Size: 50x50, Condition Number: 143.08538294720853

4 50 50 143.65 13 1.0-6 25 1.0-6 50 30.93 30.922 2.51.17 falso 1.17187 0.57564 4 50 50 143.65 13 1.0-6 25 1.0-6 50 30.93 30.922 2.51.17 falso 0.007302 0.57506 4 50 50 143.65 13 1.0-6 25 1.0-6 75 30.025 30.922 37.1492 falso 0.007302 0.57506 4 50 50 143.65 13 1.0-6 50 1.0-6 50 30.93 30.922 2.19182 falso 0.007302 0.57506 4 50 50 143.65 13 1.0-6 50 1.0-6 50 30.923 30.9222 2.19182 falso 0.001302 0.57506 4 50 50 143.65 13 1.0-6 50 1.0-6 75 30.025 30.9222 0.55833 falso 0.0015000 0.57506 4 50 50 1.0-6 50 1.0-6 50 30.927 30.9222 0.55833 falso 0.015000 0.57506 4 50 50 1.0-6 50 1.0-6 50 30.927 30.9222 0.58833 falso 0.015000 0.57506 4 50 50 1.0-6 50 1.0-6 50 30.927 30.9222 0.58833 falso 0.015000 0.57506 4 50 50 1.0-6 50 1.0-6 50 30.927 30.9222 0.001474 falso 0.015000 0.57506 4 50 50 1.0-6 75 1.0-	threads	n	m	cond_num	rank	$outer_tol$	outer_maxiters	$inner_tol$	inner_maxiters	als_error	$\mathbf{svdt}_{-}\mathbf{error}$	als_svdt_error	converged_als	als_time	$\mathbf{svdt_time}$
4 50 50 143,085 13 1.0-6 25 1.0-6 75 30,020 30,022 3,3936 fab. 0,01201 0,5799 4 50 50 143,085 13 1.0-6 25 1.0-6 75 30,020 30,022 3,1402 fab. 0,00703 0,5799 4 50 50 143,085 13 1.0-6 25 1.0-6 70 1.0-6 70 30,020 30,022 2,1402 fab. 0,00703 0,5799 4 50 50 143,085 13 1.0-6 50 1.0-6 70 30,020 30,022 2,1402 fab. 0,00703 0,5799 4 50 50 143,085 13 1.0-6 50 1.0-6 70 30,020 30,022 4.1745 fab. 0,015525 0,5799 4 50 50 143,085 13 1.0-6 50 1.0-6 70 1.0-6 70 30,020 30,022 4.1745 fab. 0,015525 0,5799 4 50 50 143,085 13 1.0-6 70 1.0-	Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
4 50 50 143,885 13 1 1.0-6 25 1.0-6 75 90,9295 30,9222 1.05010 6abe 0.007079 0.57509 4 50 50 143,885 13 1 1.0-6 50 1.0-6 10 25 1.0-6 10 30,9272 1.05010 6abe 0.007070 6abe	4	50	50	143.085	13	1.0e-6	25	1.0e-6	25	30.9264	30.9222		false	1.17187	0.576969
4 50 50 143.085 13 1.0e-6 25 1.0e-6 100 30.0217 30.9222 1.065.09 false 0.00034306 0.57906 4 50 50 143.085 13 1.0e-6 50 1.0e-6 50 1.0e-6 50 30.0239 30.0222 2.216.05 false 0.015708	4			143.085	13					30.93			false		0.576969
4 50 50 143,085 13 1,0e-6 50 1,e-6 50 1,e-6 50 30,9221 30,9222 1,65291 fabro 0,0155512 0,57999 4 50 50 143,085 13 1,0e-6 50 11,e-6 75 30,9323 30,9222 1,155291 fabro 0,0155512 0,57999 4 50 50 143,085 13 1,0e-6 75 1,0e-6 75 30,9323 30,9222 1,17156 fabro 0,015235 1,0e-6 75 1,0e-6 75 1,0e-6 75 30,0223 30,0222 1,0e-1,0e-1,0e-1,0e-1,0e-1,0e-1,0e-1,0e-	4			143.085	13					30.9295			false		0.576969
4 50 50 143.085 13 1.0-6 50 1.0-6 50 30.9299 30.9292 2.21692 fishe 0.0137088 0.57908 4 50 50 143.085 13 1.0-6 50 1.0-6 150 30.9281 30.9292 0.585833 fishe 0.0156600 0.75008	4														0.576969
4 50 00 143,085 13 1.0e-6 50 1.0e-6 75 30.928 30.9222 1.17465 fisle 0.0155255 0.57690 4 50 00 143,085 13 1.0e-6 75 1.0e-6 25 30.9322 30.93222 0.181647 fisle 0.0125274 0.57690 4 50 00 143,085 13 1.0e-6 75 1.0e-6 25 30.9322 30.93222 0.181647 fisle 0.0125074 0.57690 4 50 00 143,085 13 1.0e-6 775 1.0e-6 75 1.0e-6 100 1.0e-6 10	4			143.085						30.9231			false	0.0155532	0.576969
4 50 50 143,085 13 1.0e-6 77 1.0e-6 20 30,0922 30,0922 0.81647 false 0.015669 0.57790 1 4 50 50 143,085 13 1.0e-6 77 1.0e-6 50 30,0278 30,0922 1.20474 false 0.0191059 0.57600 1 4 50 50 143,085 13 1.0e-6 77 1.0e-6 10 30,0928 30,0922 1.20474 false 0.0191059 0.57600 1 4 50 50 143,085 13 1.0e-6 77 1.0e-6 10 30,0928 30,0922 1.20474 false 0.0191059 0.57600 1 4 50 50 143,085 13 1.0e-6 77 1.0e-6 10 30,0928 30,0922 1.204074 false 0.0191059 0.57600 1 4 50 50 143,085 13 1.0e-6 10 1.0e-6 10 30,0928 30,0922 1.2040 false 0.0191059 0.57600 1 4 50 50 50 143,085 13 1.0e-6 10 1.0e-6 70 30,0938 30,0922 1.2040 false 0.0191059 0.57600 1 4 50 50 50 143,085 13 1.0e-6 10 1.0e-6 70 30,0938 30,0922 1.0e-3045 false 0.0191059 0.57600 1 4 50 50 50 143,085 13 1.0e-6 10 1.0e-6 70 30,0938 30,0922 0.02586 false 0.0261077 0.57600 1 4 50 50 50 143,085 13 1.0e-6 10 1.0e-6 10 30,0938 30,0938 30,0922 0.0358675 false 0.0261077 0.57600 1 4 50 50 50 143,085 13 1.0e-6 25 1.0e-6 25 1.0e-6 25 1.0e-6 10 30,0938 30,0938 30,0922 0.0358675 false 0.046123 0.0036725 4 50 50 50 143,085 25 1.0e-6 25 1.0e-6 50 1.0e-50 1.0e-	4														0.576969
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4 50 50 143.085 13 1.0-6 75 1.0e-6 170 30.9223 30.9222 2.0229 false 0.019387 0.57964 0.5796 4 50 50 143.085 13 1.0-6 100 1.0e-6 25 30.9222 30.9222 2.0229 false 0.019387 0.57964 0.5796 0.57964 0.50 143.085 13 1.0e-6 100 1.0e-6 25 30.9222 30.9222 0.431831 false 0.029360 0.5796 0.57964 0.50 143.085 13 1.0e-6 100 1.0e-6 25 30.9222 30.9222 0.431831 false 0.029360 0.5796 0.579	4														
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4 50 50 143.085 25 1.0e-6 75 1.0e-6 75 16.849 16.849 0.00828293 false 0.0433842 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 25 16.849 16.849 0.00057196 false 0.0433075 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 50 16.849 16.849 0.000242402 false 0.0546621 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 50 16.849 16.849 0.00127886 false 0.055286 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 75 16.849 16.849 0.000242402 false 0.055286 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 100 16.849 16.849 0.000248264 false 0.055286 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 100 16.849 16.849 0.000757305 false 0.055286 0.0 4 50 50 143.085 38 1.0e-6 25 1.0e-6 25 5.71982 5.71986 0.0971222 false 0.0407643 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 50 5.72002 5.71936 0.334167 false 0.055097 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.201745 false 0.0554435 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.201745 false 0.0554435 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 100 5.72131 5.71936 0.201745 false 0.0550970 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 25 5.77194 5.71936 0.201745 false 0.055097307 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 25 5.71936 0.573241 false 0.0501995 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 75 5.71936 5.71936 0.000271 false 0.0558052 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 75 5.71936 5.71936 0.000884893 false 0.0573233 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 75 5.71936 5.71936 0.000884893 false 0.0573235 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.000884893 false 0.0578353 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.00082808 false 0.0578353 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.00082808 false 0.0560896 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.000120797 false 0.069331 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.000120797 false 0.069331 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.000120797 false 0.069331 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.000120797 false 0.0	4														0.00037175
4 50 50 143.085 25 1.0e-6 75 1.0e-6 100 16.849 16.849 0.000597196 false 0.0433075 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 55 16.849 16.849 0.000242402 false 0.0546621 0.0 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 50 16.849 16.849 0.000242402 false 0.055086 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 75 16.849 16.849 0.000248264 false 0.055286 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 100 1.0e-6 100 16.849 16.849 0.000248264 false 0.0570422 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 100 1.0e-6 100 16.849 16.849 0.000757305 false 0.0558807 0.0 4 50 50 143.085 38 1.0e-6 25 1.0e-6 50 5.71982 5.71986 0.097122 false 0.0558807 0.0 4 50 50 143.085 38 1.0e-6 25 1.0e-6 50 5.72002 5.71936 0.097122 false 0.0536079 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.201745 false 0.0536079 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.201745 false 0.056435 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 100 5.72131 5.71936 0.573241 false 0.059435 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.092717 false 0.0591307 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.009271 false 0.0591307 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.009271 false 0.0558052 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.00084893 false 0.0558052 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.00084893 false 0.0558052 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.0038189 false 0.0571145 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.0038189 false 0.057145 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.0038189 false 0.057145 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.0038189 false 0.059130 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.00382808 false 0.059130 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.00382808 false 0.0591684 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.00364559 false 0.0591684 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71	4														0.00037175
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.00037175
4 50 50 143.085 25 1.0e-6 100 1.0e-6 50 16.849 16.849 0.00127886 false 0.055286 0.0 4 50 50 143.085 25 1.0e-6 100 1.0e-6 100 16.849 0.000248264 false 0.0558807 0.0 4 50 50 143.085 25 1.0e-6 100 1.6849 16.849 0.000248264 false 0.0558807 0.0 4 50 50 143.085 38 1.0e-6 25 1.0e-6 50 5.71982 5.71936 0.0971222 false 0.0407643 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.291745 false 0.0536079 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.291745 false 0.	4														0.00037175
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.00037175
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4	50	50	143.085	25		100				16.849		false		0.00037175
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4	50	50	143.085	25	1.0e-6	100		100	16.849	16.849	0.000757305	false	0.0558807	0.00037175
4 50 50 143.085 38 1.0e-6 25 1.0e-6 75 5.71961 5.71936 0.201745 false 0.0554435 0.00 4 50 50 143.085 38 1.0e-6 25 1.0e-6 100 5.72131 5.71936 0.573241 false 0.0601995 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 25 5.77164 5.71936 2.98704 false 0.0597307 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.009271 false 0.0558052 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 75 5.71936 5.71936 0.000684893 false 0.0572353 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 100 5.71937 5.71936	4	50	50	143.085	38	1.0e-6	25	1.0e-6	25	5.71982	5.71936		false	0.0407643	0.000355958
4 50 50 143.085 38 1.0e-6 25 1.0e-6 100 5.72131 5.71936 0.573241 false 0.0601995 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 25 5.77164 5.71936 2.98704 false 0.0597307 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 50 5.71936 5.71936 0.009271 false 0.0558052 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 75 5.71936 5.71936 0.000684893 false 0.0572353 0.00 4 50 50 143.085 38 1.0e-6 50 1.0e-6 100 5.71936 5.71936 0.0283189 false 0.057145 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 25 5.71946 5.71936 0.035151 false 0.0596185 0.00 4 50 50	4	50	50	143.085	38	1.0e-6	25	1.0e-6	50	5.72002	5.71936	0.334167	false	0.0536079	0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4	50	50	143.085	38	1.0e-6	25	1.0e-6	75	5.71961	5.71936	0.201745	false	0.0554435	0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4	50	50		38	1.0e-6	25	1.0e-6	100	5.72131	5.71936	0.573241	false		0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.000355958
4 50 50 143.085 38 1.0e-6 75 1.0e-6 50 5.71936 5.71936 0.000582808 false 0.0810654 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 75 5.71936 5.71936 0.00120797 false 0.0768968 0.00 4 50 50 143.085 38 1.0e-6 75 1.0e-6 100 5.71939 5.71936 0.0644559 false 0.0811604 0.00 4 50 50 143.085 38 1.0e-6 100 1.0e-6 25 5.71943 5.71936 0.0307193 false 0.0693331 0.00 4 50 50 143.085 38 1.0e-6 100 1.0e-6 50 5.71936 5.71936 0.00124684 false 0.0951758 0.00	4		50	143.085		1.0e-6				5.71946	5.71936			0.0596185	0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4														0.000355958
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4		50		38	1.0e-6	75			5.71939	5.71936	0.0644559	false		0.000355958
$4 \qquad 50 \qquad 50 \qquad 143.085 \qquad 38 \qquad 1.0 \text{e-}6 \qquad \qquad 100 \qquad 1.0 \text{e-}6 \qquad \qquad 50 \qquad 5.71936 \qquad 0.00124684 \qquad \qquad \text{false} \qquad 0.0951758 0.00124684 \qquad \qquad 60.00124684 \qquad \qquad 60.0012$	4		50	143.085		1.0e-6	100			5.71943	5.71936	0.0307193	false	0.0693331	0.000355958
	4														0.000355958
4 50 50 143.085 38 1.0e-6 100 1.0e-6 75 5.71936 5.71936 7.46966e-6 false 0.0999337 0.00	4	50	50	143.085	38	1.0e-6	100	1.0e-6	75	5.71936	5.71936	7.46966e-6	false	0.0999337	0.000355958
$4 ext{ } 50 ext{ } 50 ext{ } 143.085 ext{ } 38 ext{ } 1.0 e-6 ext{ } 100 ext{ } 1.0 e-6 ext{ } 100 ext{ } 5.71936 ext{ } 5.71936 ext{ } 9.42497 e-6 ext{ } false ext{ } 0.098975 ext{ } 0.00 ext{ } 0.008975 ext{$	4	50	50	143.085	38	1.0e-6	100	1.0e-6	100	5.71936	5.71936	9.42497e-6	false	0.098975	0.000355958

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	50 50	50 50	143.085	50 50	1.0e-6 1.0e-6	25 25	1.0e-6 1.0e-6	25 50	0.196933 0.107613	1.15522e-13 1.15522e-13	0.196933 0.107613	false	0.0549958 0.0750562	0.000391459 0.000391459
4	50 50	50 50	$143.085 \\ 143.085$	50 50	1.0e-6		1.0e-6	50 75	0.107613	1.15522e-13 1.15522e-13	0.0560179	false	0.0730362	0.000391459 0.000391459
4	50 50	50 50	143.085	50 50	1.0e-6	25 25	1.0e-6	100	0.0360179	1.15522e-13 1.15522e-13	0.0360179	false false	0.0661293	0.000391459
4	50 50	50 50	143.085	50 50	1.0e-6	50	1.0e-6	25	0.109353	1.15522e-13 1.15522e-13	0.109353	false	0.0001293 0.045271	0.000391459
4	50	50 50	143.085	50 50	1.0e-6	50	1.0e-6	50	0.0821951	1.15522e-13 1.15522e-13	0.0821951	false	0.0666692	0.000391459 0.000391459
4	50	50	143.085	50	1.0e-6	50	1.0e-6	75	0.0240649	1.15522e-13	0.0240649	false	0.0842847	0.000331459
4	50	50	143.085	50	1.0e-6	50	1.0e-6	100	0.0181027	1.15522e-13	0.0181027	false	0.0947763	0.000331459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	25	0.154728	1.15522e-13	0.154728	false	0.070449	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	50	0.0613284	1.15522e-13	0.0613284	false	0.102248	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	75	0.0125099	1.15522e-13	0.0125099	false	0.13405	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	100	0.00986782	1.15522e-13	0.00986782	false	0.15426	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	25	0.095626	1.15522e-13	0.095626	false	0.0966669	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	50	0.0630093	1.15522e-13	0.0630093	false	0.137699	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	75	0.0107291	1.15522e-13	0.0107291	false	0.176846	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	100	0.0255253	1.15522e-13	0.0255253	false	0.200511	0.000391459
4	50	50	143.085	13	1.0e-6	25	1.0e-6	25	30.949	30.9222	7.69809	false	1.0433	0.590037
4	50	50	143.085	13	1.0e-6	25	1.0e-6	50	30.9276	30.9222	2.86478	false	0.0207165	0.590037
4	50	50	143.085	13	1.0e-6	25	1.0e-6	75	30.942	30.9222	5.65479	false	0.0235616	0.590037
4	50	50	143.085	13	1.0e-6	25	1.0e-6	100	30.9245	30.9222	2.58681	false	0.00616479	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	25	30.9254	30.9222	3.06526	false	0.0173279	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	50	30.9267	30.9222	3.67108	false	0.0157255	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	75	30.9224	30.9222	0.712783	false	0.0170773	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	100	30.9238	30.9222	2.15048	false	0.0140033	0.590037
4	50	50	143.085	13	1.0e-6	75 75	1.0e-6	25	30.9222	30.9222	0.136203	false	0.0363394	0.590037
4	50	50	143.085	13	1.0e-6	75 75	1.0e-6	50	30.9222	30.9222	0.229818	false	0.0235551	0.590037
4	50	50 50	$143.085 \\ 143.085$	13 13	1.0e-6	75 75	1.0e-6 1.0e-6	75 100	30.9222 30.9223	30.9222 30.9222	0.102757 0.297716	false	0.0215869	0.590037 0.590037
4	50 50	50 50	143.085	13 13	1.0e-6 1.0e-6	75 100	1.0e-6	25	30.9226	30.9222	1.04105	false false	0.0244169 0.0281139	0.590037
4	50 50	50 50	143.085	13	1.0e-6	100	1.0e-6	50	30.9223	30.9222	0.297567	false	0.0261139 0.0262014	0.590037
4	50	50 50	143.085	13	1.0e-6	100	1.0e-6	75	30.9223	30.9222	0.517363	false	0.0262514 0.0262564	0.590037
4	50	50	143.085	13	1.0e-6	100	1.0e-6	100	30.9223	30.9222	0.292779	false	0.0202004	0.590037
4	50	50	143.085	25	1.0e-6	25	1.0e-6	25	16.8793	16.849	4.32973	false	0.0556684	0.000383167
4	50	50	143.085	25	1.0e-6	25	1.0e-6	50	16.8617	16.849	2.89823	false	0.0398203	0.000383167
4	50	50	143.085	25	1.0e-6	25	1.0e-6	75	16.8554	16.849	1.86777	false	0.0356267	0.000383167
4	50	50	143.085	$\frac{-5}{25}$	1.0e-6	25	1.0e-6	100	16.9022	16.849	5.96258	false	0.034711	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	25	16.8497	16.849	0.683865	false	0.0869378	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	50	16.8491	16.849	0.318366	false	0.0295299	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	75	16.849	16.849	0.008054	false	0.0294081	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	100	16.849	16.849	0.0828511	false	0.0291628	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	25	16.849	16.849	0.00576949	false	0.0419995	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	50	16.849	16.849	0.0208289	false	0.043814	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	75	16.849	16.849	0.0334777	false	0.0425142	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	100	16.849	16.849	0.00360793	false	0.0430404	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	25	16.849	16.849	0.00394625	false	0.0712124	
4	50	50	143.085	25	1.0e-6	100	1.0e-6	50	16.849	16.849	0.00353843	false	0.0990256	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	75	16.849	16.849	0.00450574	false	0.0570396	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	100	16.849	16.849	4.89634e-5	false	0.056201	0.000383167
4	50	50	143.085	38	1.0e-6	25	1.0e-6	25	5.72004	5.71936	0.120664	false	0.041437	0.000350667
4	50	50	143.085	38	1.0e-6	25	1.0e-6	50	5.71961	5.71936	0.201875	false	0.0561806	0.000350667
4	50	50	143.085	38	1.0e-6	25	1.0e-6	75	5.71944	5.71936	0.115504	false	0.0567597	0.000350667
4	50	50	143.085	38	1.0e-6	25	1.0e-6	100	5.76587	5.71936	2.81548	false	0.0574357	0.000350667
4	50	50 50	143.085	38	1.0e-6	50 50	1.0e-6	25	5.71972	5.71936	0.0772981	false	0.0557817	0.000350667
4	50 50	50 50	143.085	38	1.0e-6	50 50	1.0e-6	50 75	5.71936	5.71936	0.00222881	false	0.0483483	0.000350667
4	50 50	50 50	$143.085 \\ 143.085$	38	1.0e-6	50 50	1.0e-6 1.0e-6	75 100	5.71936 5.71936	5.71936 5.71936	0.000997044	false	0.0506981	0.000350667 0.000350667
4	50 50	50 50	143.085	$\frac{38}{38}$	1.0e-6 1.0e-6	50 75	1.0e-6	$ \begin{array}{r} 100 \\ 25 \end{array} $	5.71947	5.71936	0.000239393 0.0397768	false false	0.0516368 0.0512637	0.000350667
4	50	50 50	143.085	38	1.0e-6	75 75	1.0e-6	50	5.71947	5.71936	0.00020397	false	0.0312037 0.0730572	0.000350667
4	50	50	149.009	30	1.06-0	19	1.06-0	30	0.11350	0.11300	0.00020331	raise	0.0130312	0.000000001

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	$\mathbf{svdt_time}$
Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
4	50	50	143.085	38	1.0e-6	75	1.0e-6	75	5.71936	5.71936	3.8782e-5	false	0.073775	0.000350667
4	50	50	143.085	38	1.0e-6	75	1.0e-6	100	5.71936	5.71936	1.42434e-5	false	0.0743939	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	25	5.7194	5.71936	0.0223564	false	0.0688128	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	50	5.71936	5.71936	0.00297081	false	0.0936488	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	75	5.71936	5.71936	8.15017e-6	false	0.0956437	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	100	5.71936	5.71936	4.99143e-6	false	0.0961242	0.000350667
4	50	50	143.085	50	1.0e-6	25	1.0e-6	25	0.169466	1.15522e-13	0.169466	false	0.0543689	0.00162975
4	50	50	143.085	50	1.0e-6	25	1.0e-6	50	0.135543	1.15522e-13	0.135543	false	0.0767992	0.00162975
4	50	50	143.085	50	1.0e-6	25	1.0e-6	75	0.0356242	1.15522e-13	0.0356242	false	0.0970982	0.00162975
4	50	50	143.085	50	1.0e-6	25	1.0e-6	100	0.0233372	1.15522e-13	0.0233372	false	0.0622977	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	25	0.105611	1.15522e-13	0.105611	false	0.0477108	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	50	0.0405923	1.15522e-13	0.0405923	false	0.0655193	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	75	0.0315828	1.15522e-13	0.0315828	false	0.0849	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	100	0.0177745	1.15522e-13	0.0177745	false	0.0944518	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	25	0.103394	1.15522e-13	0.103394	false	0.0682373	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	50	0.0905074	1.15522e-13	0.0905074	false	0.0978148	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	75	0.05864	1.15522e-13	0.05864	false	0.1289	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	100	0.012452	1.15522e-13	0.012452	false	0.138366	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	25	0.0983999	1.15522e-13	0.0983999	false	0.090917	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	50	0.0405682	1.15522e-13	0.0405682	false	0.129686	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	75	0.0231564	1.15522e-13	0.0231564	false	0.170614	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	100	0.028934	1.15522e-13	0.028934	false	0.187858	0.00162975