Size: 10x10, Condition Number: 9.239817207480577

threads	n	m	cond_num	rank	outer_tol	outer_maxiters	inner_tol	inner_maxiters	als_error	svdt_error	als_svdt_error	converged_als	als_time	svdt_time
Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
4	10	10	9.23982	3	1.0e-6	25	1.0e-6	25	5.32572	5.32572	0.0376933	false	0.00248083	0.000110208
4	10	10	9.23982	3	1.0e-6	25	1.0e-6	50	5.33093	5.32572	0.969129	false	0.00266871	9.2583e-5
4	10	10	9.23982	3	1.0e-6	25	1.0e-6	75	5.41722	5.32572	4.07565	false	0.00244192	6.4625e-5
4	10	10	9.23982	3	1.0e-6	25	1.0e-6	100	5.33365	5.32572	1.19553	false	0.00233658	6.2333e-5
4	10	10	9.23982	3	1.0e-6	50	1.0e-6	25	5.32573	5.32572	0.0534094	false	0.004472	4.6083e-5
4	10	10	9.23982	3	1.0e-6	50	1.0e-6	50	5.32572	5.32572	0.00200517	false	0.00403583	6.0542e-5
4	10	10	9.23982	3	1.0e-6	50	1.0e-6	75	5.32574	5.32572	0.0640446	false	0.00344983	4.6792e-5
4	10	10	9.23982	3	1.0e-6	50	1.0e-6	100	5.32572	5.32572	0.00130261	false	0.00337721	4.1542e-5
4	10	10	9.23982	3	1.0e-6	75	1.0e-6	25	5.32572	5.32572	0.00112571	false	0.00464925	3.1125e-5
4	10	10	9.23982	3	1.0e-6	75	1.0e-6	50	5.32572	5.32572	0.000384533	false	0.00430758	3.7333e-5
4	10	10	9.23982	3	1.0e-6	75	1.0e-6	75	5.32572	5.32572	0.000783129	false	0.00484787	3.6625e-5
4	10	10	9.23982	3	1.0e-6	75	1.0e-6	100	5.32572	5.32572	0.00392888	false	0.00493579	3.4917e-5
4	10	10	9.23982	3	1.0e-6	100	1.0e-6	25	5.32572	5.32572	1.93693e-5	false	0.00453042	2.9459e-5
4	10	10	9.23982	3	1.0e-6	100	1.0e-6	50	5.32572	5.32572	1.35159e-5	false	0.00482233	3.4166e-5
4	10	10	9.23982	3	1.0e-6	100	1.0e-6	75	5.32572	5.32572	2.56775e-5	false	0.00448554	2.8333e-5
4	10	10	9.23982	3	1.0e-6	100	1.0e-6	100	5.32572	5.32572	1.59132e-5	false	0.0036675	2.2834e-5
4	10	10	9.23982	5	1.0e-6	25	1.0e-6	25	2.92549	2.92549	2.86616e-8	false	0.00101137	2.15e-5
4	10	10	9.23982	5	1.0e-6	25	1.0e-6	50	2.92549	2.92549	1.90556e-7	false	0.00097975	1.9708e-5
4	10	10	9.23982	5	1.0e-6	25	1.0e-6	75	2.92549	2.92549	1.73329e-8	false	0.00104242	2.1042e-5
4	10	10	9.23982	5	1.0e-6	25	1.0e-6	100	2.92549	2.92549	8.86828e-7	false	0.00108667	1.8833e-5
4	10	10	9.23982	5	1.0e-6	50	1.0e-6	25	2.92549	2.92549	7.40483e-12	false	0.00188275	2.2291e-5
4	10	10	9.23982	5	1.0e-6	50	1.0e-6	50	2.92549	2.92549	5.738e-13	false	0.00228108	2.1375e-5
4	10	10	9.23982	5	1.0e-6	50	1.0e-6	75	2.92549	2.92549	3.72392e-12	false	0.00172775	1.6958e-5
4	10	10	9.23982	5	1.0e-6	50	1.0e-6	100	2.92549	2.92549	1.64116e-14	false	0.00164721	2.1959e-5
4	10	10	9.23982	5	1.0e-6	75	1.0e-6	25	2.92549	2.92549	9.25249e-15	false	0.00323975	2.3875e-5
4	10	10	9.23982	5	1.0e-6	75	1.0e-6	50	2.92549	2.92549	2.53136e-12	false	0.00302308	2.1833e-5
4	10	10	9.23982	5	1.0e-6	75	1.0e-6	75	2.92549	2.92549	3.34284e-14	false	0.002665	1.775e-5
4	10	10	9.23982	5	1.0e-6	75	1.0e-6	100	2.92549	2.92549	1.54994e-13	false	0.00253537	1.9375e-5
4	10	10	9.23982	5	1.0e-6	100	1.0e-6	25	2.92549	2.92549	1.58392e-13	false	0.00440025	2.6e-5
4	10	10	9.23982	5	1.0e-6	100	1.0e-6	50	2.92549	2.92549	1.57424e-12	false	0.0040775	2.275e-5
4	10	10	9.23982	5	1.0e-6	100	1.0e-6	75	2.92549	2.92549	3.89448e-11	false	0.00431042	2.3208e-5
4	10	10	9.23982	5	1.0e-6	100	1.0e-6	100	2.92549	2.92549	4.41952e-13	false	0.00334396	1.8875e-5
4	10	10	9.23982	8	1.0e-6	25	1.0e-6	25	1.0449	1.0449	0.00061851	false	0.00105967	2.1125e-5
4	10	10	9.23982	8	1.0e-6	25	1.0e-6	50	1.0449	1.0449	0.00558683	false	0.000918375	1.7416e-5
4	10	10	9.23982	8	1.0e-6	25	1.0e-6	75	1.04501	1.0449	0.0439729	false	0.000987292	2.1667e-5
4	10	10	9.23982	8	1.0e-6	25	1.0e-6	100	1.0449	1.0449	0.00590206	false	0.000969917	1.6917e-5
4	10	10	9.23982	8	1.0e-6	50	1.0e-6	25	1.0449	1.0449	5.12335e-5	false	0.00185404	1.8791e-5
4	10	10	9.23982	8	1.0e-6	50	1.0e-6	50	1.0449	1.0449	0.000107542	false	0.00273787	2.3375e-5
4	10	10	9.23982	8	1.0e-6	50	1.0e-6	75	1.0449	1.0449	0.000101507	false	0.00248283	2.0875e-5
4	10	10	9.23982	8	1.0e-6	50	1.0e-6	100	1.0449	1.0449	3.12893e-5	false	0.00183425	1.9458e-5
4	10	10	9.23982	8	1.0e-6	75	1.0e-6	25	1.0449	1.0449	1.17347e-7	false	0.00277733	2.1334e-5
4	10	10	9.23982	8	1.0e-6	75	1.0e-6	50	1.0449	1.0449	1.29415e-7	false	0.00371646	2.5708e-5
4	10	10	9.23982	8	1.0e-6	75	1.0e-6	75	1.0449	1.0449	1.62535e-7	false	0.00331575	2.1333e-5
4	10	10	9.23982	8	1.0e-6	75	1.0e-6	100	1.0449	1.0449	1.22017e-7	false	0.00277225	1.7792e-5
4	10	10	9.23982	8	1.0e-6	100	1.0e-6	25	1.0449	1.0449	2.74798e-7	false	0.00383138	2.4e-5
4	10	10	9.23982	8	1.0e-6	100	1.0e-6	50	1.0449	1.0449	3.37467e-7	false	0.0044375	2.4958e-5
4	10	10	9.23982	8	1.0e-6	100	1.0e-6	75	1.0449	1.0449	2.08657e-9	false	0.00461671	2.5875e-5
4	10	10	9.23982	8	1.0e-6	100	1.0e-6	100	1.0449	1.0449	3.89699e-9	false	0.00448954	2.3083e-5
4	10	10	9.23982	10	1.0e-6	25	1.0e-6	25	0.0	1.29248e-14	1.29603e-7	true	0.000227416	2.0042e-5
4	10	10	9.23982	10	1.0e-6	25	1.0e-6	50	0.0	1.29248e-14	1.33852e-7	true	0.0002115	1.8917e-5
4	10	10	9.23982	10	1.0e-6	25	1.0e-6	75	0.0	1.29248e-14	4.51329e-7	true	0.000220583	2.0667e-5
4	10	10	9.23982	10	1.0e-6	25	1.0e-6	100	0.0	1.29248e-14	4.10285e-7	true	0.000225208	2.1333e-5
4	10	10	9.23982	10	1.0e-6	50	1.0e-6	25	0.0	1.29248e-14	1.68079e-7	true	0.000327583	2.2875e-5
4	10	10	9.23982	10	1.0e-6	50	1.0e-6	50	0.0	1.29248e-14	2.29731e-7	true	0.000254459	3.1042e-5

threads	n	m	cond_num	rank	outer_tol	outer_maxiters	inner_tol	inner_maxiters	als_error	svdt_error	als_svdt_error	converged_als	als_time	svdt_time
Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
4	10	10	9.23982	10	1.0e-6	50	1.0e-6	75	0.0	1.29248e-14	3.47004e-8	true	0.000203792	2.4375e-5
4	10	10	9.23982	10	1.0e-6	50	1.0e-6	100	0.0	1.29248e-14	2.47225e-8	true	0.000221625	2.1542e-5
4	10	10	9.23982	10	1.0e-6	75	1.0e-6	25	0.0	1.29248e-14	3.83008e-7	true	0.00026425	3.4542e-5
4	10	10	9.23982	10	1.0e-6	75	1.0e-6	50	0.0	1.29248e-14	4.5316e-8	true	0.000347583	0.00010675
4	10	10	9.23982	10	1.0e-6	75	1.0e-6	75	0.0	1.29248e-14	2.66929e-8	true	0.000240708	2.8708e-5
4	10	10	9.23982	10	1.0e-6	75	1.0e-6	100	0.0	1.29248e-14	7.43158e-8	true	0.000267458	2.7167e-5
4	10	10	9.23982	10	1.0e-6	100	1.0e-6	25	0.0	1.29248e-14	1.68946e-7	true	0.0002095	1.8208e-5
4	10	10	9.23982	10	1.0e-6	100	1.0e-6	50	0.0	1.29248e-14	2.61189e-7	true	0.000318417	2.3083e-5
4	10	10	9.23982	10	1.0e-6	100	1.0e-6	75	0.0	1.29248e-14	3.28596e-7	true	0.000274584	3.2875e-5
4	10	10	9.23982	10	1.0e-6	100	1.0e-6	100	0.0	1.29248e-14	6.30927e-8	true	0.000288792	2.7167e-5