x_{14}	6.0	$-1.000000x_1 +3.000000x_2 +3.000000x_3 \qquad\qquad +1.000000x_6 +1.000000x_7 +1.000000x_8 +2.0($
x_{15}	9.0	$+2.000000x_1 -3.000000x_2 -2.000000x_3 +2.000000x_4 -3.000000x_5 -1.000000x_6 +1.000000x_7 \qquad +1.0($
x_{16}	7.0	$-3.000000x_1 -2.000000x_2 -3.000000x_3 +2.000000x_4 -2.000000x_5 -3.000000x_6 +1.000000x_7 -3.000000x_8 +3.0($
x_{17}	15.0	$+1.000000x_1 -1.000000x_2 +1.000000x_3 +3.000000x_4 -3.000000x_5 +2.000000x_6 -3.000000x_7 -3.000000x_8 +1.0($
x_{18}	13.0	$-1.000000x_1 -1.000000x_2 -3.000000x_3 -1.000000x_4 -3.000000x_5 +1.000000x_6 -1.000000x_7 +3.000000x_8 +3.0($
x_{19}	13.0	$-3.000000x_1 -1.000000x_2 +1.000000x_3 -3.000000x_4 \qquad -1.000000x_6$
x_{20}	14.0	$-1.000000x_1 -2.000000x_2 -2.000000x_3 -3.000000x_4 -1.000000x_5 +3.000000x_6 +2.000000x_7 +1.000000x_8 -2.0($
x_{21}	8.0	$-2.000000x_1 -1.000000x_2 -1.000000x_3 -3.000000x_4 -3.000000x_5 -1.000000x_6 \qquad -3.000000x_8 -3.0($
x_{22}	4.0	$+2.000000x_1 +3.000000x_2 +3.000000x_3 +2.000000x_4 \qquad +2.000000x_6 -2.000000x_7 -1.000000x_8$
x_{23}	4.0	$-3.000000x_1 +2.000000x_2 \qquad +3.000000x_4 +3.000000x_5 -1.000000x_6 +3.000000x_7 +1.000000x_8 -3.0($
x_{24}	15.0	$-3.000000x_1 +3.000000x_2 -2.000000x_3 +2.000000x_4 -2.000000x_5 -1.000000x_6 +2.000000x_7 -2.000000x_8 +2.0($
x_{25}	1.0	$+3.000000x_1 -1.000000x_2 +3.000000x_3 \qquad +3.000000x_5 -2.000000x_6 \qquad -2.000000x_8 -2.0($
x_{26}	13.0	$-1.000000x_1 +1.000000x_2 -2.000000x_3 -1.000000x_4 -1.000000x_5 +2.000000x_6 +3.000000x_7 +2.000000x_8 -3.0($
x_{27}	6.0	$+3.000000x_1 -2.000000x_2 +2.000000x_3 \qquad -2.000000x_5 -2.000000x_6 -1.000000x_7 +3.000000x_8 +1.0($
x_{28}	6.0	$+1.000000x_1 +3.000000x_2 \qquad +1.000000x_4 -2.000000x_5 -2.000000x_6 +2.000000x_7 +3.000000x_8 -3.0($
x_{29}	11.0	$+2.000000x_1 -1.000000x_2 \qquad +1.000000x_4 -3.000000x_5 -3.000000x_6 -1.000000x_7 +1.000000x_8 +3.0($
x_{30}	4.0	$-3.000000x_1 +2.000000x_2 +1.000000x_3 +2.000000x_4 +3.000000x_5 +2.000000x_6 +2.000000x_7 -2.000000x_8$
x_{31}	6.0	$-3.000000x_1 \qquad -1.000000x_3 +2.000000x_4 +1.000000x_5 -1.000000x_6 +1.000000x_7 +3.000000x_8 -3.0($
x_{32}	15.0	$-3.000000x_1 -2.000000x_2 -3.000000x_3 +1.000000x_4 \qquad -3.000000x_7 +3.000000x_8$
x_{33}	9.0	$-2.000000x_1 +3.000000x_2 +1.000000x_3 +1.000000x_4 -1.000000x_5 -1.000000x_6 +1.000000x_7 +2.000000x_8$
z	0.0	$-1.000000x_1 -1.000000x_2 +2.000000x_3 -2.000000x_4 +1.000000x_5 -2.000000x_6 -1.000000x_7$

No initialization required −¿ Proceed to Optimize.

x_3 enters and x_{16} leaves

x_{14}	13.0	$-4.000000x_1 +1.000000x_2 -1.000000x_{16} +2.000000x_4 -2.000000x_5 -2.000000x_6 +2.000000x_7 -2.000$
x_{15}	4.33333333333	$+4.000000x_1 -1.666667x_2 +0.666667x_{16} +0.666667x_4 -1.666667x_5 +1.000000x_6 +0.333333x_7 +2.000$
x_3	2.33333333333	$-1.000000x_1 -0.666667x_2 -0.333333x_{16} +0.666667x_4 -0.666667x_5 -1.000000x_6 +0.333333x_7 -1.000$
x_{17}	17.3333333333	$-1.666667x_2 -0.333333x_{16} +3.666667x_4 -3.666667x_5 +1.000000x_6 -2.666667x_7 -4.000$
x_{18}	6.0	$+2.000000x_1 +1.000000x_2 +1.000000x_{16} -3.000000x_4 -1.000000x_5 +4.000000x_6 -2.000000x_7 +6.000$
x_{19}	15.3333333333	$-4.000000x_1 -1.666667x_2 -0.333333x_{16} -2.333333x_4 -0.666667x_5 -2.000000x_6 +0.333333x_7 -1.000$
x_{20}	9.33333333333	$+1.000000x_1 -0.666667x_2 +0.666667x_{16} -4.333333x_4 +0.333333x_5 +5.000000x_6 +1.333333x_7 +3.000$
x_{21}	5.66666666667	$-1.000000x_1 -0.333333x_2 +0.333333x_{16} -3.666667x_4 -2.333333x_5 -0.333333x_7 -2.000$
x_{22}	11.0	$-1.000000x_1 +1.000000x_2 -1.000000x_{16} +4.000000x_4 -2.000000x_5 -1.000000x_6 -1.000000x_7 -4.000$
x_{23}	4.0	$-3.000000x_1 +2.000000x_2 +3.000000x_4 +3.000000x_5 -1.000000x_6 +3.000000x_7 +1.000$
x_{24}	10.3333333333	$-1.000000x_1 +4.333333x_2 +0.666667x_{16} +0.666667x_4 -0.666667x_5 +1.000000x_6 +1.333333x_7$
x_{25}	8.0	$-3.000000x_2 -1.000000x_{16} +2.000000x_4 +1.000000x_5 -5.000000x_6 +1.000000x_7 -5.000$
x_{26}	8.33333333333	$+1.000000x_1 +2.333333x_2 +0.666667x_{16} -2.333333x_4 +0.333333x_5 +4.000000x_6 +2.333333x_7 +4.000$
x_{27}	10.6666666667	$+1.000000x_1 -3.333333x_2 -0.666667x_{16} +1.333333x_4 -3.333333x_5 -4.000000x_6 -0.333333x_7 +1.000$
x_{28}	6.0	$+1.000000x_1 +3.000000x_2 +1.000000x_4 -2.000000x_5 -2.000000x_6 +2.000000x_7 +3.000$
x_{29}	11.0	$+2.000000x_1 -1.000000x_2 +1.000000x_4 -3.000000x_5 -3.000000x_6 -1.000000x_7 +1.000$
x_{30}	6.33333333333	$-4.000000x_1 +1.333333x_2 -0.333333x_{16} +2.666667x_4 +2.333333x_5 +1.000000x_6 +2.333333x_7 -3.000$
x_{31}	3.66666666667	$-2.000000x_1 +0.666667x_2 +0.333333x_{16} +1.333333x_4 +1.666667x_5 +0.666667x_7 +4.000$
x_{32}	8.0	$+1.000000x_{16} -1.000000x_4 +2.000000x_5 +3.000000x_6 -4.000000x_7 +6.000$
x_{33}	11.3333333333	$-3.000000x_1 +2.333333x_2 -0.333333x_{16} +1.666667x_4 -1.666667x_5 -2.000000x_6 +1.333333x_7 +1.000$
z	4.66666666667	$-3.000000x_1 -2.333333x_2 -0.666667x_{16} -0.666667x_4 -0.333333x_5 -4.000000x_6 -0.333333x_7 -2.000$

x_9 enters and x_{31} leaves

x_{14}	17.5833333333	$-6.500000x_1 +1.833333x_2 -0.583333x_{16} +3.666667x_4 +0.083333x_5 -2.000000x_6 +2.833333x_7 +3.000$
x_{15}	3.41666666667	$+4.500000x_1 -1.833333x_2 +0.583333x_{16} +0.333333x_4 -2.083333x_5 +1.000000x_6 +0.166667x_7 +1.000$
x_3	3.25	$-1.500000x_1 -0.500000x_2 -0.250000x_{16} +1.000000x_4 -0.250000x_5 -1.000000x_6 +0.500000x_7$
x_{17}	19.1666666667	$-1.000000x_1 -1.333333x_2 -0.166667x_{16} +4.333333x_4 -2.833333x_5 +1.000000x_6 -2.333333x_7 -2.000$
x_{18}	6.0	$+2.000000x_1 +1.000000x_2 +1.000000x_{16} -3.000000x_4 -1.000000x_5 +4.000000x_6 -2.000000x_7 +6.000$
x_{19}	16.25	$-4.500000x_1 -1.500000x_2 -0.250000x_{16} -2.000000x_4 -0.250000x_5 -2.000000x_6 +0.500000x_7$
x_{20}	5.66666666667	$+3.000000x_1 -1.333333x_2 +0.333333x_{16} -5.666667x_4 -1.333333x_5 +5.000000x_6 +0.666667x_7 -1.000$
x_{21}	2.0	$+1.000000x_1 -1.000000x_2 -5.000000x_4 -4.000000x_5 -1.000000x_7 -6.000$
x_{22}	13.75	$-2.500000x_1 +1.500000x_2 -0.750000x_{16} +5.000000x_4 -0.750000x_5 -1.000000x_6 -0.500000x_7 -1.000$
x_{23}	1.25	$-1.500000x_1 +1.500000x_2 -0.250000x_{16} +2.000000x_4 +1.750000x_5 -1.000000x_6 +2.500000x_7 -2.000$
x_{24}	10.3333333333	$-1.000000x_1 +4.333333x_2 +0.666667x_{16} +0.666667x_4 -0.666667x_5 +1.000000x_6 +1.333333x_7$
x_{25}	8.91666666667	$-0.500000x_1 -2.833333x_2 -0.916667x_{16} +2.333333x_4 +1.416667x_5 -5.000000x_6 +1.166667x_7 -4.000$
x_{26}	3.75	$+3.500000x_1 +1.500000x_2 +0.250000x_{16} -4.000000x_4 -1.750000x_5 +4.000000x_6 +1.500000x_7 -1.000$
x_{27}	13.4166666667	$-0.500000x_1 -2.833333x_2 -0.416667x_{16} +2.333333x_4 -2.083333x_5 -4.000000x_6 +0.166667x_7 +4.000$
x_{28}	3.25	$+2.500000x_1 +2.500000x_2 -0.250000x_{16} -3.250000x_5 -2.000000x_6 +1.500000x_7$
x_{29}	13.75	$+0.500000x_1 -0.500000x_2 +0.250000x_{16} +2.000000x_4 -1.750000x_5 -3.000000x_6 -0.500000x_7 +4.000$
x_{30}	7.25	$-4.500000x_1 +1.500000x_2 -0.250000x_{16} +3.000000x_4 +2.750000x_5 +1.000000x_6 +2.500000x_7 -2.000$
x_9	0.916666666667	$-0.500000x_1 +0.166667x_2 +0.083333x_{16} +0.333333x_4 +0.416667x_5 +0.166667x_7 +1.000$
x_{32}	5.25	$+1.500000x_1 -0.500000x_2 +0.750000x_{16} -2.000000x_4 +0.750000x_5 +3.000000x_6 -4.500000x_7 +3.000$
x_{33}	12.25	$-3.500000x_1 +2.500000x_2 -0.250000x_{16} +2.000000x_4 -1.250000x_5 -2.000000x_6 +1.500000x_7 +2.000$
z	6.5	$-4.000000x_1 -2.000000x_2 -0.500000x_{16} +0.500000x_5 -4.000000x_6$

x_5 enters and x_{21} leaves

x_{14}	17.625	$-6.479167x_1$	$+1.812500x_2$	$-0.583333x_{16}$	$+3.562500x_4$	$-0.020833x_{21}$	$-2.000000x_6$	$+2.812500x_7$	$+2.875000x_8$	$-$
x_{15}	2.375	$+3.979167x_1$	$-1.312500x_2$	$+0.583333x_{16}$	$+2.937500x_4$	$+0.520833x_{21}$	$+1.000000x_6$	$+0.687500x_7$	$+4.125000x_8$	$-$
x_3	3.125	$-1.562500x_1$	$-0.437500x_2$	$-0.250000x_{16}$	$+1.312500x_4$	$+0.062500x_{21}$	$-1.000000x_6$	$+0.562500x_7$	$+0.375000x_8$	$-$
x_{17}	17.75	$-1.708333x_1$	$-0.625000x_2$	$-0.166667x_{16}$	$+7.875000x_4$	$+0.708333x_{21}$	$+1.000000x_6$	$-1.625000x_7$	$+2.250000x_8$	$-$
x_{18}	5.5	$+1.750000x_1$	$+1.250000x_2$	$+1.000000x_{16}$	$-1.750000x_4$	$+0.250000x_{21}$	$+4.000000x_6$	$-1.750000x_7$	$+7.500000x_8$	$-$
x_{19}	16.125	$-4.562500x_1$	$-1.437500x_2$	$-0.250000x_{16}$	$-1.687500x_4$	$+0.062500x_{21}$	$-2.000000x_6$	$+0.562500x_7$	$+0.375000x_8$	$-$
x_{20}	5.0	$+2.666667x_1$	$-1.000000x_2$	$+0.333333x_{16}$	$-4.000000x_4$	$+0.333333x_{21}$	$+5.000000x_6$	$+1.000000x_7$	$+1.000000x_8$	$+$
x_5	0.5	$+0.250000x_1$	$-0.250000x_2$		$-1.250000x_4$	$-0.250000x_{21}$		$-0.250000x_7$	$-1.500000x_8$	$-$
x_{22}	13.375	$-2.687500x_1$	$+1.687500x_2$	$-0.750000x_{16}$	$+5.937500x_4$	$+0.187500x_{21}$	$-1.000000x_6$	$-0.312500x_7$	$+0.125000x_8$	$-$
x_{23}	2.125	$-1.062500x_1$	$+1.062500x_2$	$-0.250000x_{16}$	$-0.187500x_4$	$-0.437500x_{21}$	$-1.000000x_6$	$+2.062500x_7$	$-4.625000x_8$	$-$
x_{24}	10.0	$-1.166667x_1$	$+4.500000x_2$	$+0.666667x_{16}$	$+1.500000x_4$	$+0.166667x_{21}$	$+1.000000x_6$	$+1.500000x_7$	$+1.000000x_8$	$-$
x_{25}	9.625	$-0.145833x_1$	$-3.187500x_2$	$-0.916667x_{16}$	$+0.562500x_4$	$-0.354167x_{21}$	$-5.000000x_6$	$+0.812500x_7$	$-6.125000x_8$	$+$
x_{26}	2.875	$+3.062500x_1$	$+1.937500x_2$	$+0.250000x_{16}$	$-1.812500x_4$	$+0.437500x_{21}$	$+4.000000x_6$	$+1.937500x_7$	$+1.625000x_8$	$+$
x_{27}	12.375	$-1.020833x_1$	$-2.312500x_2$	$-0.416667x_{16}$	$+4.937500x_4$	$+0.520833x_{21}$	$-4.000000x_6$	$+0.687500x_7$	$+7.125000x_8$	$-$
x_{28}	1.625	$+1.687500x_1$	$+3.312500x_2$	$-0.250000x_{16}$	$+4.062500x_4$	$+0.812500x_{21}$	$-2.000000x_6$	$+2.312500x_7$	$+4.875000x_8$	$-$
x_{29}	12.875	$+0.062500x_1$	$-0.062500x_2$	$+0.250000x_{16}$	$+4.187500x_4$	$+0.437500x_{21}$	$-3.000000x_6$	$-0.062500x_7$	$+6.625000x_8$	$-$
x_{30}	8.625	$-3.812500x_1$	$+0.812500x_2$	$-0.250000x_{16}$	$-0.437500x_4$	$-0.687500x_{21}$	$+1.000000x_6$	$+1.812500x_7$	$-6.125000x_8$	$+$
x_9	1.125	$-0.395833x_1$	$+0.062500x_2$	$+0.083333x_{16}$	$-0.187500x_4$	$-0.104167x_{21}$		$+0.062500x_7$	$+0.375000x_8$	$-$
x_{32}	5.625	$+1.687500x_1$	$-0.687500x_2$	$+0.750000x_{16}$	$-2.937500x_4$	$-0.187500x_{21}$	$+3.000000x_6$	$-4.687500x_7$	$+1.875000x_8$	$+$
x_{33}	11.625	$-3.812500x_1$	$+2.812500x_2$	$-0.250000x_{16}$	$+3.562500x_4$	$+0.312500x_{21}$	$-2.000000x_6$	$+1.812500x_7$	$+3.875000x_8$	$-$
z	6.75	$-3.875000x_1$	$-2.125000x_2$	$-0.500000x_{16}$	$-0.625000x_4$	$-0.125000x_{21}$	$-4.000000x_6$	$-0.125000x_7$	$-0.750000x_8$	$-$

x_{13} enters and x_{28} leaves

x_{14}	18.7575757576	$-5.303030x_1$	$+4.121212x_2$	$-0.757576x_{16}$	$+6.393939x_4$	$+0.545455x_{21}$	$-3.393939x_6$	$+4.424242x_7$	$+6$
x_{15}	1.24242424242	$+2.803030x_1$	$-3.621212x_2$	$+0.757576x_{16}$	$+0.106061x_4$	$-0.045455x_{21}$	$+2.393939x_6$	$-0.924242x_7$	$+0$
x_3	3.27272727273	$-1.409091x_1$	$-0.136364x_2$	$-0.272727x_{16}$	$+1.681818x_4$	$+0.136364x_{21}$	$-1.181818x_6$	$+0.772727x_7$	$+0$
x_{17}	18.2424242424	$-1.196970x_1$	$+0.378788x_2$	$-0.242424x_{16}$	$+9.106061x_4$	$+0.954545x_{21}$	$+0.393939x_6$	$-0.924242x_7$	$+3$
x_{18}	4.90909090909	$+1.136364x_1$	$+0.045455x_2$	$+1.090909x_{16}$	$-3.227273x_4$	$-0.045455x_{21}$	$+4.727273x_6$	$-2.590909x_7$	$+5$
x_{19}	18.6363636364	$-1.954545x_1$	$+3.681818x_2$	$-0.636364x_{16}$	$+4.590909x_4$	$+1.318182x_{21}$	$-5.090909x_6$	$+4.136364x_7$	$+7$
x_{20}	1.06060606061	$-1.424242x_1$	$-9.030303x_2$	$+0.939394x_{16}$	$-13.848485x_4$	$-1.636364x_{21}$	$+9.848485x_6$	$-4.606061x_7$	-1
x_5	1.09090909091	$+0.863636x_1$	$+0.954545x_2$	$-0.090909x_{16}$	$+0.227273x_4$	$+0.045455x_{21}$	$-0.727273x_6$	$+0.590909x_7$	$+0$
x_{22}	11.4545454545	$-4.681818x_1$	$-2.227273x_2$	$-0.454545x_{16}$	$+1.136364x_4$	$-0.772727x_{21}$	$+1.363636x_6$	$-3.045455x_7$	-5
x_{23}	7.0	$+4.000000x_1$	$+11.000000x_2$	$-1.000000x_{16}$	$+12.000000x_4$	$+2.000000x_{21}$	$-7.000000x_6$	$+9.000000x_7$	$+1$
x_{24}	6.84848484848	$-4.439394x_1$	$-1.924242x_2$	$+1.151515x_{16}$	$-6.378788x_4$	$-1.409091x_{21}$	$+4.878788x_6$	$-2.984848x_7$	-8
x_{25}	9.9696969697	$+0.212121x_1$	$-2.484848x_2$	$-0.969697x_{16}$	$+1.424242x_4$	$-0.181818x_{21}$	$-5.424242x_6$	$+1.303030x_7$	-5
x_{26}	6.27272727273	$+6.590909x_1$	$+8.863636x_2$	$-0.272727x_{16}$	$+6.681818x_4$	$+2.136364x_{21}$	$-0.181818x_6$	$+6.772727x_7$	$+1$
x_{27}	12.4242424242	$-0.969697x_1$	$-2.212121x_2$	$-0.424242x_{16}$	$+5.060606x_4$	$+0.545455x_{21}$	$-4.060606x_6$	$+0.757576x_7$	$+7$
x_{13}	1.18181818182	$+1.227273x_1$	$+2.409091x_2$	$-0.181818x_{16}$	$+2.954545x_4$	$+0.590909x_{21}$	$-1.454545x_6$	$+1.681818x_7$	$+3$
x_{29}	11.5454545455	$-1.318182x_1$	$-2.772727x_2$	$+0.454545x_{16}$	$+0.863636x_4$	$-0.227273x_{21}$	$-1.363636x_6$	$-1.954545x_7$	$+2$
x_{30}	11.7272727273	$-0.590909x_1$	$+7.136364x_2$	$-0.727273x_{16}$	$+7.318182x_4$	$+0.863636x_{21}$	$-2.818182x_6$	$+6.227273x_7$	$+3$
x_9	0.878787878788	$-0.651515x_1$	$-0.439394x_2$	$+0.121212x_{16}$	$-0.803030x_4$	$-0.227273x_{21}$	$+0.303030x_6$	$-0.287879x_7$	-0
x_{32}	5.18181818182	$+1.227273x_1$	$-1.590909x_2$	$+0.818182x_{16}$	$-4.045455x_4$	$-0.409091x_{21}$	$+3.545455x_6$	$-5.318182x_7$	$+0$
x_{33}	12.3636363636	$-3.045455x_1$	$+4.318182x_2$	$-0.363636x_{16}$	$+5.409091x_4$	$+0.681818x_{21}$	$-2.909091x_6$	$+2.863636x_7$	$+6$
z	7.63636363636	$-2.954545x_1$	$-0.318182x_2$	$-0.636364x_{16}$	$+1.590909x_4$	$+0.318182x_{21}$	$-5.090909x_6$	$+1.136364x_7$	$+1$

x_4 enters and x_{20} leaves

x_{14}	19.2472647702	$-5.960613x_1$	$-0.048140x_2$	$-0.323851x_{16}$	$-0.461707x_{20}$	$-0.210066x_{21}$	$+1.153173x_6$	$+2.297593x_7$	$+1.$
x_{15}	1.25054704595	$+2.792123x_1$	$-3.690372x_2$	$+0.764770x_{16}$	$-0.007659x_{20}$	$-0.057987x_{21}$	$+2.469365x_6$	$-0.959519x_7$	$+0.$
x_3	3.40153172867	$-1.582057x_1$	$-1.233042x_2$	$-0.158643x_{16}$	$-0.121444x_{20}$	$-0.062363x_{21}$	$+0.014223x_6$	$+0.213348x_7$	$-0.$
x_{17}	18.9398249453	$-2.133479x_1$	$-5.559081x_2$	$+0.375274x_{16}$	$-0.657549x_{20}$	$-0.121444x_{21}$	$+6.869803x_6$	$-3.952954x_7$	$-3.$
x_{18}	4.66192560175	$+1.468271x_1$	$+2.149891x_2$	$+0.871991x_{16}$	$+0.233042x_{20}$	$+0.335886x_{21}$	$+2.432166x_6$	$-1.517505x_7$	$+8.$
x_{19}	18.9879649891	$-2.426696x_1$	$+0.688184x_2$	$-0.324945x_{16}$	$-0.331510x_{20}$	$+0.775711x_{21}$	$-1.826039x_6$	$+2.609409x_7$	$+4.$
x_4	0.0765864332604	$-0.102845x_1$	$-0.652079x_2$	$+0.067834x_{16}$	$-0.072210x_{20}$	$-0.118162x_{21}$	$+0.711160x_6$	$-0.332604x_7$	$-0.$
x_5	1.10831509847	$+0.840263x_1$	$+0.806346x_2$	$-0.075492x_{16}$	$-0.016411x_{20}$	$+0.018600x_{21}$	$-0.565646x_6$	$+0.515317x_7$	$+0.$
x_{22}	11.5415754923	$-4.798687x_1$	$-2.968271x_2$	$-0.377462x_{16}$	$-0.082057x_{20}$	$-0.907002x_{21}$	$+2.171772x_6$	$-3.423414x_7$	$-6.$
x_{23}	7.91903719912	$+2.765864x_1$	$+3.175055x_2$	$-0.185996x_{16}$	$-0.866521x_{20}$	$+0.582057x_{21}$	$+1.533917x_6$	$+5.008753x_7$	$+0.$
x_{24}	6.35995623632	$-3.783370x_1$	$+2.235230x_2$	$+0.718818x_{16}$	$+0.460613x_{20}$	$-0.655361x_{21}$	$+0.342451x_6$	$-0.863239x_7$	$-3.$
x_{25}	10.0787746171	$+0.065646x_1$	$-3.413567x_2$	$-0.873085x_{16}$	$-0.102845x_{20}$	$-0.350109x_{21}$	$-4.411379x_6$	$+0.829322x_7$	$-6.$
x_{26}	6.78446389497	$+5.903720x_1$	$+4.506565x_2$	$+0.180525x_{16}$	$-0.482495x_{20}$	$+1.346827x_{21}$	$+4.570022x_6$	$+4.550328x_7$	$+6.$
x_{27}	12.8118161926	$-1.490153x_1$	$-5.512035x_2$	$-0.080963x_{16}$	$-0.365427x_{20}$	$-0.052516x_{21}$	$-0.461707x_6$	$-0.925602x_7$	$+3.$
x_{13}	1.40809628009	$+0.923414x_1$	$+0.482495x_2$	$+0.018600x_{16}$	$-0.213348x_{20}$	$+0.241794x_{21}$	$+0.646608x_6$	$+0.699125x_7$	$+1.$
x_{29}	11.6115973742	$-1.407002x_1$	$-3.335886x_2$	$+0.513129x_{16}$	$-0.062363x_{20}$	$-0.329322x_{21}$	$-0.749453x_6$	$-2.241794x_7$	$+1.$
x_{30}	12.2877461707	$-1.343545x_1$	$+2.364333x_2$	$-0.230853x_{16}$	$-0.528446x_{20}$	$-0.001094x_{21}$	$+2.386214x_6$	$+3.793217x_7$	$-2.$
x_9	0.817286652079	$-0.568928x_1$	$+0.084245x_2$	$+0.066740x_{16}$	$+0.057987x_{20}$	$-0.132385x_{21}$	$-0.268053x_6$	$-0.020788x_7$	$+0.$
x_{32}	4.87199124726	$+1.643326x_1$	$+1.047046x_2$	$+0.543764x_{16}$	$+0.292123x_{20}$	$+0.068928x_{21}$	$+0.668490x_6$	$-3.972648x_7$	$+3.$
x_{33}	12.7778993435	$-3.601751x_1$	$+0.791028x_2$	$+0.003282x_{16}$	$-0.390591x_{20}$	$+0.042670x_{21}$	$+0.937637x_6$	$+1.064551x_7$	$+1.$
z	7.75820568928	$-3.118162x_1$	$-1.355580x_2$	$-0.528446x_{16}$	$-0.114880x_{20}$	$+0.130197x_{21}$	$-3.959519x_6$	$+0.607221x_7$	$+0.$

x_7 enters and x_4 leaves

x_{14}	19.7763157895	$-6.671053x_1$	$-4.552632x_2$	$+0.144737x_{16}$	$-0.960526x_{20}$	$-1.026316x_{21}$	$+6.065789x_6$	$-6.907895x_4$	$-$
x_{15}	1.02960526316	$+3.088816x_1$	$-1.809211x_2$	$+0.569079x_{16}$	$+0.200658x_{20}$	$+0.282895x_{21}$	$+0.417763x_6$	$+2.884868x_4$	$+$
x_3	3.45065789474	$-1.648026x_1$	$-1.651316x_2$	$-0.115132x_{16}$	$-0.167763x_{20}$	$-0.138158x_{21}$	$+0.470395x_6$	$-0.641447x_4$	$-$
x_{17}	18.0296052632	$-0.911184x_1$	$+2.190789x_2$	$-0.430921x_{16}$	$+0.200658x_{20}$	$+1.282895x_{21}$	$-1.582237x_6$	$+11.884868x_4$	$+$
x_{18}	4.3125	$+1.937500x_1$	$+5.125000x_2$	$+0.562500x_{16}$	$+0.562500x_{20}$	$+0.875000x_{21}$	$-0.812500x_6$	$+4.562500x_4$	$+$
x_{19}	19.5888157895	$-3.233553x_1$	$-4.427632x_2$	$+0.207237x_{16}$	$-0.898026x_{20}$	$-0.151316x_{21}$	$+3.753289x_6$	$-7.845395x_4$	$-$
x_7	0.230263157895	$-0.309211x_1$	$-1.960526x_2$	$+0.203947x_{16}$	$-0.217105x_{20}$	$-0.355263x_{21}$	$+2.138158x_6$	$-3.006579x_4$	$-$
x_5	1.22697368421	$+0.680921x_1$	$-0.203947x_2$	$+0.029605x_{16}$	$-0.128289x_{20}$	$-0.164474x_{21}$	$+0.536184x_6$	$-1.549342x_4$	$-$
x_{22}	10.7532894737	$-3.740132x_1$	$+3.743421x_2$	$-1.075658x_{16}$	$+0.661184x_{20}$	$+0.309211x_{21}$	$-5.148026x_6$	$+10.292763x_4$	$+$
x_{23}	9.07236842105	$+1.217105x_1$	$-6.644737x_2$	$+0.835526x_{16}$	$-1.953947x_{20}$	$-1.197368x_{21}$	$+12.243421x_6$	$-15.059211x_4$	$-$
x_{24}	6.16118421053	$-3.516447x_1$	$+3.927632x_2$	$+0.542763x_{16}$	$+0.648026x_{20}$	$-0.348684x_{21}$	$-1.503289x_6$	$+2.595395x_4$	$-$
x_{25}	10.2697368421	$-0.190789x_1$	$-5.039474x_2$	$-0.703947x_{16}$	$-0.282895x_{20}$	$-0.644737x_{21}$	$-2.638158x_6$	$-2.493421x_4$	$-$
x_{26}	7.83223684211	$+4.496711x_1$	$-4.414474x_2$	$+1.108553x_{16}$	$-1.470395x_{20}$	$-0.269737x_{21}$	$+14.299342x_6$	$-13.680921x_4$	$-$
x_{27}	12.5986842105	$-1.203947x_1$	$-3.697368x_2$	$-0.269737x_{16}$	$-0.164474x_{20}$	$+0.276316x_{21}$	$-2.440789x_6$	$+2.782895x_4$	$+$
x_{13}	1.56907894737	$+0.707237x_1$	$-0.888158x_2$	$+0.161184x_{16}$	$-0.365132x_{20}$	$-0.006579x_{21}$	$+2.141447x_6$	$-2.101974x_4$	$-$
x_{29}	11.0953947368	$-0.713816x_1$	$+1.059211x_2$	$+0.055921x_{16}$	$+0.424342x_{20}$	$+0.467105x_{21}$	$-5.542763x_6$	$+6.740132x_4$	$+$
x_{30}	13.1611842105	$-2.516447x_1$	$-5.072368x_2$	$+0.542763x_{16}$	$-1.351974x_{20}$	$-1.348684x_{21}$	$+10.496711x_6$	$-11.404605x_4$	$-$
x_9	0.8125	$-0.562500x_1$	$+0.125000x_2$	$+0.062500x_{16}$	$+0.062500x_{20}$	$-0.125000x_{21}$	$-0.312500x_6$	$+0.062500x_4$	$+$
x_{32}	3.95723684211	$+2.871711x_1$	$+8.835526x_2$	$-0.266447x_{16}$	$+1.154605x_{20}$	$+1.480263x_{21}$	$-7.825658x_6$	$+11.944079x_4$	$+$
x_{33}	13.0230263158	$-3.930921x_1$	$-1.296053x_2$	$+0.220395x_{16}$	$-0.621711x_{20}$	$-0.335526x_{21}$	$+3.213816x_6$	$-3.200658x_4$	$-$
z	7.89802631579	$-3.305921x_1$	$-2.546053x_2$	$-0.404605x_{16}$	$-0.246711x_{20}$	$-0.085526x_{21}$	$-2.661184x_6$	$-1.825658x_4$	$-$

x_{10} enters and x_7 leaves

x_{14}	18.2272727273	$-4.590909x_1$	$+8.636364x_2$	$-1.227273x_{16}$	$+0.500000x_{20}$	$+1.363636x_{21}$	$-8.318182x_6$	$+13.318182x_4$ +
x_{15}	2.83333333333	$+0.666667x_1$	$-17.166667x_2$	$+2.166667x_{16}$	$-1.500000x_{20}$	$-2.500000x_{21}$	$+17.166667x_6$	$-20.666667x_4$ -
x_3	2.74242424242	$-0.696970x_1$	$+4.378788x_2$	$-0.742424x_{16}$	$+0.500000x_{20}$	$+0.954545x_{21}$	$-6.106061x_6$	$+8.606061x_4$ -
x_{17}	18.7727272727	$-1.909091x_1$	$-4.136364x_2$	$+0.227273x_{16}$	$-0.500000x_{20}$	$+0.136364x_{21}$	$+5.318182x_6$	$+2.181818x_4$ -
x_{18}	4.90909090909	$+1.136364x_1$	$+0.045455x_2$	$+1.090909x_{16}$		$-0.045455x_{21}$	$+4.727273x_6$	$-3.227273x_4$ -
x_{19}	20.7575757576	$-4.803030x_1$	$-14.378788x_2$	$+1.242424x_{16}$	$-2.000000x_{20}$	$-1.954545x_{21}$	$+14.606061x_6$	$-23.106061x_4$ -
x_{10}	0.530303030303	$-0.712121x_1$	$-4.515152x_2$	$+0.469697x_{16}$	$-0.500000x_{20}$	$-0.818182x_{21}$	$+4.924242x_6$	$-6.924242x_4$ -
x_5	1.62121212121	$+0.151515x_1$	$-3.560606x_2$	$+0.378788x_{16}$	$-0.500000x_{20}$	$-0.772727x_{21}$	$+4.196970x_6$	$-6.696970x_4$ -
x_{22}	9.33333333333	$-1.833333x_1$	$+15.833333x_2$	$-2.333333x_{16}$	$+2.000000x_{20}$	$+2.500000x_{21}$	$-18.333333x_6$	$+28.833333x_4$ +
x_{23}	11.7727272727	$-2.409091x_1$	$-29.636364x_2$	$+3.227273x_{16}$	$-4.500000x_{20}$	$-5.363636x_{21}$	$+37.318182x_6$	$-50.318182x_4$ -
x_{24}	6.31818181818	$-3.727273x_1$	$+2.590909x_2$	$+0.681818x_{16}$	$+0.500000x_{20}$	$-0.590909x_{21}$	$-0.045455x_6$	$+0.545455x_4$ -
x_{25}	9.43939393939	$+0.924242x_1$	$+2.030303x_2$	$-1.439394x_{16}$	$+0.500000x_{20}$	$+0.636364x_{21}$	$-10.348485x_6$	$+8.348485x_4$ -
x_{26}	12.1060606061	$-1.242424x_1$	$-40.803030x_2$	$+4.893939x_{16}$	$-5.500000x_{20}$	$-6.863636x_{21}$	$+53.984848x_6$	$-69.484848x_4$ -
x_{27}	9.77272727273	$+2.590909x_1$	$+20.363636x_2$	$-2.772727x_{16}$	$+2.500000x_{20}$	$+4.636364x_{21}$	$-28.681818x_6$	$+39.681818x_4$ +
x_{13}	2.24242424242	$-0.196970x_1$	$-6.621212x_2$	$+0.757576x_{16}$	$-1.000000x_{20}$	$-1.045455x_{21}$	$+8.393939x_6$	$-10.893939x_4$ -
x_{29}	8.89393939394	$+2.242424x_1$	$+19.803030x_2$	$-1.893939x_{16}$	$+2.500000x_{20}$	$+3.863636x_{21}$	$-25.984848x_6$	$+35.484848x_4$ +
x_{30}	15.4393939394	$-5.575758x_1$	$-24.469697x_2$	$+2.560606x_{16}$	$-3.500000x_{20}$	$-4.863636x_{21}$	$+31.651515x_6$	$-41.151515x_4$ -
x_9	0.348484848485	$+0.060606x_1$	$+4.075758x_2$	$-0.348485x_{16}$	$+0.500000x_{20}$	$+0.590909x_{21}$	$-4.621212x_6$	$+6.121212x_4$ -
x_{32}	8.36363636364	$-3.045455x_1$	$-28.681818x_2$	$+3.636364x_{16}$	$-3.000000x_{20}$	$-5.318182x_{21}$	$+33.090909x_6$	$-45.590909x_4$ -
x_{33}	10.7727272727	$-0.909091x_1$	$+17.863636x_2$	$-1.772727x_{16}$	$+1.500000x_{20}$	$+3.136364x_{21}$	$-17.681818x_6$	$+26.181818x_4$ +
z	8.16666666667	$-3.666667x_1$	$-4.833333x_2$	$-0.166667x_{16}$	$-0.500000x_{20}$	$-0.500000x_{21}$	$-0.166667x_6$	$-5.333333x_4$ -

x_{28} enters and x_9 leaves

x_{14}	17.6	$-4.700000x_1$	$+1.300000x_2$	$-0.600000x_{16}$	$-0.400000x_{20}$	$+0.300000x_{21}$	$+0.000000x_6$	$+2.300000x_4$ $+2.6$
x_{15}	4.25714285714	$+0.914286x_1$	$-0.514286x_2$	$+0.742857x_{16}$	$+0.542857x_{20}$	$-0.085714x_{21}$	$-1.714286x_6$	$+4.342857x_4$ $+5.1$
x_3	2.31428571429	$-0.771429x_1$	$-0.628571x_2$	$-0.314286x_{16}$	$-0.114286x_{20}$	$+0.228571x_{21}$	$-0.428571x_6$	$+1.085714x_4$ $+0.0$
x_{17}	19.0714285714	$-1.857143x_1$	$-0.642857x_2$	$-0.071429x_{16}$	$-0.071429x_{20}$	$+0.642857x_{21}$	$+1.357143x_6$	$+7.428571x_4$ $+2.6$
x_{18}	5.02857142857	$+1.157143x_1$	$+1.442857x_2$	$+0.971429x_{16}$	$+0.171429x_{20}$	$+0.157143x_{21}$	$+3.142857x_6$	$-1.128571x_4$ $+7.4$
x_{19}	21.8428571429	$-4.614286x_1$	$-1.685714x_2$	$+0.157143x_{16}$	$-0.442857x_{20}$	$-0.114286x_{21}$	$+0.214286x_6$	$-4.042857x_4$ $+1.9$
x_{10}	0.928571428571	$-0.642857x_1$	$+0.142857x_2$	$+0.071429x_{16}$	$+0.071429x_{20}$	$-0.142857x_{21}$	$-0.357143x_6$	$+0.071429x_4$ $+0.3$
x_5	1.9	$+0.200000x_1$	$-0.300000x_2$	$+0.100000x_{16}$	$-0.100000x_{20}$	$-0.300000x_{21}$	$+0.500000x_6$	$-1.800000x_4$ -1.1
x_{22}	8.12857142857	$-2.042857x_1$	$+1.742857x_2$	$-1.128571x_{16}$	$+0.271429x_{20}$	$+0.457143x_{21}$	$-2.357143x_6$	$+7.671429x_4$ -1.4
x_{23}	14.3714285714	$-1.957143x_1$	$+0.757143x_2$	$+0.628571x_{16}$	$-0.771429x_{20}$	$-0.957143x_{21}$	$+2.857143x_6$	$-4.671429x_4$ -1.0
x_{24}	6.55714285714	$-3.685714x_1$	$+5.385714x_2$	$+0.442857x_{16}$	$+0.842857x_{20}$	$-0.185714x_{21}$	$-3.214286x_6$	$+4.742857x_4$ $+0.4$
x_{25}	8.97142857143	$+0.842857x_1$	$-3.442857x_2$	$-0.971429x_{16}$	$-0.171429x_{20}$	$-0.157143x_{21}$	$-4.142857x_6$	$+0.128571x_4$ -6.4
x_{26}	15.8	$-0.600000x_1$	$+2.400000x_2$	$+1.200000x_{16}$	$-0.200000x_{20}$	$-0.600000x_{21}$	$+5.000000x_6$	$-4.600000x_4$ $+5.8$
x_{27}	7.77142857143	$+2.242857x_1$	$-3.042857x_2$	$-0.771429x_{16}$	$-0.371429x_{20}$	$+1.242857x_{21}$	$-2.142857x_6$	$+4.528571x_4$ $+5.3$
x_{13}	2.8	$-0.100000x_1$	$-0.100000x_2$	$+0.200000x_{16}$	$-0.200000x_{20}$	$-0.100000x_{21}$	$+1.000000x_6$	$-1.100000x_4$ $+0.8$
x_{29}	7.17142857143	$+1.942857x_1$	$-0.342857x_2$	$-0.171429x_{16}$	$+0.028571x_{20}$	$+0.942857x_{21}$	$-3.142857x_6$	$+5.228571x_4$ $+4.7$
x_{30}	17.6	$-5.200000x_1$	$+0.800000x_2$	$+0.400000x_{16}$	$-0.400000x_{20}$	$-1.200000x_{21}$	$+3.000000x_6$	$-3.200000x_4$ -3.4
x_{28}	0.328571428571	$+0.057143x_1$	$+3.842857x_2$	$-0.328571x_{16}$	$+0.471429x_{20}$	$+0.557143x_{21}$	$-4.357143x_6$	$+5.771429x_4$ $+4.7$
x_{32}	10.8428571429	$-2.614286x_1$	$+0.314286x_2$	$+1.157143x_{16}$	$+0.557143x_{20}$	$-1.114286x_{21}$	$+0.214286x_6$	$-2.042857x_4$ $+3.9$
x_{33}	9.42857142857	$-1.142857x_1$	$+2.142857x_2$	$-0.428571x_{16}$	$-0.428571x_{20}$	$+0.857143x_{21}$	$+0.142857x_6$	$+2.571429x_4$ $+2.8$
z	8.38571428571	$-3.628571x_1$	$-2.271429x_2$	$-0.385714x_{16}$	$-0.185714x_{20}$	$-0.128571x_{21}$	$-3.071429x_6$	$-1.485714x_4$ -0.3

x_7 enters and x_{32} leaves

x_{14}	24.6026785714	$-6.388393x_1 +1.502976x_2 +0.147321x_{16} -0.040179x_{20} -0.419643x_{21} +0.138393x_6 +0.980655x_4 +5.1$
x_{15}	5.16071428571	$+0.696429x_1 -0.488095x_2 +0.839286x_{16} +0.589286x_{20} -0.178571x_{21} -1.696429x_6 +4.172619x_4 +5.4$
x_3	3.66964285714	$-1.098214x_1 -0.589286x_2 -0.169643x_{16} -0.044643x_{20} +0.089286x_{21} -0.401786x_6 +0.830357x_4 +0.5$
x_{17}	15.6830357143	$-1.040179x_1 -0.741071x_2 -0.433036x_{16} -0.245536x_{20} +0.991071x_{21} +1.290179x_6 +8.066964x_4 +1.3$
x_{18}	0.736607142857	$+2.191964x_1 +1.318452x_2 +0.513393x_{16} -0.049107x_{20} +0.598214x_{21} +3.058036x_6 -0.319940x_4 +5.8$
x_{19}	24.5535714286	$-5.267857x_1 -1.607143x_2 +0.446429x_{16} -0.303571x_{20} -0.392857x_{21} +0.267857x_6 -4.553571x_4 +2.9$
x_{10}	0.928571428571	$-0.642857x_1 +0.142857x_2 +0.071429x_{16} +0.071429x_{20} -0.142857x_{21} -0.357143x_6 +0.071429x_4 +0.3$
x_5	1.67410714286	$+0.254464x_1 -0.306548x_2 +0.075893x_{16} -0.111607x_{20} -0.276786x_{21} +0.495536x_6 -1.757440x_4 -1.1$
x_{22}	6.32142857143	$-1.607143x_1 +1.690476x_2 -1.321429x_{16} +0.178571x_{20} +0.642857x_{21} -2.392857x_6 +8.011905x_4 -2.1$
x_{23}	21.8258928571	$-3.754464x_1 +0.973214x_2 +1.424107x_{16} -0.388393x_{20} -1.723214x_{21} +3.004464x_6 -6.075893x_4 +1.6$
x_{24}	8.13839285714	$-4.066964x_1 +5.431548x_2 +0.611607x_{16} +0.924107x_{20} -0.348214x_{21} -3.183036x_6 +4.444940x_4 +0.9$
x_{25}	11.0044642857	$+0.352679x_1 -3.383929x_2 -0.754464x_{16} -0.066964x_{20} -0.366071x_{21} -4.102679x_6 -0.254464x_4 -5.7$
x_{26}	22.125	$-2.125000x_1 +2.583333x_2 +1.875000x_{16} +0.125000x_{20} -1.250000x_{21} +5.125000x_6 -5.791667x_4 +8.1$
x_{27}	9.35267857143	$+1.861607x_1 -2.997024x_2 -0.602679x_{16} -0.290179x_{20} +1.080357x_{21} -2.111607x_6 +4.230655x_4 +5.9$
x_{13}	3.47767857143	$-0.263393x_1 -0.080357x_2 +0.272321x_{16} -0.165179x_{20} -0.169643x_{21} +1.013393x_6 -1.227679x_4 +1.0$
x_{29}	6.26785714286	$+2.160714x_1 -0.369048x_2 -0.267857x_{16} -0.017857x_{20} +1.035714x_{21} -3.160714x_6 +5.398810x_4 +4.4$
x_{30}	23.4732142857	$-6.616071x_1 +0.970238x_2 +1.026786x_{16} -0.098214x_{20} -1.803571x_{21} +3.116071x_6 -4.306548x_4 -1.2$
x_{28}	4.62053571429	$-0.977679x_1 +3.967262x_2 +0.129464x_{16} +0.691964x_{20} +0.116071x_{21} -4.272321x_6 +4.962798x_4 +6.3$
x_7	2.25892857143	$-0.544643x_1 +0.065476x_2 +0.241071x_{16} +0.116071x_{20} -0.232143x_{21} +0.044643x_6 -0.425595x_4 +0.8$
x_{33}	13.9464285714	$-2.232143x_1 +2.273810x_2 +0.053571x_{16} -0.196429x_{20} +0.392857x_{21} +0.232143x_6 +1.720238x_4 +4.5$
z	8.61160714286	$-3.683036x_1 -2.264881x_2 -0.361607x_{16} -0.174107x_{20} -0.151786x_{21} -3.066964x_6 -1.528274x_4 -0.2$

x_{-1} enters and Final Dictionary Solution: 8.61160714286 Num Pivots: 9