

x_{15}	8.0	$+3.000000x_1 + 2.000000x_2 - 3.000000x_3 + 2.000000x_4 - 1.000000x_5 + 1.000000x_6 - 2.000000x_7 - 1.000000x_8$
x_{16}	1.0	$-1.000000x_1 + 3.000000x_2 + 2.000000x_3 - 3.000000x_4 + 1.000000x_5 + 3.000000x_8 - 3.000000x_9$
x_{17}	1.0	$-1.000000x_1 - 1.000000x_2 - 2.000000x_3 + 2.000000x_4 + 1.000000x_5 + 2.000000x_6 + 3.000000x_7 + 1.000000x_8 + 2.000000x_9$
x_{18}	5.0	$+1.000000x_1 + 3.000000x_3 + 1.000000x_4 - 2.000000x_5 - 3.000000x_6 - 3.000000x_7 + 2.000000x_8$
x_{19}	12.0	$-1.000000x_1 + 1.000000x_2 + 1.000000x_3 + 1.000000x_6 + 3.000000x_7 + 3.000000x_8 + 1.000000x_9$
x_{20}	15.0	$+1.000000x_1 - 1.000000x_3 + 3.000000x_5 - 3.000000x_6 - 3.000000x_7 - 3.000000x_8 - 3.000000x_9$
x_{21}	14.0	$+1.000000x_2 - 1.000000x_4 + 1.000000x_5 - 3.000000x_6 + 3.000000x_7 + 2.000000x_8$
x_{22}	1.0	$+3.000000x_1 + 3.000000x_2 - 3.000000x_3 - 2.000000x_4 - 3.000000x_5 - 2.000000x_6 - 2.000000x_7 - 1.000000x_8 - 2.000000x_9$
x_{23}	7.0	$-2.000000x_1 - 1.000000x_2 - 1.000000x_3 - 2.000000x_4 - 1.000000x_5 - 3.000000x_6 - 2.000000x_7 - 1.000000x_8$
x_{24}	12.0	$-1.000000x_1 - 3.000000x_2 - 2.000000x_3 - 2.000000x_4 + 3.000000x_6 + 3.000000x_8 + 3.000000x_9$
x_{25}	3.0	$-2.000000x_1 + 1.000000x_2 - 3.000000x_3 + 3.000000x_4 - 1.000000x_5 - 2.000000x_6 + 2.000000x_7 - 3.000000x_8$
x_{26}	10.0	$+1.000000x_1 + 1.000000x_2 - 3.000000x_3 - 2.000000x_6 + 1.000000x_7 + 2.000000x_8 - 3.000000x_9$
x_{27}	7.0	$-1.000000x_1 - 1.000000x_2 - 3.000000x_3 - 2.000000x_4 + 2.000000x_5 + 2.000000x_6 - 2.000000x_8 - 2.000000x_9$
x_{28}	15.0	$+1.000000x_2 + 2.000000x_3 - 1.000000x_4 - 1.000000x_5 + 3.000000x_6 - 3.000000x_7 + 2.000000x_8$
x_{29}	10.0	$-2.000000x_2 + 1.000000x_3 + 2.000000x_4 + 3.000000x_5 + 2.000000x_6 - 2.000000x_7 + 2.000000x_8 - 1.000000x_9$
z	0.0	$-1.000000x_1 + 2.000000x_3 - 1.000000x_4 + 2.000000x_5 - 1.000000x_6 - 1.000000x_7 + 2.000000x_8$

No initialization required - Proceed to Optimize.

x_{15}	8.0	$+3.000000x_1 + 2.000000x_2 - 3.000000x_3 + 2.000000x_4 - 1.000000x_5 + 1.000000x_6 - 2.000000x_7 - 1.000000x_8$
x_{16}	1.0	$-1.000000x_1 + 3.000000x_2 + 2.000000x_3 - 3.000000x_4 + 1.000000x_5 + 3.000000x_8 - 3.000000x_9$
x_{17}	1.0	$-1.000000x_1 - 1.000000x_2 - 2.000000x_3 + 2.000000x_4 + 1.000000x_5 + 2.000000x_6 + 3.000000x_7 + 1.000000x_8 + 2.000000x_9$
x_{18}	5.0	$+1.000000x_1 + 3.000000x_3 + 1.000000x_4 - 2.000000x_5 - 3.000000x_6 - 3.000000x_7 + 2.000000x_8$
x_{19}	12.0	$-1.000000x_1 + 1.000000x_2 + 1.000000x_3 + 1.000000x_6 + 3.000000x_7 + 3.000000x_8 + 1.000000x_9$
x_{20}	15.0	$+1.000000x_1 - 1.000000x_3 + 3.000000x_5 - 3.000000x_6 - 3.000000x_7 - 3.000000x_8 - 3.000000x_9$
x_{21}	14.0	$+1.000000x_2 - 1.000000x_4 + 1.000000x_5 - 3.000000x_6 + 3.000000x_7 + 2.000000x_8$
x_{22}	1.0	$+3.000000x_1 + 3.000000x_2 - 3.000000x_3 - 2.000000x_4 - 3.000000x_5 - 2.000000x_6 - 2.000000x_7 - 1.000000x_8 - 2.000000x_9$
x_{23}	7.0	$-2.000000x_1 - 1.000000x_2 - 1.000000x_3 - 2.000000x_4 - 1.000000x_5 - 3.000000x_6 - 2.000000x_7 - 1.000000x_8$
x_{24}	12.0	$-1.000000x_1 - 3.000000x_2 - 2.000000x_3 - 2.000000x_4 + 3.000000x_6 + 3.000000x_8 + 3.000000x_9$
x_{25}	3.0	$-2.000000x_1 + 1.000000x_2 - 3.000000x_3 + 3.000000x_4 - 1.000000x_5 - 2.000000x_6 + 2.000000x_7 - 3.000000x_8$
x_{26}	10.0	$+1.000000x_1 + 1.000000x_2 - 3.000000x_3 - 2.000000x_6 + 1.000000x_7 + 2.000000x_8 - 3.000000x_9$
x_{27}	7.0	$-1.000000x_1 - 1.000000x_2 - 3.000000x_3 - 2.000000x_4 + 2.000000x_5 + 2.000000x_6 - 2.000000x_8 - 2.000000x_9$
x_{28}	15.0	$+1.000000x_2 + 2.000000x_3 - 1.000000x_4 - 1.000000x_5 + 3.000000x_6 - 3.000000x_7 + 2.000000x_8$
x_{29}	10.0	$-2.000000x_2 + 1.000000x_3 + 2.000000x_4 + 3.000000x_5 + 2.000000x_6 - 2.000000x_7 + 2.000000x_8 - 1.000000x_9$
z	0.0	$-1.000000x_1 + 2.000000x_3 - 1.000000x_4 + 2.000000x_5 - 1.000000x_6 - 1.000000x_7 + 2.000000x_8$

x_3 enters and x_{22} leaves

x_{15}	7.0	$-1.000000x_2 + 1.000000x_{22} + 4.000000x_4 + 2.000000x_5 + 3.000000x_6$
x_{16}	1.66666666667	$+1.000000x_1 + 5.000000x_2 - 0.666667x_{22} - 4.333333x_4 - 1.000000x_5 - 1.333333x_6 - 1.333333x_7 + 2.333333x_8$
x_{17}	0.333333333333	$-3.000000x_1 - 3.000000x_2 + 0.666667x_{22} + 3.333333x_4 + 3.000000x_5 + 3.333333x_6 + 4.333333x_7 + 1.666667x_8$
x_{18}	6.0	$+4.000000x_1 + 3.000000x_2 - 1.000000x_{22} - 1.000000x_4 - 5.000000x_5 - 5.000000x_6 - 5.000000x_7 + 1.000000x_8$
x_{19}	12.3333333333	$+2.000000x_2 - 0.333333x_{22} - 0.666667x_4 - 1.000000x_5 + 0.333333x_6 + 2.333333x_7 + 2.666667x_8$
x_{20}	14.6666666667	$-1.000000x_2 + 0.333333x_{22} + 0.666667x_4 + 4.000000x_5 - 2.333333x_6 - 2.333333x_7 - 2.666667x_8$
x_{21}	14.0	$+1.000000x_2 - 1.000000x_4 + 1.000000x_5 - 3.000000x_6 + 3.000000x_7$
x_3	0.333333333333	$+1.000000x_1 + 1.000000x_2 - 0.333333x_{22} - 0.666667x_4 - 1.000000x_5 - 0.666667x_6 - 0.666667x_7 - 0.333333x_8$
x_{23}	6.66666666667	$-3.000000x_1 - 2.000000x_2 + 0.333333x_{22} - 1.333333x_4 - 2.333333x_6 - 1.333333x_7 - 0.666667x_8$
x_{24}	11.3333333333	$-3.000000x_1 - 5.000000x_2 + 0.666667x_{22} - 0.666667x_4 + 2.000000x_5 + 4.333333x_6 + 1.333333x_7 + 0.666667x_8$
x_{25}	2.0	$-5.000000x_1 - 2.000000x_2 + 1.000000x_{22} + 5.000000x_4 + 2.000000x_5 + 4.000000x_7 + 1.000000x_8$
x_{26}	9.0	$-2.000000x_1 - 2.000000x_2 + 1.000000x_{22} + 2.000000x_4 + 3.000000x_5 + 3.000000x_7 + 3.000000x_8$
x_{27}	6.0	$-4.000000x_1 - 4.000000x_2 + 1.000000x_{22} + 5.000000x_5 + 4.000000x_6 + 2.000000x_7 - 1.000000x_8$
x_{28}	15.6666666667	$+2.000000x_1 + 3.000000x_2 - 0.666667x_{22} - 2.333333x_4 - 3.000000x_5 + 1.666667x_6 - 4.333333x_7 + 1.333333x_8$
x_{29}	10.3333333333	$+1.000000x_1 - 1.000000x_2 - 0.333333x_{22} + 1.333333x_4 + 2.000000x_5 + 1.333333x_6 - 2.666667x_7 + 1.666667x_8$
z	0.666666666667	$+1.000000x_1 + 2.000000x_2 - 0.666667x_{22} - 2.333333x_4 - 2.333333x_6 - 2.333333x_7 + 1.333333x_8$

x_1 enters and x_{17} leaves

x_{15}	7.0	$-1.000000x_2 + 1.000000x_{22} + 4.000000x_4 + 2.000000x_5 + 3.000000x_6$
x_{16}	1.77777777778	$-0.333333x_{17} + 4.000000x_2 - 0.444444x_{22} - 3.222222x_4 - 0.222222x_6 + 0.111111x_7 + 2.888889x_8$
x_1	0.111111111111	$-0.333333x_{17} - 1.000000x_2 + 0.222222x_{22} + 1.111111x_4 + 1.000000x_5 + 1.111111x_6 + 1.444444x_7 + 0.555556x_8$
x_{18}	6.44444444444	$-1.333333x_{17} - 1.000000x_2 - 0.111111x_{22} + 3.444444x_4 - 1.000000x_5 - 0.555556x_6 + 0.777778x_7 + 3.222222x_8$
x_{19}	12.3333333333	$+2.000000x_2 - 0.333333x_{22} - 0.666667x_4 - 1.000000x_5 + 0.333333x_6 + 2.333333x_7 + 2.666667x_8$
x_{20}	14.6666666667	$-1.000000x_2 + 0.333333x_{22} + 0.666667x_4 + 4.000000x_5 - 2.333333x_6 - 2.333333x_7 - 2.666667x_8$
x_{21}	14.0	$+1.000000x_2 - 1.000000x_4 + 1.000000x_5 - 3.000000x_6 + 3.000000x_7$
x_3	0.444444444444	$-0.333333x_{17} - 0.111111x_{22} + 0.444444x_4 + 0.444444x_6 + 0.777778x_7 + 0.222222x_8$
x_{23}	6.33333333333	$+1.000000x_{17} + 1.000000x_2 - 0.333333x_{22} - 4.666667x_4 - 3.000000x_5 - 5.666667x_6 - 5.666667x_7 - 2.333333x_8$
x_{24}	11.0	$+1.000000x_{17} - 2.000000x_2 - 4.000000x_4 - 1.000000x_5 + 1.000000x_6 - 3.000000x_7 - 1.000000x_8$
x_{25}	1.44444444444	$+1.666667x_{17} + 3.000000x_2 - 0.111111x_{22} - 0.555556x_4 - 3.000000x_5 - 5.555556x_6 - 3.222222x_7 - 1.777778x_8$
x_{26}	8.77777777778	$+0.666667x_{17} + 0.555556x_{22} - 0.222222x_4 + 1.000000x_5 - 2.222222x_6 + 0.111111x_7 + 1.888889x_8$
x_{27}	5.55555555556	$+1.333333x_{17} + 0.111111x_{22} - 4.444444x_4 + 1.000000x_5 - 0.444444x_6 - 3.777778x_7 - 3.222222x_8$
x_{28}	15.8888888889	$-0.666667x_{17} + 1.000000x_2 - 0.222222x_{22} - 0.111111x_4 - 1.000000x_5 + 3.888889x_6 - 1.444444x_7 + 2.444444x_8$
x_{29}	10.4444444444	$-0.333333x_{17} - 2.000000x_2 - 0.111111x_{22} + 2.444444x_4 + 3.000000x_5 + 2.444444x_6 - 1.222222x_7 + 2.222222x_8$
z	0.777777777778	$-0.333333x_{17} + 1.000000x_2 - 0.444444x_{22} - 1.222222x_4 + 1.000000x_5 - 1.222222x_6 - 0.888889x_7 + 1.888889x_8$

x_2 enters and x_1 leaves

x_{15}	6.8888888889	$+0.333333x_{17} + 1.000000x_1 + 0.777778x_{22} + 2.888889x_4 + 1.000000x_5 + 1.888889x_6 - 1.444444x_7 - 0.555556x_8$
x_{16}	2.2222222222	$-1.666667x_{17} - 4.000000x_1 + 0.444444x_{22} + 1.222222x_4 + 4.000000x_5 + 4.222222x_6 + 5.888889x_7 + 5.111111x_8$
x_2	0.1111111111	$-0.333333x_{17} - 1.000000x_1 + 0.222222x_{22} + 1.111111x_4 + 1.000000x_5 + 1.111111x_6 + 1.444444x_7 + 0.555556x_8$
x_{18}	6.3333333333	$-1.000000x_{17} + 1.000000x_1 - 0.333333x_{22} + 2.333333x_4 - 2.000000x_5 - 1.666667x_6 - 0.666667x_7 + 2.666667x_8$
x_{19}	12.5555555556	$-0.666667x_{17} - 2.000000x_1 + 0.111111x_{22} + 1.555556x_4 + 1.000000x_5 + 2.555556x_6 + 5.222222x_7 + 3.777778x_8$
x_{20}	14.5555555556	$+0.333333x_{17} + 1.000000x_1 + 0.111111x_{22} - 0.444444x_4 + 3.000000x_5 - 3.444444x_6 - 3.777778x_7 - 3.222222x_8$
x_{21}	14.1111111111	$-0.333333x_{17} - 1.000000x_1 + 0.222222x_{22} + 0.111111x_4 + 2.000000x_5 - 1.888889x_6 + 4.444444x_7 + 0.555556x_8$
x_3	0.4444444444	$-0.333333x_{17} - 0.111111x_{22} + 0.444444x_4 + 0.444444x_6 + 0.777778x_7 + 0.222222x_8$
x_{23}	6.4444444444	$+0.666667x_{17} - 1.000000x_1 - 0.111111x_{22} - 3.555556x_4 - 2.000000x_5 - 4.555556x_6 - 4.222222x_7 - 1.777778x_8$
x_{24}	10.7777777778	$+1.666667x_{17} + 2.000000x_1 - 0.444444x_{22} - 6.222222x_4 - 3.000000x_5 - 1.222222x_6 - 5.888889x_7 - 2.111111x_8$
x_{25}	1.7777777778	$+0.666667x_{17} - 3.000000x_1 + 0.555556x_{22} + 2.777778x_4 - 2.222222x_6 + 1.111111x_7 - 0.111111x_8$
x_{26}	8.7777777778	$+0.666667x_{17} + 0.555556x_{22} - 0.222222x_4 + 1.000000x_5 - 2.222222x_6 + 0.111111x_7 + 1.888889x_8$
x_{27}	5.5555555556	$+1.333333x_{17} + 0.111111x_{22} - 4.444444x_4 + 1.000000x_5 - 0.444444x_6 - 3.777778x_7 - 3.222222x_8$
x_{28}	16.0	$-1.000000x_{17} - 1.000000x_1 + 1.000000x_4 + 5.000000x_6 + 0.000000x_7 + 3.000000x_8$
x_{29}	10.2222222222	$+0.333333x_{17} + 2.000000x_1 - 0.555556x_{22} + 0.222222x_4 + 1.000000x_5 + 0.222222x_6 - 4.111111x_7 + 1.111111x_8$
z	0.8888888889	$-0.666667x_{17} - 1.000000x_1 - 0.222222x_{22} - 0.111111x_4 + 2.000000x_5 - 0.111111x_6 + 0.555556x_7 + 2.444444x_8$

x_5 enters and x_{18} leaves

x_{15}	10.0555555556	$-0.166667x_{17} + 1.500000x_1 + 0.611111x_{22} + 4.055556x_4 - 0.500000x_{18} + 1.055556x_6 - 1.777778x_7 + 0.055556x_8$
x_{16}	14.8888888889	$-3.666667x_{17} - 2.000000x_1 - 0.222222x_{22} + 5.888889x_4 - 2.000000x_{18} + 0.888889x_6 + 4.555556x_7 + 10.111111x_8$
x_2	3.2777777778	$-0.833333x_{17} - 0.500000x_1 + 0.055556x_{22} + 2.277778x_4 - 0.500000x_{18} + 0.277778x_6 + 1.111111x_7 + 1.111111x_8$
x_5	3.1666666667	$-0.500000x_{17} + 0.500000x_1 - 0.166667x_{22} + 1.166667x_4 - 0.500000x_{18} - 0.833333x_6 - 0.333333x_7 + 1.111111x_8$
x_{19}	15.7222222222	$-1.166667x_{17} - 1.500000x_1 - 0.055556x_{22} + 2.722222x_4 - 0.500000x_{18} + 1.722222x_6 + 4.888889x_7 + 5.111111x_8$
x_{20}	24.0555555556	$-1.166667x_{17} + 2.500000x_1 - 0.388889x_{22} + 3.055556x_4 - 1.500000x_{18} - 5.944444x_6 - 4.777778x_7 + 0.055556x_8$
x_{21}	20.4444444444	$-1.333333x_{17} - 0.111111x_{22} + 2.444444x_4 - 1.000000x_{18} - 3.555556x_6 + 3.777778x_7 + 3.111111x_8$
x_3	0.4444444444	$-0.333333x_{17} - 0.111111x_{22} + 0.444444x_4 + 0.444444x_6 + 0.777778x_7 + 0.222222x_8$
x_{23}	0.1111111111	$+1.666667x_{17} - 2.000000x_1 + 0.222222x_{22} - 5.888889x_4 + 1.000000x_{18} - 2.888889x_6 - 3.555556x_7 - 4.111111x_8$
x_{24}	1.2777777778	$+3.166667x_{17} + 0.500000x_1 + 0.055556x_{22} - 9.722222x_4 + 1.500000x_{18} + 1.277778x_6 - 4.888889x_7 - 6.111111x_8$
x_{25}	1.7777777778	$+0.666667x_{17} - 3.000000x_1 + 0.555556x_{22} + 2.777778x_4 - 2.222222x_6 + 1.111111x_7 - 0.111111x_8$
x_{26}	11.9444444444	$+0.166667x_{17} + 0.500000x_1 + 0.388889x_{22} + 0.944444x_4 - 0.500000x_{18} - 3.055556x_6 - 0.222222x_7 + 3.111111x_8$
x_{27}	8.7222222222	$+0.833333x_{17} + 0.500000x_1 - 0.055556x_{22} - 3.277778x_4 - 0.500000x_{18} - 1.277778x_6 - 4.111111x_7 - 1.111111x_8$
x_{28}	16.0	$-1.000000x_{17} - 1.000000x_1 + 1.000000x_4 + 5.000000x_6 + 0.000000x_7 + 3.000000x_8$
x_{29}	13.3888888889	$-0.166667x_{17} + 2.500000x_1 - 0.722222x_{22} + 1.388889x_4 - 0.500000x_{18} - 0.611111x_6 - 4.444444x_7 + 2.055556x_8$
z	7.2222222222	$-1.666667x_{17} - 0.555556x_{22} + 2.222222x_4 - 1.000000x_{18} - 1.777778x_6 - 0.111111x_7 + 5.111111x_8$

x_4 enters and x_{23} leaves

x_{15}	10.1320754717	$+0.981132x_{17} + 0.122642x_1 + 0.764151x_{22} - 0.688679x_{23} + 0.188679x_{18} - 0.933962x_6 - 4.226415x_7 - 2.000000x_4$
x_{16}	15.0	$-2.000000x_{17} - 4.000000x_1 - 0.000000x_{22} - 1.000000x_{23} - 1.000000x_{18} - 2.000000x_6 + 1.000000x_7 + 0.000000x_4$
x_2	3.32075471698	$-0.188679x_{17} - 1.273585x_1 + 0.141509x_{22} - 0.386792x_{23} - 0.113208x_{18} - 0.839623x_6 - 0.264151x_7 + 0.000000x_4$
x_5	3.18867924528	$-0.169811x_{17} + 0.103774x_1 - 0.122642x_{22} - 0.198113x_{23} - 0.301887x_{18} - 1.405660x_6 - 1.037736x_7 + 0.000000x_4$
x_{19}	15.7735849057	$-0.396226x_{17} - 2.424528x_1 + 0.047170x_{22} - 0.462264x_{23} - 0.037736x_{18} + 0.386792x_6 + 3.245283x_7 + 3.000000x_4$
x_{20}	24.1132075472	$-0.301887x_{17} + 1.462264x_1 - 0.273585x_{22} - 0.518868x_{23} - 0.981132x_{18} - 7.443396x_6 - 6.622642x_7 - 3.000000x_4$
x_{21}	20.4905660377	$-0.641509x_{17} - 0.830189x_1 - 0.018868x_{22} - 0.415094x_{23} - 0.584906x_{18} - 4.754717x_6 + 2.301887x_7 + 1.000000x_4$
x_3	0.452830188679	$-0.207547x_{17} - 0.150943x_1 - 0.094340x_{22} - 0.075472x_{23} + 0.075472x_{18} + 0.226415x_6 + 0.509434x_7 - 0.000000x_4$
x_4	0.0188679245283	$+0.283019x_{17} - 0.339623x_1 + 0.037736x_{22} - 0.169811x_{23} + 0.169811x_{18} - 0.490566x_6 - 0.603774x_7 - 0.000000x_4$
x_{24}	1.09433962264	$+0.415094x_{17} + 3.801887x_1 - 0.311321x_{22} + 1.650943x_{23} - 0.150943x_{18} + 6.047170x_6 + 0.981132x_7 + 1.000000x_4$
x_{25}	1.83018867925	$+1.452830x_{17} - 3.943396x_1 + 0.660377x_{22} - 0.471698x_{23} + 0.471698x_{18} - 3.584906x_6 - 0.566038x_7 - 2.000000x_4$
x_{26}	11.9622641509	$+0.433962x_{17} + 0.179245x_1 + 0.424528x_{22} - 0.160377x_{23} - 0.339623x_{18} - 3.518868x_6 - 0.792453x_7 + 2.000000x_4$
x_{27}	8.66037735849	$-0.094340x_{17} + 1.613208x_1 - 0.179245x_{22} + 0.556604x_{23} - 1.056604x_{18} + 0.330189x_6 - 2.132075x_7 + 0.000000x_4$
x_{28}	16.0188679245	$-0.716981x_{17} - 1.339623x_1 + 0.037736x_{22} - 0.169811x_{23} + 0.169811x_{18} + 4.509434x_6 - 0.603774x_7 + 2.000000x_4$
x_{29}	13.4150943396	$+0.226415x_{17} + 2.028302x_1 - 0.669811x_{22} - 0.235849x_{23} - 0.264151x_{18} - 1.292453x_6 - 5.283019x_7 + 1.000000x_4$
z	7.2641509434	$-1.037736x_{17} - 0.754717x_1 - 0.471698x_{22} - 0.377358x_{23} - 0.622642x_{18} - 2.867925x_6 - 1.452830x_7 + 3.000000x_4$

x_8 enters and x_4 leaves

x_{15}	10.075	$+0.125000x_{17} + 1.150000x_1 + 0.650000x_{22} - 0.175000x_{23} - 0.325000x_{18} + 0.550000x_6 - 2.400000x_7 + 3.025000x_4$
x_{16}	15.15	$+0.250000x_{17} - 6.700000x_1 + 0.300000x_{22} - 2.350000x_{23} + 0.350000x_{18} - 5.900000x_6 - 3.800000x_7 - 7.950000x_4$
x_2	3.325	$-0.125000x_{17} - 1.350000x_1 + 0.150000x_{22} - 0.425000x_{23} - 0.075000x_{18} - 0.950000x_6 - 0.400000x_7 - 0.225000x_4$
x_5	3.2	$+0.000000x_{17} - 0.100000x_1 - 0.100000x_{22} - 0.300000x_{23} - 0.200000x_{18} - 1.700000x_6 - 1.400000x_7 - 0.600000x_4$
x_{19}	15.85	$+0.750000x_{17} - 3.800000x_1 + 0.200000x_{22} - 1.150000x_{23} + 0.650000x_{18} - 1.600000x_6 + 0.800000x_7 - 4.050000x_4$
x_{20}	24.075	$-0.875000x_{17} + 2.150000x_1 - 0.350000x_{22} - 0.175000x_{23} - 1.325000x_{18} - 6.450000x_6 - 5.400000x_7 + 2.025000x_4$
x_{21}	20.525	$-0.125000x_{17} - 1.450000x_1 + 0.050000x_{22} - 0.725000x_{23} - 0.275000x_{18} - 5.650000x_6 + 1.200000x_7 - 1.825000x_4$
x_3	0.45	$-0.250000x_{17} - 0.100000x_1 - 0.100000x_{22} - 0.050000x_{23} + 0.050000x_{18} + 0.300000x_6 + 0.600000x_7 + 0.150000x_4$
x_8	0.025	$+0.375000x_{17} - 0.450000x_1 + 0.050000x_{22} - 0.225000x_{23} + 0.225000x_{18} - 0.650000x_6 - 0.800000x_7 - 1.325000x_4$
x_{24}	1.125	$+0.875000x_{17} + 3.250000x_1 - 0.250000x_{22} + 1.375000x_{23} + 0.125000x_{18} + 5.250000x_6 - 0.000000x_7 - 1.625000x_4$
x_{25}	1.775	$+0.625000x_{17} - 2.950000x_1 + 0.550000x_{22} + 0.025000x_{23} - 0.025000x_{18} - 2.150000x_6 + 1.200000x_7 + 2.925000x_4$
x_{26}	12.025	$+1.375000x_{17} - 0.950000x_1 + 0.550000x_{22} - 0.725000x_{23} + 0.225000x_{18} - 5.150000x_6 - 2.800000x_7 - 3.325000x_4$
x_{27}	8.675	$+0.125000x_{17} + 1.350000x_1 - 0.150000x_{22} + 0.425000x_{23} - 0.925000x_{18} - 0.050000x_6 - 2.600000x_7 - 0.775000x_4$
x_{28}	16.075	$+0.125000x_{17} - 2.350000x_1 + 0.150000x_{22} - 0.675000x_{23} + 0.675000x_{18} + 3.050000x_6 - 2.400000x_7 - 2.975000x_4$
x_{29}	13.45	$+0.750000x_{17} + 1.400000x_1 - 0.600000x_{22} - 0.550000x_{23} + 0.050000x_{18} - 2.200000x_6 - 6.400000x_7 - 1.850000x_4$
z	7.35	$+0.250000x_{17} - 2.300000x_1 - 0.300000x_{22} - 1.150000x_{23} + 0.150000x_{18} - 5.100000x_6 - 4.200000x_7 - 4.550000x_4$

x_{11} enters and x_3 leaves

x_{15}	11.6153846154	$-0.730769x_{17} + 0.807692x_1 + 0.307692x_{22} - 0.346154x_{23} - 0.153846x_{18} + 1.576923x_6 - 0.346154x_7 + 3.$
x_{16}	18.9230769231	$-1.846154x_{17} - 7.538462x_1 - 0.538462x_{22} - 2.769231x_{23} + 0.769231x_{18} - 3.384615x_6 + 1.230769x_7 - 6.$
x_2	3.30769230769	$-0.115385x_{17} - 1.346154x_1 + 0.153846x_{22} - 0.423077x_{23} - 0.076923x_{18} - 0.961538x_6 - 0.423077x_7 - 0.$
x_5	3.61538461538	$-0.230769x_{17} - 0.192308x_1 - 0.192308x_{22} - 0.346154x_{23} - 0.153846x_{18} - 1.423077x_6 - 0.846154x_7 - 0.$
x_{19}	16.2307692308	$+0.538462x_{17} - 3.884615x_1 + 0.115385x_{22} - 1.192308x_{23} + 0.692308x_{18} - 1.346154x_6 + 1.307692x_7 - 3.$
x_{20}	25.6153846154	$-1.730769x_{17} + 1.807692x_1 - 0.692308x_{22} - 0.346154x_{23} - 1.153846x_{18} - 5.423077x_6 - 3.346154x_7 + 2.$
x_{21}	22.3076923077	$-1.115385x_{17} - 1.846154x_1 - 0.346154x_{22} - 0.923077x_{23} - 0.076923x_{18} - 4.461538x_6 + 3.576923x_7 - 1.$
x_{11}	0.692307692308	$-0.384615x_{17} - 0.153846x_1 - 0.153846x_{22} - 0.076923x_{23} + 0.076923x_{18} + 0.461538x_6 + 0.923077x_7 + 0.$
x_8	0.769230769231	$-0.038462x_{17} - 0.615385x_1 - 0.115385x_{22} - 0.307692x_{23} + 0.307692x_{18} - 0.153846x_6 + 0.192308x_7 - 1.$
x_{24}	4.15384615385	$-0.807692x_{17} + 2.576923x_1 - 0.923077x_{22} + 1.038462x_{23} + 0.461538x_{18} + 7.269231x_6 + 4.038462x_7 - 0.$
x_{25}	4.76923076923	$-1.038462x_{17} - 3.615385x_1 - 0.115385x_{22} - 0.307692x_{23} + 0.307692x_{18} - 0.153846x_6 + 5.192308x_7 + 3.$
x_{26}	14.8461538462	$-0.192308x_{17} - 1.576923x_1 - 0.076923x_{22} - 1.038462x_{23} + 0.538462x_{18} - 3.269231x_6 + 0.961538x_7 - 2.$
x_{27}	10.0769230769	$-0.653846x_{17} + 1.038462x_1 - 0.461538x_{22} + 0.269231x_{23} - 0.769231x_{18} + 0.884615x_6 - 0.730769x_7 - 0.$
x_{28}	15.5384615385	$+0.423077x_{17} - 2.230769x_1 + 0.269231x_{22} - 0.615385x_{23} + 0.615385x_{18} + 2.692308x_6 - 3.115385x_7 - 3.$
x_{29}	16.4615384615	$-0.923077x_{17} + 0.730769x_1 - 1.269231x_{22} - 0.884615x_{23} + 0.384615x_{18} - 0.192308x_6 - 2.384615x_7 - 0.$
z	8.07692307692	$-0.153846x_{17} - 2.461538x_1 - 0.461538x_{22} - 1.230769x_{23} + 0.230769x_{18} - 4.615385x_6 - 3.230769x_7 - 4.$

x_{14} enters and x_2 leaves

x_{15}	8.90909090909	$-0.636364x_{17} + 1.909091x_1 + 0.181818x_{22} - 0.000000x_{23} - 0.090909x_{18} + 2.363636x_6 + 0.000000x_7 + 3.7.$
x_{16}	10.9545454545	$-1.568182x_{17} - 4.295455x_1 - 0.909091x_{22} - 1.750000x_{23} + 0.954545x_{18} - 1.068182x_6 + 2.250000x_7 - 6.1.$
x_{14}	1.95454545455	$-0.068182x_{17} - 0.795455x_1 + 0.090909x_{22} - 0.250000x_{23} - 0.045455x_{18} - 0.568182x_6 - 0.250000x_7 - 0.1.$
x_5	1.88636363636	$-0.170455x_{17} + 0.511364x_1 - 0.272727x_{22} - 0.125000x_{23} - 0.113636x_{18} - 0.920455x_6 - 0.625000x_7 - 0.3.$
x_{19}	13.75	$+0.625000x_{17} - 2.875000x_1 + 0.000000x_{22} - 0.875000x_{23} + 0.750000x_{18} - 0.625000x_6 + 1.625000x_7 - 3.7.$
x_{20}	26.8181818182	$-1.772727x_{17} + 1.318182x_1 - 0.636364x_{22} - 0.500000x_{23} - 1.181818x_{18} - 5.772727x_6 - 3.500000x_7 + 2.4.$
x_{21}	18.0227272727	$-0.965909x_{17} - 0.102273x_1 - 0.545455x_{22} - 0.375000x_{23} + 0.022727x_{18} - 3.215909x_6 + 4.125000x_7 - 0.9.$
x_{11}	2.04545454545	$-0.431818x_{17} - 0.704545x_1 - 0.090909x_{22} - 0.250000x_{23} + 0.045455x_{18} + 0.068182x_6 + 0.750000x_7 + 0.1.$
x_8	1.29545454545	$-0.056818x_{17} - 0.829545x_1 - 0.090909x_{22} - 0.375000x_{23} + 0.295455x_{18} - 0.306818x_6 + 0.125000x_7 - 1.1.$
x_{24}	16.1818181818	$-1.227273x_{17} - 2.318182x_1 - 0.363636x_{22} - 0.500000x_{23} + 0.181818x_{18} + 3.772727x_6 + 2.500000x_7 - 1.4.$
x_{25}	9.20454545455	$-1.193182x_{17} - 5.420455x_1 + 0.090909x_{22} - 0.875000x_{23} + 0.204545x_{18} - 1.443182x_6 + 4.625000x_7 + 3.6.$
x_{26}	10.6363636364	$-0.045455x_{17} + 0.136364x_1 - 0.272727x_{22} - 0.500000x_{23} + 0.636364x_{18} - 2.045455x_6 + 1.500000x_7 - 2.0.$
x_{27}	16.0909090909	$-0.863636x_{17} - 1.409091x_1 - 0.181818x_{22} - 0.500000x_{23} - 0.909091x_{18} - 0.863636x_6 - 1.500000x_7 - 0.7.$
x_{28}	19.5227272727	$+0.284091x_{17} - 3.852273x_1 + 0.454545x_{22} - 1.125000x_{23} + 0.522727x_{18} + 1.534091x_6 - 3.625000x_7 - 3.4.$
x_{29}	14.4318181818	$-0.852273x_{17} + 1.556818x_1 - 1.363636x_{22} - 0.625000x_{23} + 0.431818x_{18} + 0.397727x_6 - 2.125000x_7 - 0.7.$
z	8.22727272727	$-0.159091x_{17} - 2.522727x_1 - 0.454545x_{22} - 1.250000x_{23} + 0.227273x_{18} - 4.659091x_6 - 3.250000x_7 - 4.3.$

x_{18} enters and x_5 leaves

x_{15}	7.4	$-0.500000x_{17} + 1.500000x_1 + 0.400000x_{22} + 0.100000x_{23} + 0.800000x_5 + 3.100000x_6 + 0.500000x_7 + 4.000000x_4 +$
x_{16}	26.8	$-3.000000x_{17} - 0.000000x_1 - 3.200000x_{22} - 2.800000x_{23} - 8.400000x_5 - 8.800000x_6 - 3.000000x_7 - 9.000000x_4 -$
x_{14}	1.2	$+0.000000x_{17} - 1.000000x_1 + 0.200000x_{22} - 0.200000x_{23} + 0.400000x_5 - 0.200000x_6 + 0.000000x_7 - 0.000000x_4 +$
x_{18}	16.6	$-1.500000x_{17} + 4.500000x_1 - 2.400000x_{22} - 1.100000x_{23} - 8.800000x_5 - 8.100000x_6 - 5.500000x_7 - 3.000000x_4 -$
x_{19}	26.2	$-0.500000x_{17} + 0.500000x_1 - 1.800000x_{22} - 1.700000x_{23} - 6.600000x_5 - 6.700000x_6 - 2.500000x_7 - 6.000000x_4 -$
x_{20}	7.2	$-0.000000x_{17} - 4.000000x_1 + 2.200000x_{22} + 0.800000x_{23} + 10.400000x_5 + 3.800000x_6 + 3.000000x_7 + 6.000000x_4 +$
x_{21}	18.4	$-1.000000x_{17} + 0.000000x_1 - 0.600000x_{22} - 0.400000x_{23} - 0.200000x_5 - 3.400000x_6 + 4.000000x_7 - 1.000000x_4 +$
x_{11}	2.8	$-0.500000x_{17} - 0.500000x_1 - 0.200000x_{22} - 0.300000x_{23} - 0.400000x_5 - 0.300000x_6 + 0.500000x_7 + 0.000000x_4 +$
x_8	6.2	$-0.500000x_{17} + 0.500000x_1 - 0.800000x_{22} - 0.700000x_{23} - 2.600000x_5 - 2.700000x_6 - 1.500000x_7 - 2.000000x_4 -$
x_{24}	19.2	$-1.500000x_{17} - 1.500000x_1 - 0.800000x_{22} - 0.700000x_{23} - 1.600000x_5 + 2.300000x_6 + 1.500000x_7 - 2.000000x_4 +$
x_{25}	12.6	$-1.500000x_{17} - 4.500000x_1 - 0.400000x_{22} - 1.100000x_{23} - 1.800000x_5 - 3.100000x_6 + 3.500000x_7 + 3.000000x_4 -$
x_{26}	21.2	$-1.000000x_{17} + 3.000000x_1 - 1.800000x_{22} - 1.200000x_{23} - 5.600000x_5 - 7.200000x_6 - 2.000000x_7 - 4.000000x_4 -$
x_{27}	1.0	$+0.500000x_{17} - 5.500000x_1 + 2.000000x_{22} + 0.500000x_{23} + 8.000000x_5 + 6.500000x_6 + 3.500000x_7 + 2.000000x_4 +$
x_{28}	28.2	$-0.500000x_{17} - 1.500000x_1 - 0.800000x_{22} - 1.700000x_{23} - 4.600000x_5 - 2.700000x_6 - 6.500000x_7 - 5.000000x_4 -$
x_{29}	21.6	$-1.500000x_{17} + 3.500000x_1 - 2.400000x_{22} - 1.100000x_{23} - 3.800000x_5 - 3.100000x_6 - 4.500000x_7 - 2.000000x_4 -$
z	12.0	$-0.500000x_{17} - 1.500000x_1 - 1.000000x_{22} - 1.500000x_{23} - 2.000000x_5 - 6.500000x_6 - 4.500000x_7 - 5.000000x_4 -$

x_2 enters and x_{27} leaves

x_{15}	7.4666666667	$-0.466667x_{17} + 1.133333x_1 + 0.533333x_{22} + 0.133333x_{23} + 1.333333x_5 + 3.533333x_6 + 0.733333x_7 + 4.166667x_4 +$
x_{16}	27.9333333333	$-2.433333x_{17} - 6.233333x_1 - 0.933333x_{22} - 2.233333x_{23} + 0.666667x_5 - 1.433333x_6 + 0.966667x_7 - 6.733333x_4 -$
x_{14}	1.0666666667	$-0.066667x_{17} - 0.266667x_1 - 0.066667x_{22} - 0.266667x_{23} - 0.666667x_5 - 1.066667x_6 - 0.466667x_7 - 0.266667x_4 +$
x_{18}	17.3666666667	$-1.116667x_{17} + 0.283333x_1 - 0.866667x_{22} - 0.716667x_{23} - 2.666667x_5 - 3.116667x_6 - 2.816667x_7 - 1.466667x_4 -$
x_{19}	26.9	$-0.150000x_{17} - 3.350000x_1 - 0.400000x_{22} - 1.350000x_{23} - 1.000000x_5 - 2.150000x_6 - 0.050000x_7 - 4.650000x_4 -$
x_{20}	6.2333333333	$-0.483333x_{17} + 1.316667x_1 + 0.266667x_{22} + 0.316667x_{23} + 2.666667x_5 - 2.483333x_6 - 0.383333x_7 + 4.066667x_4 +$
x_{21}	18.6333333333	$-0.883333x_{17} - 1.283333x_1 - 0.133333x_{22} - 0.283333x_{23} + 1.666667x_5 - 1.883333x_6 + 4.816667x_7 - 0.566667x_4 -$
x_{11}	2.7666666667	$-0.516667x_{17} - 0.316667x_1 - 0.266667x_{22} - 0.316667x_{23} - 0.666667x_5 - 0.516667x_6 + 0.383333x_7 - 0.066667x_4 +$
x_8	6.4	$-0.400000x_{17} - 0.600000x_1 - 0.400000x_{22} - 0.600000x_{23} - 1.000000x_5 - 1.400000x_6 - 0.800000x_7 - 1.600000x_4 -$
x_{24}	18.7333333333	$-1.733333x_{17} + 1.066667x_1 - 1.733333x_{22} - 0.933333x_{23} - 5.333333x_5 - 0.733333x_6 - 0.133333x_7 - 2.933333x_4 -$
x_{25}	12.5333333333	$-1.533333x_{17} - 4.133333x_1 - 0.533333x_{22} - 1.133333x_{23} - 2.333333x_5 - 3.533333x_6 + 3.266667x_7 + 2.866667x_4 -$
x_{26}	21.9	$-0.650000x_{17} - 0.850000x_1 - 0.400000x_{22} - 0.850000x_{23} - 0.000000x_5 - 2.650000x_6 + 0.450000x_7 - 2.650000x_4 -$
x_2	0.1666666667	$+0.083333x_{17} - 0.916667x_1 + 0.333333x_{22} + 0.083333x_{23} + 1.333333x_5 + 1.083333x_6 + 0.583333x_7 + 0.333333x_4 +$
x_{28}	28.4	$-0.400000x_{17} - 2.600000x_1 - 0.400000x_{22} - 1.600000x_{23} - 3.000000x_5 - 1.400000x_6 - 5.800000x_7 - 4.600000x_4 -$
x_{29}	22.0333333333	$-1.283333x_{17} + 1.116667x_1 - 1.533333x_{22} - 0.883333x_{23} - 0.333333x_5 - 0.283333x_6 - 2.983333x_7 - 1.166667x_4 -$
z	12.1666666667	$-0.416667x_{17} - 2.416667x_1 - 0.666667x_{22} - 1.416667x_{23} - 0.666667x_5 - 5.416667x_6 - 3.916667x_7 - 4.666667x_4 -$

x_{-1} enters and Final Dictionary Solution: 12.1666666667 Num Pivots: 10