A2-pthreads-solo -i	550	50	3.056677	22,959,825,625.0	0.100339	22,959,825,625.0
./A2-pthreads-solo -i	600	60	4.072283	32,508,090,000.0	0.149209	32,508,090,000.0
./A2-pthreads-solo -i	1000	100	22.626312	250,500,250,000.0	0.625287	250,500,250,000.0
./A2-pthreads-solo -i	700	70	7.611243	60,196,622,500.0	0.220870	60,196,622,500.0
./A2-pthreads-solo -i	1000	100	22.560374	250,500,250,000.0	0.630177	250,500,250,000.0
./A2-pthreads-solo -i	800	80	10.029581	102,656,160,000.0	0.327374	102,656,160,000.0
./A2-pthreads-solo -i	1000	100	22.596446	250,500,250,000.0	0.638827	250,500,250,000.0
./A2-pthreads-solo -i	900	90	20.174155	164,389,702,500.0	0.450073	164,389,702,500.0
./A2-pthreads-solo -i	1000	100	22.571971	250,500,250,000.0	0.635937	250,500,250,000.0
./A2-pthreads-solo -i	1000	100	22.702559	250,500,250,000.0	0.647013	250,500,250,000.0
./A2-pthreads-solo -i	50	10	0.001406	1,625,625.0	0.001293	1,625,625.0
./A2-pthreads-solo -i	150	10	0.036443	128,255,625.0	0.004162	128,255,625.0
./A2-pthreads-solo -i	200	20	0.102373	404,010,000.0	0.012016	404,010,000.0
./A2-pthreads-solo -i	1000	100	22.590978	250,500,250,000.0	0.632697	250,500,250,000.0
./A2-pthreads-solo -i	300	30	0.385407	2,038,522,500.0	0.021244	2,038,522,500.0
./A2-pthreads-solo -i	1000	100	22.636475	250,500,250,000.0	0.635413	250,500,250,000.0
./A2-pthreads-solo -i	400	40	1.028510	6,432,040,000.0	0.049324	6,432,040,000.0
./A2-pthreads-solo -i	1000	100	22.667234	250,500,250,000.0	0.629788	250,500,250,000.0
./A2-pthreads-solo -i	500	50	2.267032	15,687,562,500.0	0.082868	15,687,562,500.0
./A2-pthreads-solo -i	550	50	3.048547	22,959,825,625.0	0.104482	22,959,825,625.0
./A2-pthreads-solo -i	600	60	3.844227	32,508,090,000.0	0.144682	32,508,090,000.0
./A2-pthreads-solo -i	1000	100	22.577241	250,500,250,000.0	0.634571	250,500,250,000.0
./A2-pthreads-solo -i	700	70	8.153411	60,196,622,500.0	0.218322	60,196,622,500.0
./A2-pthreads-solo -i	1000	100	22.671438	250,500,250,000.0	0.635316	250,500,250,000.0
./A2-pthreads-solo -i	800	80	10.527717	102,656,160,000.0	0.342593	102,656,160,000.0
./A2-pthreads-solo -i	1000	100	22.648630	250,500,250,000.0	0.642568	250,500,250,000.0
./A2-pthreads-solo -i	900	90	20.292053	164,389,702,500.0	0.468552	164,389,702,500.0
./A2-pthreads-solo -i	1000	100	22.644521	250,500,250,000.0	0.639157	250,500,250,000.0
./A2-pthreads-solo -i	1000	100	22.637018	250,500,250,000.0	0.628302	250,500,250,000.0