x_9	7.0	$-1.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+1.000000x_7$	$+2.000000x_8$
x_{10}	1.0	$-3.000000x_1$	$-3.000000x_2$	$-1.000000x_3$	$-1.000000x_4$		$+1.000000x_6$	$-2.000000x_7$	$+3.000000x_8$
x_{11}	4.0		$-1.000000x_2$	$-1.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$+1.000000x_6$	$+2.000000x_7$	$-1.000000x_8$
x_{12}	12.0	$-1.000000x_1$	$-3.000000x_2$		$-2.000000x_4$		$-2.000000x_6$	$-1.000000x_7$	$+3.000000x_8$
x_{13}	8.0	$+1.000000x_1$	$+2.000000x_2$	$+3.000000x_3$	$-2.000000x_4$	$+3.000000x_5$		$+3.000000x_7$	$-2.000000x_8$
x_{14}	4.0	$-3.000000x_1$	$+3.000000x_2$		$+2.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$+3.000000x_7$	$-3.000000x_8$
x_{15}	6.0	$-2.000000x_1$		$+3.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$+3.000000x_6$	$-3.000000x_7$	$+1.000000x_8$
x_{16}	3.0	$+3.000000x_1$		$-2.000000x_3$	$-2.000000x_4$	$+3.000000x_5$	$-1.000000x_6$	$-2.000000x_7$	$-1.000000x_8$
x_{17}	5.0	$-2.000000x_1$		$-2.000000x_3$	$+3.000000x_4$	$+2.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$
x_{18}	7.0	$-1.000000x_1$	$+1.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$+1.000000x_5$	$+3.000000x_6$	$-2.000000x_7$	$-2.000000x_8$
x_{19}	2.0	$-3.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$+3.000000x_4$		$+3.000000x_6$	$-1.000000x_7$	$+1.000000x_8$
x_{20}	11.0	$+3.000000x_1$	$-1.000000x_2$	$-2.000000x_3$		$+1.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	$-2.000000x_8$
x_{21}	7.0	$-3.000000x_1$	$+2.000000x_2$	$-1.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$-2.000000x_6$		$+3.000000x_8$
x_{22}	14.0		$+2.000000x_2$	$+3.000000x_3$			$-2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$
x_{23}	1.0	$-3.000000x_1$	$+3.000000x_2$	$+3.000000x_3$			$-3.000000x_6$	$+3.000000x_7$	$-3.000000x_8$
z	0.0		$+1.000000x_2$	$-1.000000x_3$		$-1.000000x_5$			$-1.000000x_8$

No initialization required –¿ Proceed to Optimize.

x_9	7.0	$-1.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+1.000000x_7$	$+2.000000x_8$
x_{10}	1.0	$-3.000000x_1$	$-3.000000x_2$	$-1.000000x_3$	$-1.000000x_4$		$+1.000000x_6$	$-2.000000x_7$	$+3.000000x_8$
x_{11}	4.0		$-1.000000x_2$	$-1.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$+1.000000x_6$	$+2.000000x_7$	$-1.000000x_8$
x_{12}	12.0	$-1.000000x_1$	$-3.000000x_2$		$-2.000000x_4$		$-2.000000x_6$	$-1.000000x_7$	$+3.000000x_8$
x_{13}	8.0	$+1.000000x_1$	$+2.000000x_2$	$+3.000000x_3$	$-2.000000x_4$	$+3.000000x_5$		$+3.000000x_7$	$-2.000000x_8$
x_{14}	4.0	$-3.000000x_1$	$+3.000000x_2$		$+2.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$+3.000000x_7$	$-3.000000x_8$
x_{15}	6.0	$-2.000000x_1$		$+3.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$+3.000000x_6$	$-3.000000x_7$	$+1.000000x_8$
x_{16}	3.0	$+3.000000x_1$		$-2.000000x_3$	$-2.000000x_4$	$+3.000000x_5$	$-1.000000x_6$	$-2.000000x_7$	$-1.000000x_8$
x_{17}	5.0	$-2.000000x_1$		$-2.000000x_3$	$+3.000000x_4$	$+2.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$
x_{18}	7.0	$-1.000000x_1$	$+1.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$+1.000000x_5$	$+3.000000x_6$	$-2.000000x_7$	$-2.000000x_8$
x_{19}	2.0	$-3.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$+3.000000x_4$		$+3.000000x_6$	$-1.000000x_7$	$+1.000000x_8$
x_{20}	11.0	$+3.000000x_1$	$-1.000000x_2$	$-2.000000x_3$		$+1.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	$-2.000000x_8$
x_{21}	7.0	$-3.000000x_1$	$+2.000000x_2$	$-1.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$-2.000000x_6$		$+3.000000x_8$
x_{22}	14.0		$+2.000000x_2$	$+3.000000x_3$			$-2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$
x_{23}	1.0	$-3.000000x_1$	$+3.000000x_2$	$+3.000000x_3$			$-3.000000x_6$	$+3.000000x_7$	$-3.000000x_8$
z	0.0		$+1.000000x_2$	$-1.000000x_3$		$-1.000000x_5$			$-1.000000x_8$

x_2 enters and x_{10} leaves

1

x_9	8.0	$-4.000000x_1 -1.000000x_{10} \qquad -2.000000x_4 +2.000000x_5 +4.000000x_6 -1.000000x_7 +5.00\ldots$
x_2	0.333333333333	$-1.000000x_1 -0.333333x_{10} -0.333333x_3 -0.333333x_4 \qquad +0.333333x_6 -0.666667x_7 +1.00\ldots$
x_{11}	3.66666666667	$+1.000000x_1 +0.333333x_{10} -0.666667x_3 -1.666667x_4 -3.000000x_5 +0.666667x_6 +2.666667x_7 -2.00\ldots$
x_{12}	11.0	$+2.000000x_1 +1.000000x_{10} +1.000000x_3 -1.000000x_4 \qquad -3.000000x_6 +1.000000x_7$
x_{13}	8.66666666667	$-1.000000x_1 -0.666667x_{10} +2.333333x_3 -2.666667x_4 +3.000000x_5 +0.666667x_6 +1.666667x_7$
x_{14}	5.0	$-6.000000x_1 -1.000000x_{10} -1.000000x_3 +1.000000x_4 +3.000000x_5 +2.000000x_6 +1.000000x_7$
x_{15}	6.0	$-2.000000x_1 \qquad +3.000000x_3 +1.000000x_4 -1.000000x_5 +3.000000x_6 -3.000000x_7 +1.00\ldots$
x_{16}	3.0	$+3.000000x_1 \qquad -2.000000x_3 -2.000000x_4 +3.000000x_5 -1.000000x_6 -2.000000x_7 -1.00\ldots$
x_{17}	5.0	$-2.000000x_1 \qquad -2.000000x_3 +3.000000x_4 +2.000000x_5 +2.000000x_6 +1.000000x_7 +3.00\ldots$
x_{18}	7.33333333333	$-2.000000x_1 -0.333333x_{10} +1.666667x_3 +0.666667x_4 +1.000000x_5 +3.333333x_6 -2.666667x_7 -1.00\ldots$
x_{19}	3.0	$-6.000000x_1 -1.000000x_{10} +1.000000x_3 +2.000000x_4 \qquad +4.000000x_6 -3.000000x_7 +4.00\ldots$
x_{20}	10.6666666667	$+4.000000x_1 +0.333333x_{10} -1.666667x_3 +0.333333x_4 +1.000000x_5 -2.333333x_6 +3.666667x_7 -3.00\ldots$
x_{21}	7.66666666667	$-5.000000x_1 -0.666667x_{10} -1.666667x_3 -2.666667x_4 +2.000000x_5 -1.333333x_6 -1.333333x_7 +5.00\ldots$
x_{22}	14.6666666667	$-2.000000x_1 -0.666667x_{10} +2.333333x_3 -0.666667x_4 \qquad -1.333333x_6 -0.333333x_7 +5.00\ldots$
x_{23}	2.0	$-6.000000x_1 -1.000000x_{10} +2.000000x_3 -1.000000x_4 \qquad -2.000000x_6 +1.000000x_7$
z	0.333333333333	$-1.000000x_1 -0.333333x_{10} -1.333333x_3 -0.333333x_4 -1.000000x_5 +0.333333x_6 -0.666667x_7$

x_6 enters and x_{23} leaves

x_9	12.0	$-16.000000x_1 -3.000000x_{10} +4.000000x_3 -4.000000x_4 +2.000000x_5 -2.000000x_{23} +1.000000x_7 +5.0\ldots$
x_2	0.666666666667	$-2.000000x_1 -0.500000x_{10} \qquad -0.500000x_4 \qquad -0.166667x_{23} -0.500000x_7 +1.0\ldots$
x_{11}	4.33333333333	$-1.000000x_1 -0.000000x_{10} \qquad -2.000000x_4 -3.000000x_5 -0.333333x_{23} +3.000000x_7 -2.0\ldots$
x_{12}	8.0	$+11.000000x_1 +2.500000x_{10} -2.000000x_3 +0.500000x_4 \qquad +1.500000x_{23} -0.500000x_7$
x_{13}	9.33333333333	$-3.000000x_1 -1.000000x_{10} +3.000000x_3 -3.000000x_4 +3.000000x_5 -0.333333x_{23} +2.000000x_7$
x_{14}	7.0	$-12.000000x_1 -2.000000x_{10} +1.000000x_3 \qquad +3.000000x_5 -1.000000x_{23} +2.000000x_7$
x_{15}	9.0	$-11.000000x_1 -1.500000x_{10} +6.000000x_3 -0.500000x_4 -1.000000x_5 -1.500000x_{23} -1.500000x_7 +1.0\ldots$
x_{16}	2.0	$+6.000000x_1 +0.500000x_{10} -3.000000x_3 -1.500000x_4 +3.000000x_5 +0.500000x_{23} -2.500000x_7 -1.0\ldots$
x_{17}	7.0	$-8.000000x_1 -1.000000x_{10} \qquad +2.000000x_4 +2.000000x_5 -1.000000x_{23} +2.000000x_7 +3.0\ldots$
x_{18}	10.6666666667	$-12.000000x_1 -2.000000x_{10} +5.000000x_3 -1.000000x_4 +1.000000x_5 -1.666667x_{23} -1.000000x_7 -1.0\ldots$
x_{19}	7.0	$-18.000000x_1 -3.000000x_{10} +5.000000x_3 \qquad -2.000000x_{23} -1.000000x_7 +4.0\ldots$
x_{20}	8.33333333333	$+11.000000x_1 +1.500000x_{10} -4.000000x_3 +1.500000x_4 +1.000000x_5 +1.166667x_{23} +2.500000x_7 -3.0\ldots$
x_{21}	6.33333333333	$-1.000000x_1 +0.000000x_{10} -3.000000x_3 -2.000000x_4 +2.000000x_5 +0.666667x_{23} -2.000000x_7 +5.0\ldots$
x_{22}	13.3333333333	$+2.000000x_1 +0.000000x_{10} +1.000000x_3 +0.000000x_4 \qquad +0.666667x_{23} -1.000000x_7 +5.0\ldots$
x_6	1.0	$-3.000000x_1 -0.500000x_{10} +1.000000x_3 -0.500000x_4 \qquad -0.500000x_{23} +0.500000x_7$
z	0.666666666667	$-2.000000x_1 -0.500000x_{10} -1.000000x_3 -0.500000x_4 -1.000000x_5 -0.166667x_{23} -0.500000x_7$

x_{-1} enters and Final Dictionary Solution: 0.666666666667 Num Pivots: 2