

x_{15}	1.0	$+2.000000x_1 + 3.000000x_2 - 1.000000x_3 - 1.000000x_4 - 1.000000x_5$	$-2.000000x_7 - 1.000000x_8$
x_{16}	11.0	$-1.000000x_1 + 1.000000x_2$	$-1.000000x_4 + 3.000000x_5$
x_{17}	3.0	$+2.000000x_1 - 3.000000x_2 - 3.000000x_3 + 1.000000x_4 - 3.000000x_5 - 1.000000x_6 + 2.000000x_7 - 1.000000x_8 + 3.000000x_9$	
x_{18}	9.0	$-2.000000x_1 - 2.000000x_2 - 1.000000x_3 - 3.000000x_4$	$-2.000000x_6 + 3.000000x_8$
x_{19}	5.0	$-2.000000x_1$	$+1.000000x_3 + 3.000000x_4 - 1.000000x_5 - 3.000000x_6 - 3.000000x_7 - 3.000000x_8 + 3.000000x_9$
x_{20}	6.0	$-1.000000x_1$	$-1.000000x_4 - 2.000000x_5$
x_{21}	14.0	$-2.000000x_1 - 1.000000x_2 + 3.000000x_3$	$+1.000000x_5 + 2.000000x_6 + 2.000000x_7 + 1.000000x_8 + 1.000000x_9$
x_{22}	4.0	$+1.000000x_1 - 3.000000x_2 - 2.000000x_3 + 2.000000x_4 + 2.000000x_5 + 1.000000x_6 - 3.000000x_7 + 3.000000x_8$	
x_{23}	9.0	$+1.000000x_1 - 3.000000x_2 + 2.000000x_3$	$-3.000000x_5 - 3.000000x_6 - 1.000000x_7 + 1.000000x_8 + 1.000000x_9$
x_{24}	10.0	$-1.000000x_2 - 1.000000x_3 - 2.000000x_4 - 1.000000x_5 - 1.000000x_6 + 3.000000x_7 - 1.000000x_8 + 2.000000x_9$	
x_{25}	15.0	$-2.000000x_1 + 3.000000x_2 - 2.000000x_3 - 2.000000x_4 - 2.000000x_5 + 2.000000x_6 - 3.000000x_7 + 3.000000x_8$	
x_{26}	12.0	$-1.000000x_1 + 3.000000x_2 - 2.000000x_3 - 1.000000x_4 + 1.000000x_5 - 1.000000x_6 - 3.000000x_7 + 2.000000x_8 - 2.000000x_9$	
x_{27}	14.0	$-3.000000x_1 + 3.000000x_2 - 1.000000x_3 - 1.000000x_4 - 1.000000x_5 - 2.000000x_6 - 2.000000x_7 - 3.000000x_8 - 3.000000x_9$	
x_{28}	10.0	$-3.000000x_1 + 1.000000x_2 + 1.000000x_3$	$+2.000000x_5 + 1.000000x_6 - 3.000000x_7$
x_{29}	3.0	$+1.000000x_1 + 1.000000x_2 + 1.000000x_3 - 1.000000x_4 + 3.000000x_5 + 2.000000x_6 + 1.000000x_7 - 2.000000x_8 + 2.000000x_9$	
z	0.0	$+1.000000x_2$	$+1.000000x_4 - 1.000000x_6 + 2.000000x_7 + 2.000000x_8 - 1.000000x_9$

No initialization required - Proceed to Optimize.

x_{15}	1.0	$+2.000000x_1 + 3.000000x_2 - 1.000000x_3 - 1.000000x_4 - 1.000000x_5$	$-2.000000x_7 - 1.000000x_8$
x_{16}	11.0	$-1.000000x_1 + 1.000000x_2$	$-1.000000x_4 + 3.000000x_5$
x_{17}	3.0	$+2.000000x_1 - 3.000000x_2 - 3.000000x_3 + 1.000000x_4 - 3.000000x_5 - 1.000000x_6 + 2.000000x_7 - 1.000000x_8 + 3.000000x_9$	
x_{18}	9.0	$-2.000000x_1 - 2.000000x_2 - 1.000000x_3 - 3.000000x_4$	$-2.000000x_6 + 3.000000x_8$
x_{19}	5.0	$-2.000000x_1$	$+1.000000x_3 + 3.000000x_4 - 1.000000x_5 - 3.000000x_6 - 3.000000x_7 - 3.000000x_8 + 3.000000x_9$
x_{20}	6.0	$-1.000000x_1$	$-1.000000x_4 - 2.000000x_5$
x_{21}	14.0	$-2.000000x_1 - 1.000000x_2 + 3.000000x_3$	$+1.000000x_5 + 2.000000x_6 + 2.000000x_7 + 1.000000x_8 + 1.000000x_9$
x_{22}	4.0	$+1.000000x_1 - 3.000000x_2 - 2.000000x_3 + 2.000000x_4 + 2.000000x_5 + 1.000000x_6 - 3.000000x_7 + 3.000000x_8$	
x_{23}	9.0	$+1.000000x_1 - 3.000000x_2 + 2.000000x_3$	$-3.000000x_5 - 3.000000x_6 - 1.000000x_7 + 1.000000x_8 + 1.000000x_9$
x_{24}	10.0	$-1.000000x_2 - 1.000000x_3 - 2.000000x_4 - 1.000000x_5 - 1.000000x_6 + 3.000000x_7 - 1.000000x_8 + 2.000000x_9$	
x_{25}	15.0	$-2.000000x_1 + 3.000000x_2 - 2.000000x_3 - 2.000000x_4 - 2.000000x_5 + 2.000000x_6 - 3.000000x_7 + 3.000000x_8$	
x_{26}	12.0	$-1.000000x_1 + 3.000000x_2 - 2.000000x_3 - 1.000000x_4 + 1.000000x_5 - 1.000000x_6 - 3.000000x_7 + 2.000000x_8 - 2.000000x_9$	
x_{27}	14.0	$-3.000000x_1 + 3.000000x_2 - 1.000000x_3 - 1.000000x_4 - 1.000000x_5 - 2.000000x_6 - 2.000000x_7 - 3.000000x_8 - 3.000000x_9$	
x_{28}	10.0	$-3.000000x_1 + 1.000000x_2 + 1.000000x_3$	$+2.000000x_5 + 1.000000x_6 - 3.000000x_7$
x_{29}	3.0	$+1.000000x_1 + 1.000000x_2 + 1.000000x_3 - 1.000000x_4 + 3.000000x_5 + 2.000000x_6 + 1.000000x_7 - 2.000000x_8 + 2.000000x_9$	
z	0.0	$+1.000000x_2$	$+1.000000x_4 - 1.000000x_6 + 2.000000x_7 + 2.000000x_8 - 1.000000x_9$

x_2 enters and x_{17} leaves

x_{15}	4.0	$+4.000000x_1 - 1.000000x_{17} - 4.000000x_3$	$-4.000000x_5 - 1.000000x_6$	$-2.000000x_8 + 3.000000x_9$
x_{16}	12.0	$-0.333333x_1 - 0.333333x_{17} - 1.000000x_3$	$-0.666667x_4 + 2.000000x_5 - 0.333333x_6$	$-1.333333x_7 - 1.333333x_8 + 1.000000x_9$
x_2	1.0	$+0.666667x_1 - 0.333333x_{17} - 1.000000x_3$	$+0.333333x_4 - 1.000000x_5 - 0.333333x_6$	$+0.666667x_7 - 0.333333x_8 + 1.000000x_9$
x_{18}	7.0	$-3.333333x_1 + 0.666667x_{17} + 1.000000x_3$	$-3.666667x_4 + 2.000000x_5 - 1.333333x_6$	$-1.333333x_7 + 3.666667x_8 - 2.000000x_9$
x_{19}	5.0	$-2.000000x_1$	$+1.000000x_3 + 3.000000x_4 - 1.000000x_5$	$-3.000000x_6 - 3.000000x_7 - 3.000000x_8 + 3.000000x_9$
x_{20}	6.0	$-1.000000x_1$	$-1.000000x_4 - 2.000000x_5$	$-2.000000x_7$
x_{21}	13.0	$-2.666667x_1 + 0.333333x_{17} + 4.000000x_3$	$-0.333333x_4 + 2.000000x_5 + 2.333333x_6$	$+1.333333x_7 + 0.333333x_8$
x_{22}	1.0	$-1.000000x_1 + 1.000000x_{17} + 1.000000x_3$	$+1.000000x_4 + 5.000000x_5 + 2.000000x_6$	$-5.000000x_7 + 4.000000x_8 - 3.000000x_9$
x_{23}	6.0	$-1.000000x_1 + 1.000000x_{17} + 5.000000x_3$	$-1.000000x_4$	$-2.000000x_6 - 3.000000x_7 + 2.000000x_8 - 2.000000x_9$
x_{24}	9.0	$-0.666667x_1 + 0.333333x_{17}$	$-2.333333x_4$	$-0.666667x_6 + 2.333333x_7 - 0.666667x_8 + 1.000000x_9$
x_{25}	18.0	$-1.000000x_{17} - 5.000000x_3$	$-1.000000x_4 - 5.000000x_5 + 1.000000x_6$	$-1.000000x_7 - 1.000000x_8 + 6.000000x_9$
x_{26}	15.0	$+1.000000x_1 - 1.000000x_{17} - 5.000000x_3$	$-2.000000x_5 - 2.000000x_6$	$-1.000000x_7 + 1.000000x_8 + 1.000000x_9$
x_{27}	17.0	$-1.000000x_1 - 1.000000x_{17} - 4.000000x_3$	$-4.000000x_5 - 3.000000x_6$	$-4.000000x_8$
x_{28}	11.0	$-2.333333x_1 - 0.333333x_{17}$	$+0.333333x_4 + 1.000000x_5 + 0.666667x_6$	$-2.333333x_7 - 0.333333x_8 + 1.000000x_9$
x_{29}	4.0	$+1.666667x_1 - 0.333333x_{17}$	$-0.666667x_4 + 2.000000x_5 + 1.666667x_6$	$+1.666667x_7 - 2.333333x_8 + 3.000000x_9$
z	1.0	$+0.666667x_1 - 0.333333x_{17} - 1.000000x_3$	$+1.333333x_4 - 1.000000x_5 - 1.333333x_6$	$+2.666667x_7 + 1.666667x_8$

x_1 enters and x_{22} leaves

x_{15}	8.0	$-4.000000x_{22} + 3.000000x_{17}$	$+4.000000x_4 + 16.000000x_5 + 7.000000x_6$	$-20.000000x_7 + 14.000000x_9$
x_{16}	11.6666666667	$+0.333333x_{22} - 0.666667x_{17} - 1.333333x_3$	$-1.000000x_4 + 0.333333x_5 - 1.000000x_6$	$+0.333333x_7 - 2.000000x_9$
x_2	1.66666666667	$-0.666667x_{22} + 0.333333x_{17} - 0.333333x_3$	$+1.000000x_4 + 2.333333x_5 + 1.000000x_6$	$-2.666667x_7 + 2.000000x_9$
x_{18}	3.66666666667	$+3.333333x_{22} - 2.666667x_{17} - 2.333333x_3$	$-7.000000x_4 - 14.666667x_5 - 8.000000x_6$	$+15.333333x_7 - 9.000000x_9$
x_{19}	3.0	$+2.000000x_{22} - 2.000000x_{17} - 1.000000x_3$	$+1.000000x_4 - 11.000000x_5 - 7.000000x_6$	$+7.000000x_7 - 11.000000x_9$
x_{20}	5.0	$+1.000000x_{22} - 1.000000x_{17} - 1.000000x_3$	$-2.000000x_4 - 7.000000x_5 - 2.000000x_6$	$+3.000000x_7 - 4.000000x_9$
x_{21}	10.3333333333	$+2.666667x_{22} - 2.333333x_{17} + 1.333333x_3$	$-3.000000x_4 - 11.333333x_5 - 3.000000x_6$	$+14.666667x_7 - 10.000000x_9$
x_1	1.0	$-1.000000x_{22} + 1.000000x_{17} + 1.000000x_3$	$+1.000000x_4 + 5.000000x_5 + 2.000000x_6$	$-5.000000x_7 + 4.000000x_9$
x_{23}	5.0	$+1.000000x_{22}$	$+4.000000x_3 - 2.000000x_4 - 5.000000x_5$	$-4.000000x_6 + 2.000000x_7 - 2.000000x_9$
x_{24}	8.33333333333	$+0.666667x_{22} - 0.333333x_{17} - 0.666667x_3$	$-3.000000x_4 - 3.333333x_5 - 2.000000x_6$	$+5.666667x_7 - 3.000000x_9$
x_{25}	18.0	$-1.000000x_{17} - 5.000000x_3$	$-1.000000x_4 - 5.000000x_5 + 1.000000x_6$	$-1.000000x_7 - 1.000000x_8 + 6.000000x_9$
x_{26}	16.0	$-1.000000x_{22}$	$-4.000000x_3 + 1.000000x_4 + 3.000000x_5$	$-6.000000x_7 + 5.000000x_9$
x_{27}	16.0	$+1.000000x_{22} - 2.000000x_{17} - 5.000000x_3$	$-1.000000x_4 - 9.000000x_5 - 5.000000x_6$	$+5.000000x_7 - 8.000000x_9$
x_{28}	8.66666666667	$+2.333333x_{22} - 2.666667x_{17} - 2.333333x_3$	$-2.000000x_4 - 10.666667x_5 - 4.000000x_6$	$+9.333333x_7 - 9.000000x_9$
x_{29}	5.66666666667	$-1.666667x_{22} + 1.333333x_{17} + 1.666667x_3$	$+1.000000x_4 + 10.333333x_5 + 5.000000x_6$	$-6.666667x_7 + 4.000000x_9$
z	1.66666666667	$-0.666667x_{22} + 0.333333x_{17} - 0.333333x_3$	$+2.000000x_4 + 2.333333x_5$	$-0.666667x_7 + 4.000000x_9$

x_4 enters and x_{18} leaves

x_{15}	10.0952380952	$-2.095238x_{22} + 1.476190x_{17} - 1.333333x_3 - 0.571429x_{18} + 7.619048x_5 + 2.428571x_6 - 11.238095x_7 + 8.571429x_8$
x_{16}	11.1428571429	$-0.142857x_{22} - 0.285714x_{17} - 1.000000x_3 + 0.142857x_{18} + 2.428571x_5 + 0.142857x_6 - 1.857143x_7 - 1.857143x_8$
x_2	2.19047619048	$-0.190476x_{22} - 0.047619x_{17} - 0.666667x_3 - 0.142857x_{18} + 0.238095x_5 - 0.142857x_6 - 0.476190x_7 + 0.476190x_8$
x_4	0.52380952381	$+0.476190x_{22} - 0.380952x_{17} - 0.333333x_3 - 0.142857x_{18} - 2.095238x_5 - 1.142857x_6 + 2.190476x_7 - 1.190476x_8$
x_{19}	3.52380952381	$+2.476190x_{22} - 2.380952x_{17} - 1.333333x_3 - 0.142857x_{18} - 13.095238x_5 - 8.142857x_6 + 9.190476x_7 - 11.190476x_8$
x_{20}	3.95238095238	$+0.047619x_{22} - 0.238095x_{17} - 0.333333x_3 + 0.285714x_{18} - 2.809524x_5 + 0.285714x_6 - 1.380952x_7 - 1.380952x_8$
x_{21}	8.7619047619	$+1.238095x_{22} - 1.190476x_{17} + 2.333333x_3 + 0.428571x_{18} - 5.047619x_5 + 0.428571x_6 + 8.095238x_7 - 6.095238x_8$
x_1	1.52380952381	$-0.523810x_{22} + 0.619048x_{17} + 0.666667x_3 - 0.142857x_{18} + 2.904762x_5 + 0.857143x_6 - 2.809524x_7 + 2.809524x_8$
x_{23}	3.95238095238	$+0.047619x_{22} + 0.761905x_{17} + 4.666667x_3 + 0.285714x_{18} - 0.809524x_5 - 1.714286x_6 - 2.380952x_7 + 0.380952x_8$
x_{24}	6.7619047619	$-0.761905x_{22} + 0.809524x_{17} + 0.333333x_3 + 0.428571x_{18} + 2.952381x_5 + 1.428571x_6 - 0.904762x_7 + 0.904762x_8$
x_{25}	17.4761904762	$-0.476190x_{22} - 0.619048x_{17} - 4.666667x_3 + 0.142857x_{18} - 2.904762x_5 + 2.142857x_6 - 3.190476x_7 + 0.190476x_8$
x_{26}	16.5238095238	$-0.523810x_{22} - 0.380952x_{17} - 4.333333x_3 - 0.142857x_{18} + 0.904762x_5 - 1.142857x_6 - 3.809524x_7 + 3.809524x_8$
x_{27}	15.4761904762	$+0.523810x_{22} - 1.619048x_{17} - 4.666667x_3 + 0.142857x_{18} - 6.904762x_5 - 3.857143x_6 + 2.809524x_7 - 6.857143x_8$
x_{28}	7.61904761905	$+1.380952x_{22} - 1.904762x_{17} - 1.666667x_3 + 0.285714x_{18} - 6.476190x_5 - 1.714286x_6 + 4.952381x_7 - 6.452381x_8$
x_{29}	6.19047619048	$-1.190476x_{22} + 0.952381x_{17} + 1.333333x_3 - 0.142857x_{18} + 8.238095x_5 + 3.857143x_6 - 4.476190x_7 + 2.476190x_8$
z	2.71428571429	$+0.285714x_{22} - 0.428571x_{17} - 1.000000x_3 - 0.285714x_{18} - 1.857143x_5 - 2.285714x_6 + 3.714286x_7 + 1.714286x_8$

x_7 enters and x_1 leaves

x_{15}	4.0	$-1.000000x_{17} - 4.000000x_3 - 4.000000x_5 - 1.000000x_6 + 4.000000x_1 - 2.000000x_8$
x_{16}	10.1355932203	$+0.203390x_{22} - 0.694915x_{17} - 1.440678x_3 + 0.237288x_{18} + 0.508475x_5 - 0.423729x_6 + 0.661017x_1 - 3.000000x_8$
x_2	1.93220338983	$-0.101695x_{22} - 0.152542x_{17} - 0.779661x_3 - 0.118644x_{18} - 0.254237x_5 - 0.288136x_6 + 0.169492x_1 + 0.500000x_8$
x_4	1.71186440678	$+0.067797x_{22} + 0.101695x_{17} + 0.186441x_3 - 0.254237x_{18} + 0.169492x_5 - 0.474576x_6 - 0.779661x_1 + 0.600000x_8$
x_{19}	8.50847457627	$+0.762712x_{22} - 0.355932x_{17} + 0.847458x_3 - 0.610169x_{18} - 3.593220x_5 - 5.338983x_6 - 3.271186x_1 - 3.800000x_8$
x_{20}	3.20338983051	$+0.305085x_{22} - 0.542373x_{17} - 0.661017x_3 + 0.355932x_{18} - 4.237288x_5 - 0.135593x_6 + 0.491525x_1 - 2.500000x_8$
x_{21}	13.1525423729	$-0.271186x_{22} + 0.593220x_{17} + 4.254237x_3 + 0.016949x_{18} + 3.322034x_5 + 2.898305x_6 - 2.881356x_1 + 1.300000x_8$
x_7	0.542372881356	$-0.186441x_{22} + 0.220339x_{17} + 0.237288x_3 - 0.050847x_{18} + 1.033898x_5 + 0.305085x_6 - 0.355932x_1 + 0.900000x_8$
x_{23}	2.66101694915	$+0.491525x_{22} + 0.237288x_{17} + 4.101695x_3 + 0.406780x_{18} - 3.271186x_5 - 2.440678x_6 + 0.847458x_1 - 1.400000x_8$
x_{24}	6.27118644068	$-0.593220x_{22} + 0.610169x_{17} + 0.118644x_3 + 0.474576x_{18} + 2.016949x_5 + 1.152542x_6 + 0.322034x_1 - 0.600000x_8$
x_{25}	15.7457627119	$+0.118644x_{22} - 1.322034x_{17} - 5.423729x_3 + 0.305085x_{18} - 6.203390x_5 + 1.169492x_6 + 1.135593x_1 - 2.500000x_8$
x_{26}	14.4576271186	$+0.186441x_{22} - 1.220339x_{17} - 5.237288x_3 + 0.050847x_{18} - 3.033898x_5 - 2.305085x_6 + 1.355932x_1 + 0.600000x_8$
x_{27}	17.0	$-1.000000x_{17} - 4.000000x_3 - 4.000000x_5 - 3.000000x_6 - 1.000000x_1 - 4.000000x_8$
x_{28}	10.3050847458	$+0.457627x_{22} - 0.813559x_{17} - 0.491525x_3 + 0.033898x_{18} - 1.355932x_5 - 0.203390x_6 - 1.762712x_1 - 2.200000x_8$
x_{29}	3.76271186441	$-0.355932x_{22} - 0.033898x_{17} + 0.271186x_3 + 0.084746x_{18} + 3.610169x_5 + 2.491525x_6 + 1.593220x_1 - 1.200000x_8$
z	4.72881355932	$-0.406780x_{22} + 0.389831x_{17} - 0.118644x_3 - 0.474576x_{18} + 1.983051x_5 - 1.152542x_6 - 1.322034x_1 + 5.000000x_8$

x_5 enters and x_{20} leaves

x_{15}	0.976	$-0.288000x_{22} - 0.488000x_{17} - 3.376000x_3 - 0.336000x_{18} + 0.944000x_{20} - 0.872000x_6 + 3.536000x_1 + 0.384000x_8$
x_{16}	10.52	$+0.240000x_{22} - 0.760000x_{17} - 1.520000x_3 + 0.280000x_{18} - 0.120000x_{20} - 0.440000x_6 + 0.720000x_1 - 3.320000x_8$
x_2	1.74	$-0.120000x_{22} - 0.120000x_{17} - 0.740000x_3 - 0.140000x_{18} + 0.060000x_{20} - 0.280000x_6 + 0.140000x_1 + 0.660000x_8$
x_4	1.84	$+0.080000x_{22} + 0.080000x_{17} + 0.160000x_3 - 0.240000x_{18} - 0.040000x_{20} - 0.480000x_6 - 0.760000x_1 + 0.560000x_8$
x_{19}	5.792	$+0.504000x_{22} + 0.104000x_{17} + 1.408000x_3 - 0.912000x_{18} + 0.848000x_{20} - 5.224000x_6 - 3.688000x_1 - 1.672000x_8$
x_5	0.756	$+0.072000x_{22} - 0.128000x_{17} - 0.156000x_3 + 0.084000x_{18} - 0.236000x_{20} - 0.032000x_6 + 0.116000x_1 - 0.596000x_8$
x_{21}	15.664	$-0.032000x_{22} + 0.168000x_{17} + 3.736000x_3 + 0.296000x_{18} - 0.784000x_{20} + 2.792000x_6 - 2.496000x_1 - 0.624000x_8$
x_7	1.324	$-0.112000x_{22} + 0.088000x_{17} + 0.076000x_3 + 0.036000x_{18} - 0.244000x_{20} + 0.272000x_6 - 0.236000x_1 + 0.316000x_8$
x_{23}	0.188	$+0.256000x_{22} + 0.656000x_{17} + 4.612000x_3 + 0.132000x_{18} + 0.772000x_{20} - 2.336000x_6 + 0.468000x_1 + 0.492000x_8$
x_{24}	7.796	$-0.448000x_{22} + 0.352000x_{17} - 0.196000x_3 + 0.644000x_{18} - 0.476000x_{20} + 1.088000x_6 + 0.556000x_1 - 1.236000x_8$
x_{25}	11.056	$-0.328000x_{22} - 0.528000x_{17} - 4.456000x_3 - 0.216000x_{18} + 1.464000x_{20} + 1.368000x_6 + 0.416000x_1 + 1.104000x_8$
x_{26}	12.164	$-0.032000x_{22} - 0.832000x_{17} - 4.764000x_3 - 0.204000x_{18} + 0.716000x_{20} - 2.208000x_6 + 1.004000x_1 + 1.876000x_8$
x_{27}	13.976	$-0.288000x_{22} - 0.488000x_{17} - 3.376000x_3 - 0.336000x_{18} + 0.944000x_{20} - 2.872000x_6 - 1.464000x_1 - 1.616000x_8$
x_{28}	9.28	$+0.360000x_{22} - 0.640000x_{17} - 0.280000x_3 - 0.080000x_{18} + 0.320000x_{20} - 0.160000x_6 - 1.920000x_1 - 1.480000x_8$
x_{29}	6.492	$-0.096000x_{22} - 0.496000x_{17} - 0.292000x_3 + 0.388000x_{18} - 0.852000x_{20} + 2.376000x_6 + 2.012000x_1 - 3.372000x_8$
z	6.228	$-0.264000x_{22} + 0.136000x_{17} - 0.428000x_3 - 0.308000x_{18} - 0.468000x_{20} - 1.216000x_6 - 1.092000x_1 + 3.852000x_8$

x_8 enters and x_5 leaves

x_{15}	1.46308724832	$-0.241611x_{22} - 0.570470x_{17} - 3.476510x_3 - 0.281879x_{18} + 0.791946x_{20} - 0.892617x_6 + 3.610738x_1 - 0.610738x_8$
x_{16}	6.30872483221	$-0.161074x_{22} - 0.046980x_{17} - 0.651007x_3 - 0.187919x_{18} + 1.194631x_{20} - 0.261745x_6 + 0.073826x_1 + 5.610738x_8$
x_2	2.57718120805	$-0.040268x_{22} - 0.261745x_{17} - 0.912752x_3 - 0.046980x_{18} - 0.201342x_{20} - 0.315436x_6 + 0.268456x_1 - 1.610738x_8$
x_4	2.55033557047	$+0.147651x_{22} - 0.040268x_{17} + 0.013423x_3 - 0.161074x_{18} - 0.261745x_{20} - 0.510067x_6 - 0.651007x_1 - 0.610738x_8$
x_{19}	3.6711409396	$+0.302013x_{22} + 0.463087x_{17} + 1.845638x_3 - 1.147651x_{18} + 1.510067x_{20} - 5.134228x_6 - 4.013423x_1 + 2.610738x_8$
x_8	1.26845637584	$+0.120805x_{22} - 0.214765x_{17} - 0.261745x_3 + 0.140940x_{18} - 0.395973x_{20} - 0.053691x_6 + 0.194631x_1 - 1.610738x_8$
x_{21}	14.8724832215	$-0.107383x_{22} + 0.302013x_{17} + 3.899329x_3 + 0.208054x_{18} - 0.536913x_{20} + 2.825503x_6 - 2.617450x_1 + 1.610738x_8$
x_7	1.72483221477	$-0.073826x_{22} + 0.020134x_{17} - 0.006711x_3 + 0.080537x_{18} - 0.369128x_{20} + 0.255034x_6 - 0.174497x_1 - 0.610738x_8$
x_{23}	0.812080536913	$+0.315436x_{22} + 0.550336x_{17} + 4.483221x_3 + 0.201342x_{18} + 0.577181x_{20} - 2.362416x_6 + 0.563758x_1 - 0.610738x_8$
x_{24}	6.22818791946	$-0.597315x_{22} + 0.617450x_{17} + 0.127517x_3 + 0.469799x_{18} + 0.013423x_{20} + 1.154362x_6 + 0.315436x_1 + 2.610738x_8$
x_{25}	12.4563758389	$-0.194631x_{22} - 0.765101x_{17} - 4.744966x_3 - 0.060403x_{18} + 1.026846x_{20} + 1.308725x_6 + 0.630872x_1 - 1.610738x_8$
x_{26}	14.5436241611	$+0.194631x_{22} - 1.234899x_{17} - 5.255034x_3 + 0.060403x_{18} - 0.026846x_{20} - 2.308725x_6 + 1.369128x_1 - 3.610738x_8$
x_{27}	11.9261744966	$-0.483221x_{22} - 0.140940x_{17} - 2.953020x_3 - 0.563758x_{18} + 1.583893x_{20} - 2.785235x_6 - 1.778523x_1 + 2.610738x_8$
x_{28}	7.40268456376	$+0.181208x_{22} - 0.322148x_{17} + 0.107383x_3 - 0.288591x_{18} + 0.906040x_{20} - 0.080537x_6 - 2.208054x_1 + 2.610738x_8$
x_{29}	2.21476510067	$-0.503356x_{22} + 0.228188x_{17} + 0.590604x_3 - 0.087248x_{18} + 0.483221x_{20} + 2.557047x_6 + 1.355705x_1 + 5.610738x_8$
z	11.1140939597	$+0.201342x_{22} - 0.691275x_{17} - 1.436242x_3 + 0.234899x_{18} - 1.993289x_{20} - 1.422819x_6 - 0.342282x_1 - 6.610738x_8$

x_9 enters and x_{23} leaves

x_{15}	2.07103825137	$-0.005464x_{22}$	$-0.158470x_{17}$	$-0.120219x_3$	$-0.131148x_{18}$	$+1.224044x_{20}$	$-2.661202x_6$	$+4.032787x_1$	$-1.000000x_{19}$
x_{16}	5.61202185792	$-0.431694x_{22}$	$-0.519126x_{17}$	$-4.497268x_3$	$-0.360656x_{18}$	$+0.699454x_{20}$	$+1.765027x_6$	$-0.409836x_1$	$+0.000000x_{19}$
x_2	3.22950819672	$+0.213115x_{22}$	$+0.180328x_{17}$	$+2.688525x_3$	$+0.114754x_{18}$	$+0.262295x_{20}$	$-2.213115x_6$	$+0.721311x_1$	$-1.000000x_{19}$
x_4	2.80327868852	$+0.245902x_{22}$	$+0.131148x_{17}$	$+1.409836x_3$	$-0.098361x_{18}$	$-0.081967x_{20}$	$-1.245902x_6$	$-0.475410x_1$	$+1.000000x_{19}$
x_{19}	3.73770491803	$+0.327869x_{22}$	$+0.508197x_{17}$	$+2.213115x_3$	$-1.131148x_{18}$	$+1.557377x_{20}$	$-5.327869x_6$	$-3.967213x_1$	$+2.000000x_{19}$
x_8	1.95628415301	$+0.387978x_{22}$	$+0.251366x_{17}$	$+3.535519x_3$	$+0.311475x_{18}$	$+0.092896x_{20}$	$-2.054645x_6$	$+0.672131x_1$	$-2.000000x_{19}$
x_{21}	15.2896174863	$+0.054645x_{22}$	$+0.584699x_{17}$	$+6.202186x_3$	$+0.311475x_{18}$	$-0.240437x_{20}$	$+1.612022x_6$	$-2.327869x_1$	$+0.000000x_{19}$
x_7	1.92896174863	$+0.005464x_{22}$	$+0.158470x_{17}$	$+1.120219x_3$	$+0.131148x_{18}$	$-0.224044x_{20}$	$-0.338798x_6$	$-0.032787x_1$	$-0.000000x_{19}$
x_9	0.661202185792	$+0.256831x_{22}$	$+0.448087x_{17}$	$+3.650273x_3$	$+0.163934x_{18}$	$+0.469945x_{20}$	$-1.923497x_6$	$+0.459016x_1$	$-0.000000x_{19}$
x_{24}	6.31693989071	$-0.562842x_{22}$	$+0.677596x_{17}$	$+0.617486x_3$	$+0.491803x_{18}$	$+0.076503x_{20}$	$+0.896175x_6$	$+0.377049x_1$	$+1.000000x_{19}$
x_{25}	15.2786885246	$+0.901639x_{22}$	$+1.147541x_{17}$	$+10.836066x_3$	$+0.639344x_{18}$	$+3.032787x_{20}$	$-6.901639x_6$	$+2.590164x_1$	$-4.000000x_{19}$
x_{26}	15.6885245902	$+0.639344x_{22}$	$-0.459016x_{17}$	$+1.065574x_3$	$+0.344262x_{18}$	$+0.786885x_{20}$	$-5.639344x_6$	$+2.163934x_1$	$-4.000000x_{19}$
x_{27}	9.17486338798	$-1.551913x_{22}$	$-2.005464x_{17}$	$-18.142077x_3$	$-1.245902x_{18}$	$-0.371585x_{20}$	$+5.218579x_6$	$-3.688525x_1$	$+5.000000x_{19}$
x_{28}	7.44262295082	$+0.196721x_{22}$	$-0.295082x_{17}$	$+0.327869x_3$	$-0.278689x_{18}$	$+0.934426x_{20}$	$-0.196721x_6$	$-2.180328x_1$	$+2.000000x_{19}$
x_{29}	2.7650273224	$-0.289617x_{22}$	$+0.601093x_{17}$	$+3.628415x_3$	$+0.049180x_{18}$	$+0.874317x_{20}$	$+0.956284x_6$	$+1.737705x_1$	$+5.000000x_{19}$
z	13.1420765027	$+0.989071x_{22}$	$+0.683060x_{17}$	$+9.759563x_3$	$+0.737705x_{18}$	$-0.551913x_{20}$	$-7.322404x_6$	$+1.065574x_1$	$-8.000000x_{19}$

x_1 enters and x_{19} leaves

x_{15}	5.87052341598	$+0.327824x_{22}$	$+0.358127x_{17}$	$+2.129477x_3$	$-1.280992x_{18}$	$+2.807163x_{20}$	$-8.077135x_6$	$-1.016529x_{19}$	$+0.000000x_1$
x_{16}	5.2258953168	$-0.465565x_{22}$	$-0.571625x_{17}$	$-4.725895x_3$	$-0.243802x_{18}$	$+0.538567x_{20}$	$+2.315427x_6$	$+0.103306x_{19}$	$+0.000000x_1$
x_2	3.90909090909	$+0.272727x_{22}$	$+0.272727x_{17}$	$+3.090909x_3$	$-0.090909x_{18}$	$+0.545455x_{20}$	$-3.181818x_6$	$-0.181818x_{19}$	$+0.000000x_1$
x_4	2.35537190083	$+0.206612x_{22}$	$+0.070248x_{17}$	$+1.144628x_3$	$+0.037190x_{18}$	$-0.268595x_{20}$	$-0.607438x_6$	$+0.119835x_{19}$	$+0.000000x_1$
x_1	0.942148760331	$+0.082645x_{22}$	$+0.128099x_{17}$	$+0.557851x_3$	$-0.285124x_{18}$	$+0.392562x_{20}$	$-1.342975x_6$	$-0.252066x_{19}$	$+0.000000x_1$
x_8	2.58953168044	$+0.443526x_{22}$	$+0.337466x_{17}$	$+3.910468x_3$	$+0.119835x_{18}$	$+0.356749x_{20}$	$-2.957300x_6$	$-0.169421x_{19}$	$+0.000000x_1$
x_{21}	13.0964187328	$-0.137741x_{22}$	$+0.286501x_{17}$	$+4.903581x_3$	$+0.975207x_{18}$	$-1.154270x_{20}$	$+4.738292x_6$	$+0.586777x_{19}$	$+0.000000x_1$
x_7	1.89807162534	$+0.002755x_{22}$	$+0.154270x_{17}$	$+1.101928x_3$	$+0.140496x_{18}$	$-0.236915x_{20}$	$-0.294766x_6$	$+0.008264x_{19}$	$+0.000000x_1$
x_9	1.09366391185	$+0.294766x_{22}$	$+0.506887x_{17}$	$+3.906336x_3$	$+0.033058x_{18}$	$+0.650138x_{20}$	$-2.539945x_6$	$-0.115702x_{19}$	$+0.000000x_1$
x_{24}	6.67217630854	$-0.531680x_{22}$	$+0.725895x_{17}$	$+0.827824x_3$	$+0.384298x_{18}$	$+0.224518x_{20}$	$+0.389807x_6$	$-0.095041x_{19}$	$+0.000000x_1$
x_{25}	17.7190082645	$+1.115702x_{22}$	$+1.479339x_{17}$	$+12.280992x_3$	$-0.099174x_{18}$	$+4.049587x_{20}$	$-10.380165x_6$	$-0.652893x_{19}$	$+0.000000x_1$
x_{26}	17.7272727273	$+0.818182x_{22}$	$-0.181818x_{17}$	$+2.272727x_3$	$-0.272727x_{18}$	$+1.636364x_{20}$	$-8.545455x_6$	$-0.545455x_{19}$	$+0.000000x_1$
x_{27}	5.69972451791	$-1.856749x_{22}$	$-2.477961x_{17}$	$-20.199725x_3$	$-0.194215x_{18}$	$-1.819559x_{20}$	$+10.172176x_6$	$+0.929752x_{19}$	$+0.000000x_1$
x_{28}	5.38842975207	$+0.016529x_{22}$	$-0.574380x_{17}$	$-0.888430x_3$	$+0.342975x_{18}$	$+0.078512x_{20}$	$+2.731405x_6$	$+0.549587x_{19}$	$+0.000000x_1$
x_{29}	4.40220385675	$-0.146006x_{22}$	$+0.823691x_{17}$	$+4.597796x_3$	$-0.446281x_{18}$	$+1.556474x_{20}$	$-1.377410x_6$	$-0.438017x_{19}$	$+0.000000x_1$
z	14.1460055096	$+1.077135x_{22}$	$+0.819559x_{17}$	$+10.353994x_3$	$+0.433884x_{18}$	$-0.133609x_{20}$	$-8.753444x_6$	$-0.268595x_{19}$	$+0.000000x_1$

x_3 enters and x_{27} leaves

x_{15}	6.47139447665	$+0.132083x_{22} + 0.096897x_{17} - 0.105421x_{27} - 1.301466x_{18} + 2.615343x_{20} - 7.004773x_6 - 0.918513x_{19} + 1$
x_{16}	3.89239686328	$-0.031163x_{22} + 0.008115x_{17} + 0.233958x_{27} - 0.198363x_{18} + 0.964269x_{20} - 0.064439x_6 - 0.114218x_{19} + 5$
x_2	4.78124786908	$-0.011388x_{22} - 0.106444x_{17} - 0.153017x_{27} - 0.120627x_{18} + 0.267030x_{20} - 1.625298x_6 - 0.039550x_{19} - 0$
x_4	2.67834981248	$+0.101398x_{22} - 0.070167x_{17} - 0.056666x_{27} + 0.026185x_{18} - 0.371701x_{20} - 0.031026x_6 + 0.172520x_{19} - 1$
x_1	1.09955676781	$+0.031367x_{22} + 0.059666x_{17} - 0.027617x_{27} - 0.290488x_{18} + 0.342312x_{20} - 1.062053x_6 - 0.226389x_{19} + 0$
x_8	3.69294237982	$+0.084078x_{22} - 0.142243x_{17} - 0.193590x_{27} + 0.082237x_{18} + 0.004501x_{20} - 0.988067x_6 + 0.010569x_{19} - 1$
x_{21}	14.4800545517	$-0.588476x_{22} - 0.315036x_{17} - 0.242755x_{27} + 0.928060x_{18} - 1.595977x_{20} + 7.207637x_6 + 0.812479x_{19} - 0$
x_7	2.20900102284	$-0.098534x_{22} + 0.019093x_{17} - 0.054552x_{27} + 0.129901x_{18} - 0.336175x_{20} + 0.260143x_6 + 0.058984x_{19} - 0$
x_9	2.19590862598	$-0.064303x_{22} + 0.027685x_{17} - 0.193386x_{27} - 0.004501x_{18} + 0.298261x_{20} - 0.572792x_6 + 0.064098x_{19} + 0$
x_{24}	6.90576201841	$-0.607774x_{22} + 0.624344x_{17} - 0.040982x_{27} + 0.376338x_{18} + 0.149949x_{20} + 0.806683x_6 - 0.056938x_{19} + 2$
x_{25}	21.1843163996	$-0.013161x_{22} - 0.027208x_{17} - 0.607978x_{27} - 0.217252x_{18} + 2.943334x_{20} - 4.195704x_6 - 0.087624x_{19} - 1$
x_{26}	18.3685646096	$+0.609274x_{22} - 0.460621x_{17} - 0.112513x_{27} - 0.294579x_{18} + 1.431640x_{20} - 7.400955x_6 - 0.440846x_{19} - 2$
x_3	0.28216842823	$-0.091920x_{22} - 0.122673x_{17} - 0.049506x_{27} - 0.009615x_{18} - 0.090078x_{20} + 0.503580x_6 + 0.046028x_{19} + 0$
x_{28}	5.13774292533	$+0.098193x_{22} - 0.465394x_{17} + 0.043982x_{27} + 0.351517x_{18} + 0.158541x_{20} + 2.284010x_6 + 0.508694x_{19} + 0$
x_{29}	5.69955676781	$-0.568633x_{22} + 0.259666x_{17} - 0.227617x_{27} - 0.490488x_{18} + 1.142312x_{20} + 0.937947x_6 - 0.226389x_{19} + 6$
z	17.0675758609	$+0.125401x_{22} - 0.450597x_{17} - 0.512581x_{27} + 0.334333x_{18} - 1.066280x_{20} - 3.539379x_6 + 0.207978x_{19} - 6$

x_{10} enters and x_3 leaves

x_{15}	17.2497785651	$-3.379097x_{22} - 4.589017x_{17} - 1.996457x_{27} - 1.668733x_{18} - 0.825509x_{20} + 12.231178x_6 + 0.839681x_{19} - 1$
x_{16}	4.04960141718	$-0.082374x_{22} - 0.060230x_{17} + 0.206377x_{27} - 0.203720x_{18} + 0.914083x_{20} + 0.216120x_6 - 0.088574x_{19} - 5$
x_2	6.90788308237	$-0.704163x_{22} - 1.031001x_{17} - 0.526129x_{27} - 0.193091x_{18} - 0.411869x_{20} + 2.170062x_6 + 0.307352x_{19} - 0$
x_4	2.62798937112	$+0.117803x_{22} - 0.048273x_{17} - 0.047830x_{27} + 0.027901x_{18} - 0.355624x_{20} - 0.120903x_6 + 0.164305x_{19} - 1$
x_1	1.60097431355	$-0.131975x_{22} - 0.158326x_{17} - 0.115589x_{27} - 0.307573x_{18} + 0.182241x_{20} - 0.167183x_6 - 0.144597x_{19} - 1$
x_8	4.99512843224	$-0.340124x_{22} - 0.708370x_{17} - 0.422055x_{27} + 0.037865x_{18} - 0.411205x_{20} + 1.335917x_6 + 0.222985x_{19} - 1$
x_{21}	13.2201062888	$-0.178034x_{22} + 0.232728x_{17} - 0.021701x_{27} + 0.970992x_{18} - 1.193756x_{20} + 4.959035x_6 + 0.606953x_{19} - 0$
x_7	1.40079716563	$+0.164748x_{22} + 0.370461x_{17} + 0.087245x_{27} + 0.157440x_{18} - 0.078167x_{20} - 1.182241x_6 - 0.072852x_{19} - 1$
x_9	3.77945084145	$-0.580159x_{22} - 0.660762x_{17} - 0.471213x_{27} - 0.058459x_{18} - 0.207263x_{20} + 2.253322x_6 + 0.322409x_{19} - 1$
x_{24}	1.85341009743	$+1.038087x_{22} + 2.820859x_{17} + 0.845438x_{27} + 0.548494x_{18} + 1.762843x_{20} - 8.210142x_6 - 0.881089x_{19} - 1$
x_{25}	31.6527900797	$-3.423384x_{22} - 4.578388x_{17} - 2.444641x_{27} - 0.573959x_{18} - 0.398583x_{20} + 14.487157x_6 + 1.620018x_{19} - 1$
x_{26}	24.8910540301	$-1.515500x_{22} - 3.296280x_{17} - 1.256864x_{27} - 0.516829x_{18} - 0.650576x_{20} + 4.239593x_6 + 0.623118x_{19} - 1$
x_{10}	0.916297608503	$-0.298494x_{22} - 0.398361x_{17} - 0.160762x_{27} - 0.031222x_{18} - 0.292516x_{20} + 1.635297x_6 + 0.149469x_{19} - 1$
x_{28}	6.06997342781	$-0.205492x_{22} - 0.870682x_{17} - 0.119575x_{27} + 0.319752x_{18} - 0.139061x_{20} + 3.947741x_6 + 0.660762x_{19} - 1$
x_{29}	6.93401240035	$-0.970771x_{22} - 0.277015x_{17} - 0.444198x_{27} - 0.532551x_{18} + 0.748229x_{20} + 3.141054x_6 - 0.025022x_{19} - 1$
z	17.6319751993	$-0.058459x_{22} - 0.695970x_{17} - 0.611603x_{27} + 0.315102x_{18} - 1.246457x_{20} - 2.532108x_6 + 0.300044x_{19} - 1$

x_{11} enters and x_{24} leaves

x_{15}	19.3782124024	$-2.186970x_{22} - 1.349576x_{17} - 1.025566x_{27} - 1.038849x_{18} + 1.198919x_{20} + 2.802750x_6 - 0.172151x_{19} +$
x_{16}	3.96982844937	$-0.127054x_{22} - 0.181643x_{17} + 0.169989x_{27} - 0.227328x_{18} + 0.838208x_{20} + 0.569495x_6 - 0.050651x_{19} +$
x_2	7.34336826647	$-0.460250x_{22} - 0.368200x_{17} - 0.327481x_{27} - 0.064215x_{18} + 0.002336x_{20} + 0.240972x_6 + 0.100327x_{19} +$
x_4	2.72344970296	$+0.171270x_{22} + 0.097016x_{17} - 0.004285x_{27} + 0.056151x_{18} - 0.264829x_{20} - 0.543769x_6 + 0.118924x_{19} +$
x_1	1.65009011414	$-0.104466x_{22} - 0.083573x_{17} - 0.093185x_{27} - 0.293038x_{18} + 0.228957x_{20} - 0.384754x_6 - 0.167946x_{19} +$
x_8	5.25238635605	$-0.196035x_{22} - 0.316828x_{17} - 0.304706x_{27} + 0.113998x_{18} - 0.166518x_{20} + 0.196329x_6 + 0.100688x_{19} -$
x_{21}	13.2432414392	$-0.165076x_{22} + 0.267939x_{17} - 0.011147x_{27} + 0.977839x_{18} - 1.171751x_{20} + 4.856552x_6 + 0.595955x_{19} -$
x_7	1.25305386823	$+0.081997x_{22} + 0.145598x_{17} + 0.019852x_{27} + 0.113717x_{18} - 0.218690x_{20} - 0.527775x_6 - 0.002617x_{19} -$
x_9	4.07429410587	$-0.415019x_{22} - 0.212015x_{17} - 0.336720x_{27} + 0.028796x_{18} + 0.073173x_{20} + 0.947240x_6 + 0.182244x_{19} +$
x_{11}	0.111741539283	$+0.062586x_{22} + 0.170069x_{17} + 0.050971x_{27} + 0.033069x_{18} + 0.106281x_{20} - 0.494987x_6 - 0.053121x_{19} -$
x_{25}	33.4403577865	$-2.422175x_{22} - 1.857740x_{17} - 1.629237x_{27} - 0.044950x_{18} + 1.301635x_{20} + 6.568680x_6 + 0.770229x_{19} +$
x_{26}	25.9003404312	$-0.950204x_{22} - 1.760163x_{17} - 0.796476x_{27} - 0.218143x_{18} + 0.309392x_{20} - 0.231293x_6 + 0.143315x_{19} +$
x_{10}	1.17662372338	$-0.152687x_{22} - 0.002149x_{17} - 0.042013x_{27} + 0.045818x_{18} - 0.044910x_{20} + 0.482117x_6 + 0.025713x_{19} +$
x_{28}	6.61591349042	$+0.100287x_{22} - 0.039770x_{17} + 0.129457x_{27} + 0.481316x_{18} + 0.380202x_{20} + 1.529364x_6 + 0.401228x_{19} +$
x_{29}	6.76677124358	$-1.064442x_{22} - 0.531553x_{17} - 0.520486x_{27} - 0.582044x_{18} + 0.589160x_{20} + 3.881890x_6 + 0.054482x_{19} +$
z	18.0502636673	$+0.175823x_{22} - 0.059342x_{17} - 0.420800x_{27} + 0.438889x_{18} - 0.848608x_{20} - 4.385021x_6 + 0.101195x_{19} -$

x_3 enters and x_{15} leaves

x_3	1.09878692682	$-0.124006x_{22} - 0.076524x_{17} - 0.058152x_{27} - 0.058905x_{18} + 0.067981x_{20} + 0.158922x_6 - 0.009761x_{19} +$
x_{16}	2.5108570996	$+0.037601x_{22} - 0.080035x_{17} + 0.247203x_{27} - 0.149114x_{18} + 0.747943x_{20} + 0.358478x_6 - 0.037690x_{19} +$
x_2	3.68482806911	$-0.047357x_{22} - 0.113404x_{17} - 0.133858x_{27} + 0.131917x_{18} - 0.224015x_{20} - 0.288178x_6 + 0.132829x_{19} -$
x_4	3.9328854488	$+0.034777x_{22} + 0.012786x_{17} - 0.068293x_{27} - 0.008686x_{18} - 0.190002x_{20} - 0.368843x_6 + 0.108180x_{19} -$
x_1	0.218901988986	$+0.057054x_{22} + 0.016101x_{17} - 0.017441x_{27} - 0.216313x_{18} + 0.140410x_{20} - 0.591753x_6 - 0.155232x_{19} +$
x_8	2.91240513995	$+0.068049x_{22} - 0.153862x_{17} - 0.180866x_{27} + 0.239442x_{18} - 0.311291x_{20} - 0.142112x_6 + 0.121475x_{19} -$
x_{21}	18.395166632	$-0.746507x_{22} - 0.090861x_{17} - 0.283806x_{27} + 0.701648x_{18} - 0.853004x_{20} + 5.601696x_6 + 0.550186x_{19} +$
x_7	2.83194489128	$-0.096192x_{22} + 0.035637x_{17} - 0.063709x_{27} + 0.029074x_{18} - 0.121005x_{20} - 0.299414x_6 - 0.016643x_{19} -$
x_9	1.0376639352	$-0.072314x_{22} - 0.000532x_{17} - 0.176010x_{27} + 0.191588x_{18} - 0.114702x_{20} + 0.508040x_6 + 0.209221x_{19} -$
x_{11}	1.29789746598	$-0.071280x_{22} + 0.087460x_{17} - 0.011804x_{27} - 0.030520x_{18} + 0.179668x_{20} - 0.323428x_6 - 0.063658x_{19} +$
x_{25}	11.6506084291	$+0.036955x_{22} - 0.340215x_{17} - 0.476044x_{27} + 1.123179x_{18} - 0.046484x_{20} + 3.417140x_6 + 0.963804x_{19} -$
x_{26}	11.2149845764	$+0.707144x_{22} - 0.737416x_{17} - 0.019273x_{27} + 0.569126x_{18} - 0.599182x_{20} - 2.355296x_6 + 0.273776x_{19} -$
x_{10}	0.371893037603	$-0.061867x_{22} + 0.053895x_{17} + 0.000576x_{27} + 0.088959x_{18} - 0.094698x_{20} + 0.365726x_6 + 0.032862x_{19} +$
x_{28}	8.78098067788	$-0.144056x_{22} - 0.190554x_{17} + 0.014874x_{27} + 0.365249x_{18} + 0.514153x_{20} + 1.842506x_6 + 0.381994x_{19} +$
x_{29}	0.184406048334	$-0.321575x_{22} - 0.073131x_{17} - 0.172123x_{27} - 0.229169x_{18} + 0.181913x_{20} + 2.929856x_6 + 0.112958x_{19} +$
z	20.2926515395	$-0.077247x_{22} - 0.215511x_{17} - 0.539475x_{27} + 0.318677x_{18} - 0.709873x_{20} - 4.060695x_6 + 0.081274x_{19} -$

x_{13} enters and x_{16} leaves

x_3	1.80743764987	$-0.113394x_{22} - 0.099113x_{17} + 0.011617x_{27} - 0.100990x_{18} + 0.279077x_{20} + 0.260097x_6 - 0.020399x_{19} +$
x_{13}	1.03484924214	$+0.015497x_{22} - 0.032986x_{17} + 0.101885x_{27} - 0.061457x_{18} + 0.308264x_{20} + 0.147747x_6 - 0.015534x_{19} +$
x_2	4.02794734566	$-0.042219x_{22} - 0.124341x_{17} - 0.100077x_{27} + 0.111539x_{18} - 0.121806x_{20} - 0.239190x_6 + 0.127678x_{19} -$
x_4	3.66544896022	$+0.030772x_{22} + 0.021311x_{17} - 0.094623x_{27} + 0.007197x_{18} - 0.269667x_{20} - 0.407025x_6 + 0.112194x_{19} -$
x_1	0.269519338227	$+0.057812x_{22} + 0.014488x_{17} - 0.012458x_{27} - 0.219319x_{18} + 0.155488x_{20} - 0.584526x_6 - 0.155992x_{19} +$
x_8	3.14770002303	$+0.071572x_{22} - 0.161362x_{17} - 0.157700x_{27} + 0.225469x_{18} - 0.241200x_{20} - 0.108519x_6 + 0.117943x_{19} -$
x_{21}	24.2383428709	$-0.659004x_{22} - 0.277115x_{17} + 0.291475x_{27} + 0.354636x_{18} + 0.887581x_{20} + 6.435932x_6 + 0.462476x_{19} +$
x_7	2.71900745225	$-0.097883x_{22} + 0.039237x_{17} - 0.074828x_{27} + 0.035781x_{18} - 0.154647x_{20} - 0.315538x_6 - 0.014948x_{19} -$
x_9	2.18026080071	$-0.055203x_{22} - 0.036953x_{17} - 0.063518x_{27} + 0.123732x_{18} + 0.225659x_{20} + 0.671169x_6 + 0.192070x_{19} +$
x_{11}	1.92261339833	$-0.061925x_{22} + 0.067547x_{17} + 0.049701x_{27} - 0.067621x_{18} + 0.365761x_{20} - 0.234237x_6 - 0.073036x_{19} +$
x_{25}	16.357446916	$+0.107441x_{22} - 0.490247x_{17} - 0.012639x_{27} + 0.843652x_{18} + 1.355606x_{20} + 4.089140x_6 + 0.893151x_{19} +$
x_{26}	11.0562232194	$+0.704767x_{22} - 0.732355x_{17} - 0.034904x_{27} + 0.578555x_{18} - 0.646475x_{20} - 2.377963x_6 + 0.276159x_{19} -$
x_{10}	1.18008951687	$-0.049764x_{22} + 0.028134x_{17} + 0.080146x_{27} + 0.040962x_{18} + 0.146050x_{20} + 0.481113x_6 + 0.020730x_{19} +$
x_{28}	13.3820135118	$-0.075154x_{22} - 0.337215x_{17} + 0.467862x_{27} + 0.092005x_{18} + 1.884724x_{20} + 2.499401x_6 + 0.312930x_{19} +$
x_{29}	4.30281579406	$-0.259900x_{22} - 0.204407x_{17} + 0.233349x_{27} - 0.473751x_{18} + 1.408719x_{20} + 3.517846x_6 + 0.051138x_{19} +$
z	21.9813862198	$-0.051957x_{22} - 0.269340x_{17} - 0.373213x_{27} + 0.218387x_{18} - 0.206827x_{20} - 3.819593x_6 + 0.055925x_{19} -$

x_{14} enters and x_1 leaves

x_3	3.05502390749	$+0.154215x_{22} - 0.032050x_{17} - 0.046048x_{27} - 1.116203x_{18} + 0.998820x_{20} - 2.445633x_6 - 0.742473x_{19} -$
x_{13}	3.31150427134	$+0.503842x_{22} + 0.089392x_{17} - 0.003345x_{27} - 1.914066x_{18} + 1.621686x_{20} - 4.789799x_6 - 1.333209x_{19} -$
x_2	4.24414983361	$+0.004157x_{22} - 0.112720x_{17} - 0.110070x_{27} - 0.064394x_{18} + 0.002923x_{20} - 0.708084x_6 + 0.002545x_{19} -$
x_4	3.36390068888	$-0.033911x_{22} + 0.005102x_{17} - 0.080685x_{27} + 0.252579x_{18} - 0.443632x_{20} + 0.246964x_6 + 0.286723x_{19} -$
x_{14}	1.92030169453	$+0.411907x_{22} + 0.103223x_{17} - 0.088759x_{27} - 1.562630x_{18} + 1.107838x_{20} - 4.164696x_6 - 1.111426x_{19} -$
x_8	3.86958580355	$+0.226418x_{22} - 0.122558x_{17} - 0.191067x_{27} - 0.361960x_{18} + 0.175262x_{20} - 1.674125x_6 - 0.299867x_{19} -$
x_{21}	29.332330797	$+0.433663x_{22} - 0.003294x_{17} + 0.056024x_{27} - 3.790554x_{18} + 3.826346x_{20} - 4.611765x_6 - 2.485806x_{19} -$
x_7	1.95399225091	$-0.261980x_{22} - 0.001885x_{17} - 0.039468x_{27} + 0.658306x_{18} - 0.595991x_{20} + 1.343605x_6 + 0.427825x_{19} -$
x_9	5.82685908251	$+0.726997x_{22} + 0.159065x_{17} - 0.232068x_{27} - 2.843658x_{18} + 2.329412x_{20} - 7.237470x_6 - 1.918497x_{19} -$
x_{11}	4.33189732783	$+0.454869x_{22} + 0.197055x_{17} - 0.061659x_{27} - 2.028155x_{18} + 1.755697x_{20} - 5.459424x_6 - 1.467473x_{19} -$
x_{25}	31.4014457863	$+3.334396x_{22} + 0.318424x_{17} - 0.707993x_{27} - 11.398278x_{18} + 10.034615x_{20} - 28.537860x_6 - 7.813966x_{19} -$
x_{26}	4.00341440318	$-0.808069x_{22} - 1.111470x_{17} + 0.291087x_{27} + 6.317720x_{18} - 4.715300x_{20} + 12.917970x_6 + 4.358161x_{19} -$
x_{10}	2.82608550679	$+0.303304x_{22} + 0.116612x_{17} + 0.004066x_{27} - 1.298454x_{18} + 1.095639x_{20} - 3.088677x_6 - 0.931934x_{19} -$
x_{28}	22.9543256887	$+1.978118x_{22} + 0.177333x_{17} + 0.025417x_{27} - 7.697385x_{18} + 7.407072x_{20} - 18.260759x_6 - 5.227302x_{19} -$
x_{29}	17.0093495962	$+2.465666x_{22} + 0.478617x_{17} - 0.353964x_{27} - 10.813588x_{18} + 8.739225x_{20} - 24.039726x_6 - 7.303108x_{19} -$
z	29.7296686295	$+1.610058x_{22} + 0.147159x_{17} - 0.731349x_{27} - 6.086714x_{18} + 4.263222x_{20} - 20.623849x_6 - 4.428601x_{19} -$

x_5 enters and x_{26} leaves

x_3	3.93841519822	$-0.024093x_{22}$	$-0.277307x_{17}$	$+0.018183x_{27}$	$+0.277862x_{18}$	$-0.041656x_{20}$	$+0.404839x_6$	$+0.219197x_{19}$
x_{13}	4.6824741294	$+0.227119x_{22}$	$-0.291231x_{17}$	$+0.096337x_{27}$	$+0.249438x_{18}$	$+0.006931x_{20}$	$-0.366038x_6$	$+0.159244x_{19}$
x_2	4.24803553566	$+0.003373x_{22}$	$-0.113799x_{17}$	$-0.109788x_{27}$	$-0.058262x_{18}$	$-0.001654x_{20}$	$-0.695546x_6$	$+0.006775x_{19}$
x_4	2.94800765451	$+0.050035x_{22}$	$+0.120566x_{17}$	$-0.110925x_{27}$	$-0.403735x_{18}$	$+0.046215x_{20}$	$-1.095014x_6$	$-0.166023x_{19}$
x_{14}	2.74783980544	$+0.244873x_{22}$	$-0.126526x_{17}$	$-0.028589x_{27}$	$-0.256706x_{18}$	$+0.133148x_{20}$	$-1.494447x_6$	$-0.210559x_{19}$
x_8	3.96545504924	$+0.207067x_{22}$	$-0.149175x_{17}$	$-0.184096x_{27}$	$-0.210670x_{18}$	$+0.062345x_{20}$	$-1.364780x_6$	$-0.195503x_{19}$
x_{21}	33.9186567707	$-0.492064x_{22}$	$-1.276599x_{17}$	$+0.389494x_{27}$	$+3.447048x_{18}$	$-1.575519x_{20}$	$+10.187108x_6$	$+2.506920x_{19}$
x_7	1.50065789353	$-0.170477x_{22}$	$+0.123974x_{17}$	$-0.072430x_{27}$	$-0.057093x_{18}$	$-0.062045x_{20}$	$-0.119186x_6$	$-0.065680x_{19}$
x_9	7.80561411126	$+0.327595x_{22}$	$-0.390298x_{17}$	$-0.088194x_{27}$	$+0.278982x_{18}$	$-0.001204x_{20}$	$-0.852546x_6$	$+0.235598x_{19}$
x_{11}	5.68749100673	$+0.181250x_{22}$	$-0.179299x_{17}$	$+0.036905x_{27}$	$+0.111084x_{18}$	$+0.159052x_{20}$	$-1.085278x_6$	$+0.008241x_{19}$
x_{25}	38.8854498773	$+1.823788x_{22}$	$-1.759365x_{17}$	$-0.163834x_{27}$	$+0.412100x_{18}$	$+1.219809x_{20}$	$-4.388938x_6$	$+0.333203x_{19}$
x_5	0.194700159795	$-0.039299x_{22}$	$-0.054055x_{17}$	$+0.014157x_{27}$	$+0.307253x_{18}$	$-0.229322x_{20}$	$+0.628246x_6$	$+0.211953x_{19}$
x_{10}	3.86778994153	$+0.093041x_{22}$	$-0.172597x_{17}$	$+0.079808x_{27}$	$+0.345442x_{18}$	$-0.131301x_{20}$	$+0.272631x_6$	$+0.202077x_{19}$
x_{28}	29.2046734819	$+0.716517x_{22}$	$-1.557955x_{17}$	$+0.479877x_{27}$	$+2.166181x_{18}$	$+0.045290x_{20}$	$+1.907476x_6$	$+1.576895x_{19}$
x_{29}	25.0516894258	$+0.842361x_{22}$	$-1.754183x_{17}$	$+0.230791x_{27}$	$+1.877890x_{18}$	$-0.733200x_{20}$	$+1.910799x_6$	$+1.451872x_{19}$
z	32.690474906	$+1.012434x_{22}$	$-0.674851x_{17}$	$-0.516070x_{27}$	$-1.414316x_{18}$	$+0.775927x_{20}$	$-11.070102x_6$	$-1.205435x_{19}$

x_{15} enters and x_5 leaves

x_3	4.08417241398	$-0.053513x_{22}$	$-0.317773x_{17}$	$+0.028781x_{27}$	$+0.507879x_{18}$	$-0.213332x_{20}$	$+0.875160x_6$	$+0.377870x_{19}$
x_{13}	5.50384764738	$+0.061329x_{22}$	$-0.519269x_{17}$	$+0.156059x_{27}$	$+1.545633x_{18}$	$-0.960499x_{20}$	$+2.284319x_6$	$+1.053400x_{19}$
x_2	5.09633612085	$-0.167853x_{22}$	$-0.349313x_{17}$	$-0.048108x_{27}$	$+1.280427x_{18}$	$-1.000799x_{20}$	$+2.041698x_6$	$+0.930245x_{19}$
x_4	2.85576381407	$+0.068654x_{22}$	$+0.146176x_{17}$	$-0.117632x_{27}$	$-0.549303x_{18}$	$+0.154861x_{20}$	$-1.392661x_6$	$-0.266440x_{19}$
x_{14}	3.68355219619	$+0.056004x_{22}$	$-0.386309x_{17}$	$+0.039446x_{27}$	$+1.219926x_{18}$	$-0.968953x_{20}$	$+1.524852x_6$	$+0.808068x_{19}$
x_8	4.95207258845	$+0.007923x_{22}$	$-0.423090x_{17}$	$-0.112359x_{27}$	$+1.346294x_{18}$	$-1.099712x_{20}$	$+1.818777x_6$	$+0.878540x_{19}$
x_{21}	33.7120690881	$-0.450365x_{22}$	$-1.219244x_{17}$	$+0.374473x_{27}$	$+3.121035x_{18}$	$-1.332196x_{20}$	$+9.520503x_6$	$+2.282026x_{19}$
x_7	0.97290512418	$-0.063952x_{22}$	$+0.270495x_{17}$	$-0.110802x_{27}$	$-0.889930x_{18}$	$+0.559552x_{20}$	$-1.822106x_6$	$-0.640197x_{19}$
x_9	9.80222490825	$-0.075411x_{22}$	$-0.944618x_{17}$	$+0.056979x_{27}$	$+3.429799x_{18}$	$-2.352851x_{20}$	$+5.589994x_6$	$+2.409130x_{19}$
x_{11}	6.40466749435	$+0.036491x_{22}$	$-0.378409x_{17}$	$+0.089051x_{27}$	$+1.242848x_{18}$	$-0.685652x_{20}$	$+1.228863x_6$	$+0.788967x_{19}$
x_{25}	49.370424253	$-0.292551x_{22}$	$-4.670315x_{17}$	$+0.598525x_{27}$	$+16.958258x_{18}$	$-11.129599x_{20}$	$+29.443328x_6$	$+11.747262x_{19}$
x_{15}	3.28334764465	$-0.662727x_{22}$	$-0.911558x_{17}$	$+0.238731x_{27}$	$+5.181395x_{18}$	$-3.867191x_{20}$	$+10.594503x_6$	$+3.574288x_{19}$
x_{10}	4.55338303097	$-0.045342x_{22}$	$-0.362939x_{17}$	$+0.129657x_{27}$	$+1.427365x_{18}$	$-0.938806x_{20}$	$+2.484860x_6$	$+0.948421x_{19}$
x_{28}	31.829915937	$+0.186625x_{22}$	$-2.286802x_{17}$	$+0.670758x_{27}$	$+6.309031x_{18}$	$-3.046772x_{20}$	$+10.378446x_6$	$+4.434763x_{19}$
x_{29}	30.1974359956	$-0.196282x_{22}$	$-3.182800x_{17}$	$+0.604937x_{27}$	$+9.998305x_{18}$	$-6.793961x_{20}$	$+18.514775x_6$	$+7.053588x_{19}$
z	36.6305820968	$+0.217144x_{22}$	$-1.768746x_{17}$	$-0.229586x_{27}$	$+4.803499x_{18}$	$-3.864808x_{20}$	$+1.643592x_6$	$+3.083810x_{19}$

x_1 enters and x_7 leaves

x_3	4.65523551878	$-0.091051x_{22} - 0.159002x_{17} - 0.036256x_{27} - 0.014481x_{18} + 0.115107x_{20} - 0.194356x_6 + 0.002095x_{19} -$
x_{13}	7.10514340449	$-0.043930x_{22} - 0.074064x_{17} - 0.026310x_{27} + 0.080904x_{18} - 0.039537x_{20} - 0.714668x_6 - 0.000294x_{19} -$
x_2	6.39415579249	$-0.253163x_{22} + 0.011517x_{17} - 0.195914x_{27} + 0.093292x_{18} - 0.254376x_{20} - 0.388924x_6 + 0.076245x_{19} +$
x_4	2.25624908192	$+0.108062x_{22} - 0.020506x_{17} - 0.049354x_{27} - 0.000918x_{18} - 0.189941x_{20} - 0.269859x_6 + 0.128056x_{19} -$
x_{14}	4.88131181756	$-0.022729x_{22} - 0.053298x_{17} - 0.096964x_{27} + 0.124318x_{18} - 0.280078x_{20} - 0.718373x_6 + 0.019911x_{19} -$
x_8	6.1489390026	$-0.070751x_{22} - 0.090328x_{17} - 0.248668x_{27} + 0.251503x_{18} - 0.411352x_{20} - 0.422775x_6 + 0.090970x_{19} +$
x_{21}	36.3598240954	$-0.624411x_{22} - 0.483094x_{17} + 0.072925x_{27} + 0.699095x_{18} + 0.190623x_{20} + 4.561654x_6 + 0.539734x_{19} -$
x_1	0.272188525192	$-0.017892x_{22} + 0.075676x_{17} - 0.030999x_{27} - 0.248975x_{18} + 0.156545x_{20} - 0.509768x_6 - 0.179107x_{19} +$
x_9	13.1922663786	$-0.298250x_{22} - 0.002092x_{17} - 0.329107x_{27} + 0.328879x_{18} - 0.403118x_{20} - 0.759046x_6 + 0.178394x_{19} -$
x_{11}	7.6592827327	$-0.045979x_{22} - 0.029591x_{17} - 0.053835x_{27} + 0.095233x_{18} + 0.035922x_{20} - 1.120844x_6 - 0.036602x_{19} -$
x_{25}	66.1468626059	$-1.395324x_{22} - 0.005996x_{17} - 1.312113x_{27} + 1.612606x_{18} - 1.480871x_{20} - 1.976432x_6 + 0.707925x_{19} -$
x_{15}	9.12490054106	$-1.046713x_{22} + 0.712557x_{17} - 0.426553x_{27} - 0.161959x_{18} - 0.507506x_{20} - 0.345852x_6 - 0.269607x_{19} +$
x_{10}	5.96419937081	$-0.138080x_{22} + 0.029308x_{17} - 0.031018x_{27} + 0.136871x_{18} - 0.127395x_{20} - 0.157388x_6 + 0.020067x_{19} -$
x_{28}	37.953769953	$-0.215917x_{22} - 0.584200x_{17} - 0.026677x_{27} + 0.707453x_{18} + 0.475275x_{20} - 1.090617x_6 + 0.405106x_{19} -$
x_{29}	40.8285863365	$-0.895104x_{22} - 0.227043x_{17} - 0.605826x_{27} + 0.273836x_{18} - 0.679608x_{20} - 1.395779x_6 + 0.058012x_{19} -$
z	41.0832930397	$-0.075549x_{22} - 0.530767x_{17} - 0.736697x_{27} + 0.730540x_{18} - 1.303896x_{20} - 6.695670x_6 + 0.153809x_{19} -$

x_{18} enters and x_1 leaves

x_3	4.63940410782	$-0.090011x_{22} - 0.163403x_{17} - 0.034453x_{27} + 0.058163x_1 + 0.106002x_{20} - 0.164706x_6 + 0.012513x_{19} - 0.$
x_{13}	7.19359120912	$-0.049744x_{22} - 0.049473x_{17} - 0.036383x_{27} - 0.324951x_1 + 0.011333x_{20} - 0.880318x_6 - 0.058495x_{19} - 0.$
x_2	6.49614661308	$-0.259867x_{22} + 0.039874x_{17} - 0.207530x_{27} - 0.374707x_1 - 0.195718x_{20} - 0.579938x_6 + 0.009133x_{19} + 0.$
x_4	2.2552453999	$+0.108128x_{22} - 0.020785x_{17} - 0.049240x_{27} + 0.003687x_1 - 0.190518x_{20} - 0.267979x_6 + 0.128717x_{19} - 0.$
x_{14}	5.01722039898	$-0.031663x_{22} - 0.015512x_{17} - 0.112443x_{27} - 0.499318x_1 - 0.201913x_{20} - 0.972910x_6 - 0.069521x_{19} - 0.$
x_8	6.42389099893	$-0.088825x_{22} - 0.013883x_{17} - 0.279982x_{27} - 1.010153x_1 - 0.253217x_{20} - 0.937719x_6 - 0.089955x_{19} + 0.$
x_{21}	37.1241011837	$-0.674650x_{22} - 0.270604x_{17} - 0.014117x_{27} - 2.807896x_1 + 0.630185x_{20} + 3.130278x_6 + 0.036819x_{19} - 0.$
x_{18}	1.09323721376	$-0.071862x_{22} + 0.303950x_{17} - 0.124507x_{27} - 4.016471x_1 + 0.628760x_{20} - 2.047470x_6 - 0.719379x_{19} + 0.$
x_9	13.551808695	$-0.321884x_{22} + 0.097871x_{17} - 0.370054x_{27} - 1.320931x_1 - 0.196332x_{20} - 1.432415x_6 - 0.058194x_{19} - 0.$
x_{11}	7.76339466794	$-0.052823x_{22} - 0.000645x_{17} - 0.065692x_{27} - 0.382499x_1 + 0.095800x_{20} - 1.315830x_6 - 0.105111x_{19} - 0.$
x_{25}	67.9098233711	$-1.511210x_{22} + 0.484156x_{17} - 1.512894x_{27} - 6.476984x_1 - 0.466930x_{20} - 5.278194x_6 - 0.452149x_{19} + 0.$
x_{15}	8.94784099709	$-1.035074x_{22} + 0.663330x_{17} - 0.406388x_{27} + 0.650503x_1 - 0.609339x_{20} - 0.014246x_6 - 0.153097x_{19} + 0.$
x_{10}	6.11383163096	$-0.147916x_{22} + 0.070910x_{17} - 0.048060x_{27} - 0.549738x_1 - 0.041336x_{20} - 0.437627x_6 - 0.078395x_{19} - 0.$
x_{28}	38.7271838932	$-0.266756x_{22} - 0.369169x_{17} - 0.114760x_{27} - 2.841464x_1 + 0.920093x_{20} - 2.539105x_6 - 0.103820x_{19} - 0.$
x_{29}	41.1279545706	$-0.914783x_{22} - 0.143811x_{17} - 0.639920x_{27} - 1.099856x_1 - 0.507430x_{20} - 1.956451x_6 - 0.138980x_{19} - 0.$
z	41.881946237	$-0.128047x_{22} - 0.308720x_{17} - 0.827655x_{27} - 2.934191x_1 - 0.844562x_{20} - 8.191428x_6 - 0.371726x_{19} - 0.$

x_{-1} enters and Final Dictionary Solution: 41.881946237 Num Pivots: 18