

Iteration = 10, alpha = 1

	compile time(s)	comm time(s)	blocks	error	error delta	real time(s)
rows:10*cols1: 10 total	38.02147872	0.297315	2367	1382549.71097	4968	88
rows:10*cols2: 20 total	44.42379182	0.331333	2473	1443139.66522	510	97
rows:10*cols3: 30 total	50.82610491	0.357503	2579	1395210.16954	3058	105
rows:10*cols4: 40 total	57.22841800	0.38182	2685	1095182.32456	16478	120
rows:10*cols5: 50 total	63.63073110	0.422996	2791	122613.971107	14216	
rows:10*cols6: 60 total	70.03304419	0.432764	2897	823217.244040	35266	
rows:10*cols7: 70 total	76.43535729	0.443595	3003	1106425.97324	23641	
rows:10*cols8: 80 total	82.83767038	0.471454	3109	1084863.49765	23461	
rows:10*cols9: 90 total	89.23998347	0.518148	3215	718184.098733	45113	
rows:10*cols10: 100 total	95.64229657	0.530897	3321	891742.716299	33670	180
rows:20*cols1: 20 total	76.04295745	0.622874	4667	2717341.28858	31341	
rows:20*cols2: 40 total	88.84758364	0.602675	4873	2672782.57405	5302	
rows:20*cols3: 60 total	101.6522098	0.698296	5079	2558771.62740	15206	
rows:20*cols4: 80 total	114.4568360	0.734584	5285	2614106.51449	10583	
rows:20*cols5: 100 total	127.2614622	0.786528	5491	2666318.57731	6414	
rows:30*cols1: 30 total	114.0644361	0.906348	6967	6464140.76144	80	
rows:30*cols2: 60 total	133.2713754	1.01248	7273	6449781.03039	1479	
rows:30*cols3: 90 total	152.4783147	1.16777	7579	6410953.22234	5383	
rows:60*cols1: 60 total	228.1288723	1.72475	13867	13810710.3458	584	
rows:60*cols2: 120 total	266.5427509	1.89881	14473	13659849.0760	16312	640
rows:100*cols10: 1000 total	956.422965		32121			4430

$$cost = rows * 3.8 + rows * cols * 0.6 \text{ (roughly)}$$

