x_{14} | 15.0 | $+1.000000x_1$ $+1.000000x_2$ $+1.000000x_3$ $-2.000000x_4$ $+1.000000x_6$ $-3.000000x_7$ $-1.000000x_8$ $+1.0($

x_{15} | 8.0 | $-3.000000x_1$ $-2.000000x_2$ $+1.000000x_3$ $-2.000000x_4$ $-1.000000x_5$ $+2.000000x_6$ $-2.000000x_7$ $+3.000000x_8$ $-2.0($

x_{16} | 12.0 | $+1.000000x_1$ $-1.000000x_2$ $+1.000000x_4$ $+3.000000x_5$ $-1.000000x_6$ $-3.000000x_7$ $-1.000000x_8$ $+2.0($

x_{17} | 14.0 | $-3.000000x_1$ $-2.000000x_2$ $+3.000000x_3$ $+1.000000x_4$ $-3.000000x_5$ $+1.000000x_6$ $-1.000000x_7$ $+2.000000x_8$ $-3.0($

x_{18} | 10.0 | $-2.000000x_1$ $+3.000000x_3$ $+3.000000x_4$ $-1.000000x_5$ $+3.000000x_6$ $-1.000000x_8$ $+3.0($

x_{19} | 15.0 | $+3.000000x_1$ $+2.000000x_2$ $-2.000000x_3$ $+2.000000x_4$ $+1.000000x_5$ $+2.000000x_7$ $+1.000000x_8$ $-1.0($

x_{20} | 2.0 | $+2.000000x_1$ $+2.000000x_2$ $+3.000000x_3$ $+2.000000x_4$ $-3.000000x_5$ $-2.000000x_6$ $+2.000000x_7$ $+1.000000x_8$ $+2.0($

x_{21} | 12.0 | $+1.000000x_1$ $+2.000000x_2$ $-3.000000x_3$ $-1.000000x_4$ $+3.000000x_5$ $-2.000000x_6$ $+1.000000x_7$ $-2.000000x_8$

x_{22} | 8.0 | $-3.000000x_1$ $-1.000000x_2$ $-1.000000x_3$ $-3.000000x_4$ $-1.000000x_5$ $-3.000000x_6$ $+2.000000x_7$ $+2.0($

x_{23} | 12.0 | $+2.000000x_1$ $+3.000000x_2$ $-1.000000x_3$ $-3.000000x_4$ $-2.000000x_5$ $-3.000000x_6$ $+2.000000x_7$ $-1.000000x_8$ $+1.0($

x_{24} | 12.0 | $+2.000000x_2$ $+1.000000x_3$ $+2.000000x_5$ $-2.000000x_6$ $-1.000000x_7$ $-2.0($

x_{25} | 10.0 | $-2.000000x_1$ $-1.000000x_2$ $+2.000000x_3$ $-3.000000x_4$ $+1.000000x_5$ $+2.000000x_6$ $+2.000000x_7$ $-3.000000x_8$ $+3.0($

x_{26} | 7.0 | $+2.000000x_1$ $-1.000000x_2$ $+3.000000x_3$ $-1.000000x_4$ $+1.000000x_5$ $-1.000000x_6$ $-1.000000x_7$ $-2.000000x_8$

x_{27} | 11.0 | $-2.000000x_1$ $+1.000000x_2$ $-3.000000x_3$ $-1.000000x_4$ $+3.000000x_5$ $-2.000000x_7$ $+1.000000x_8$ $-3.0($

x_{28} | 15.0 | $-3.000000x_1$ $+2.000000x_2$ $-1.000000x_3$ $+1.000000x_4$ $+1.000000x_5$ $+3.000000x_6$ $+2.000000x_7$ $+3.000000x_8$ $+3.0($

x_{29} | 13.0 | $+2.000000x_1$ $-2.000000x_2$ $-1.000000x_3$ $-1.000000x_4$ $+3.000000x_5$ $+1.000000x_6$ $+3.000000x_7$ $+1.000000x_8$ $+1.0($

x_{30} | 1.0 | $+2.000000x_1$ $+2.000000x_2$ $+3.000000x_3$ $-2.000000x_4$ $-2.000000x_5$ $-1.000000x_6$ $-3.000000x_7$ $-1.000000x_8$ $-1.0($

x_{31} | 1.0 | $+1.000000x_2$ $-3.000000x_3$ $+2.000000x_4$ $-3.000000x_5$ $-3.000000x_7$ $+3.0($

x_{32} | 15.0 | $-2.000000x_1$ $+1.000000x_2$ $-3.000000x_3$ $+2.000000x_4$ $+2.000000x_5$ $-2.000000x_7$ $-3.000000x_8$ $-2.0($

x_{33} | 1.0 | $-1.000000x_2$ $-3.000000x_3$ $+2.000000x_4$ $+1.000000x_5$ $+2.000000x_6$ $-3.000000x_7$ $-2.0($

z | 0.0 | $-1.000000x_1$ $-1.000000x_3$ $+1.000000x_4$ $+1.000000x_5$ $-1.000000x_6$ $-1.000000x_7$ $+1.000000x_8$ $+1.0($

No initialization required −¿ Proceed to Optimize.

x_{14} | 15.0 | $+1.000000x_1$ $+1.000000x_2$ $+1.000000x_3$ $-2.000000x_4$ $+1.000000x_6$ $-3.000000x_7$ $-1.000000x_8$ $+1.0($

x_{15} | 8.0 | $-3.000000x_1$ $-2.000000x_2$ $+1.000000x_3$ $-2.000000x_4$ $-1.000000x_5$ $+2.000000x_6$ $-2.000000x_7$ $+3.000000x_8$ $-2.0($

x_{16} | 12.0 | $+1.000000x_1$ $-1.000000x_2$ $+1.000000x_4$ $+3.000000x_5$ $-1.000000x_6$ $-3.000000x_7$ $-1.000000x_8$ $+2.0($

x_{17} | 14.0 | $-3.000000x_1$ $-2.000000x_2$ $+3.000000x_3$ $+1.000000x_4$ $-3.000000x_5$ $+1.000000x_6$ $-1.000000x_7$ $+2.000000x_8$ $-3.0($

x_{18} | 10.0 | $-2.000000x_1$ $+3.000000x_3$ $+3.000000x_4$ $-1.000000x_5$ $+3.000000x_6$ $-1.000000x_8$ $+3.0($

x_{19} | 15.0 | $+3.000000x_1$ $+2.000000x_2$ $-2.000000x_3$ $+2.000000x_4$ $+1.000000x_5$ $+2.000000x_7$ $+1.000000x_8$ $-1.0($

x_{20} | 2.0 | $+2.000000x_1$ $+2.000000x_2$ $+3.000000x_3$ $+2.000000x_4$ $-3.000000x_5$ $-2.000000x_6$ $+2.000000x_7$ $+1.000000x_8$ $+2.0($

x_{21} | 12.0 | $+1.000000x_1$ $+2.000000x_2$ $-3.000000x_3$ $-1.000000x_4$ $+3.000000x_5$ $-2.000000x_6$ $+1.000000x_7$ $-2.000000x_8$

x_{22} | 8.0 | $-3.000000x_1$ $-1.000000x_2$ $-1.000000x_3$ $-3.000000x_4$ $-1.000000x_5$ $-3.000000x_6$ $+2.000000x_7$ $+2.0($

x_{23} | 12.0 | $+2.000000x_1$ $+3.000000x_2$ $-1.000000x_3$ $-3.000000x_4$ $-2.000000x_5$ $-3.000000x_6$ $+2.000000x_7$ $-1.000000x_8$ $+1.0($

x_{24} | 12.0 | $+2.000000x_2$ $+1.000000x_3$ $+2.000000x_5$ $-2.000000x_6$ $-1.000000x_7$ $-2.0($

x_{25} | 10.0 | $-2.000000x_1$ $-1.000000x_2$ $+2.000000x_3$ $-3.000000x_4$ $+1.000000x_5$ $+2.000000x_6$ $+2.000000x_7$ $-3.000000x_8$ $+3.0($

x_{26} | 7.0 | $+2.000000x_1$ $-1.000000x_2$ $+3.000000x_3$ $-1.000000x_4$ $+1.000000x_5$ $-1.000000x_6$ $-1.000000x_7$ $-2.000000x_8$

x_{27} | 11.0 | $-2.000000x_1$ $+1.000000x_2$ $-3.000000x_3$ $-1.000000x_4$ $+3.000000x_5$ $-2.000000x_7$ $+1.000000x_8$ $-3.0($

x_{28} | 15.0 | $-3.000000x_1$ $+2.000000x_2$ $-1.000000x_3$ $+1.000000x_4$ $+1.000000x_5$ $+3.000000x_6$ $+2.000000x_7$ $+3.000000x_8$ $+3.0($

x_{29} | 13.0 | $+2.000000x_1$ $-2.000000x_2$ $-1.000000x_3$ $-1.000000x_4$ $+3.000000x_5$ $+1.000000x_6$ $+3.000000x_7$ $+1.000000x_8$ $+1.0($

x_{30} | 1.0 | $+2.000000x_1$ $+2.000000x_2$ $+3.000000x_3$ $-2.000000x_4$ $-2.000000x_5$ $-1.000000x_6$ $-3.000000x_7$ $-1.000000x_8$ $-1.0($

x_{31} | 1.0 | $+1.000000x_2$ $-3.000000x_3$ $+2.000000x_4$ $-3.000000x_5$ $-3.000000x_7$ $+3.0($

x_{32} | 15.0 | $-2.000000x_1$ $+1.000000x_2$ $-3.000000x_3$ $+2.000000x_4$ $+2.000000x_5$ $-2.000000x_7$ $-3.000000x_8$ $-2.0($

x_{33} | 1.0 | $-1.000000x_2$ $-3.000000x_3$ $+2.000000x_4$ $+1.000000x_5$ $+2.000000x_6$ $-3.000000x_7$ $-2.0($

z | 0.0 | $-1.000000x_1$ $-1.000000x_3$ $+1.000000x_4$ $+1.000000x_5$ $-1.000000x_6$ $-1.000000x_7$ $+1.000000x_8$ $+1.0($

x_4 enters and x_{30} leaves

x_{14}	14.0	$-1.000000x_1$	$-1.000000x_2$	$-2.000000x_3$	$+1.000000x_{30}$	$+2.000000x_5$	$+2.000000x_6$				$+2.0$
x_{15}	7.0	$-5.000000x_1$	$-4.000000x_2$	$-2.000000x_3$	$+1.000000x_{30}$	$+1.000000x_5$	$+3.000000x_6$	$+1.000000x_7$	$+4.000000x_8$	-1.0
x_{16}	12.5	$+2.000000x_1$		$+1.500000x_3$	$-0.500000x_{30}$	$+2.000000x_5$	$-1.500000x_6$	$-4.500000x_7$	$-1.500000x_8$	$+1.5$
x_{17}	14.5	$-2.000000x_1$	$-1.000000x_2$	$+4.500000x_3$	$-0.500000x_{30}$	$-4.000000x_5$	$+0.500000x_6$	$-2.500000x_7$	$+1.500000x_8$	-3.5
x_{18}	11.5	$+1.000000x_1$	$+3.000000x_2$	$+7.500000x_3$	$-1.500000x_{30}$	$-4.000000x_5$	$+1.500000x_6$	$-4.500000x_7$	$-2.500000x_8$	$+1.5$
x_{19}	16.0	$+5.000000x_1$	$+4.000000x_2$	$+1.000000x_3$	$-1.000000x_{30}$	$-1.000000x_5$	$-1.000000x_6$	$-1.000000x_7$		-2.0
x_{20}	3.0	$+4.000000x_1$	$+4.000000x_2$	$+6.000000x_3$	$-1.000000x_{30}$	$-5.000000x_5$	$-3.000000x_6$	$-1.000000x_7$		$+1.0$
x_{21}	11.5		$+1.000000x_2$	$-4.500000x_3$	$+0.500000x_{30}$	$+4.000000x_5$	$-1.500000x_6$	$+2.500000x_7$	$-1.500000x_8$	$+0.5$
x_{22}	6.5	$-6.000000x_1$	$-4.000000x_2$	$-5.500000x_3$	$+1.500000x_{30}$	$+2.000000x_5$	$-1.500000x_6$	$+6.500000x_7$	$+1.500000x_8$	$+3.5$
x_{23}	10.5	$-1.000000x_1$		$-5.500000x_3$	$+1.500000x_{30}$	$+1.000000x_5$	$-1.500000x_6$	$+6.500000x_7$	$+0.500000x_8$	$+2.5$
x_{24}	12.0		$+2.000000x_2$	$+1.000000x_3$		$+2.000000x_5$	$-2.000000x_6$	$-1.000000x_7$		-2.0
x_{25}	8.5	$-5.000000x_1$	$-4.000000x_2$	$-2.500000x_3$	$+1.500000x_{30}$	$+4.000000x_5$	$+3.500000x_6$	$+6.500000x_7$	$-1.500000x_8$	$+4.5$
x_{26}	6.5	$+1.000000x_1$	$-2.000000x_2$	$+1.500000x_3$	$+0.500000x_{30}$	$+2.000000x_5$	$-0.500000x_6$	$+0.500000x_7$	$-1.500000x_8$	$+0.5$
x_{27}	10.5	$-3.000000x_1$		$-4.500000x_3$	$+0.500000x_{30}$	$+4.000000x_5$	$+0.500000x_6$	$-0.500000x_7$	$+1.500000x_8$	-2.5
x_{28}	15.5	$-2.000000x_1$	$+3.000000x_2$	$+0.500000x_3$	$-0.500000x_{30}$		$+2.500000x_6$	$+0.500000x_7$	$+2.500000x_8$	$+2.5$
x_{29}	12.5	$+1.000000x_1$	$-3.000000x_2$	$-2.500000x_3$	$+0.500000x_{30}$	$+4.000000x_5$	$+1.500000x_6$	$+4.500000x_7$	$+1.500000x_8$	$+1.5$
x_4	0.5	$+1.000000x_1$	$+1.000000x_2$	$+1.500000x_3$	$-0.500000x_{30}$	$-1.000000x_5$	$-0.500000x_6$	$-1.500000x_7$	$-0.500000x_8$	-0.5
x_{31}	2.0	$+2.000000x_1$	$+3.000000x_2$		$-1.000000x_{30}$	$-5.000000x_5$	$-1.000000x_6$	$-6.000000x_7$	$-1.000000x_8$	$+2.0$
x_{32}	16.0		$+3.000000x_2$		$-1.000000x_{30}$		$-1.000000x_6$	$-5.000000x_7$	$-4.000000x_8$	-3.0
x_{33}	2.0	$+2.000000x_1$	$+1.000000x_2$		$-1.000000x_{30}$	$-1.000000x_5$	$+1.000000x_6$	$-6.000000x_7$	$-1.000000x_8$	-3.0
z	0.5		$+1.000000x_2$	$+0.500000x_3$	$-0.500000x_{30}$		$-1.500000x_6$	$-2.500000x_7$	$+0.500000x_8$	$+0.5$

x_2 enters and x_{22} leaves

x_{14}	12.375	$+0.500000x_1$	$+0.250000x_{22}$	$-0.625000x_3$	$+0.625000x_{30}$	$+1.500000x_5$	$+2.375000x_6$	$-1.625000x_7$	$-0.375000x_8$	
x_{15}	0.5	$+1.000000x_1$	$+1.000000x_{22}$	$+3.500000x_3$	$-0.500000x_{30}$	$-1.000000x_5$	$+4.500000x_6$	$-5.500000x_7$	$+2.500000x_8$	
x_{16}	12.5	$+2.000000x_1$		$+1.500000x_3$	$-0.500000x_{30}$	$+2.000000x_5$	$-1.500000x_6$	$-4.500000x_7$	$-1.500000x_8$	
x_{17}	12.875	$-0.500000x_1$	$+0.250000x_{22}$	$+5.875000x_3$	$-0.875000x_{30}$	$-4.500000x_5$	$+0.875000x_6$	$-4.125000x_7$	$+1.125000x_8$	
x_{18}	16.375	$-3.500000x_1$	$-0.750000x_{22}$	$+3.375000x_3$	$-0.375000x_{30}$	$-2.500000x_5$	$+0.375000x_6$	$+0.375000x_7$	$-1.375000x_8$	
x_{19}	22.5	$-1.000000x_1$	$-1.000000x_{22}$	$-4.500000x_3$	$+0.500000x_{30}$	$+1.000000x_5$	$-2.500000x_6$	$+5.500000x_7$	$+1.500000x_8$	
x_{20}	9.5	$-2.000000x_1$	$-1.000000x_{22}$	$+0.500000x_3$	$+0.500000x_{30}$	$-3.000000x_5$	$-4.500000x_6$	$+5.500000x_7$	$+1.500000x_8$	
x_{21}	13.125	$-1.500000x_1$	$-0.250000x_{22}$	$-5.875000x_3$	$+0.875000x_{30}$	$+4.500000x_5$	$-1.875000x_6$	$+4.125000x_7$	$-1.125000x_8$	
x_2	1.625	$-1.500000x_1$	$-0.250000x_{22}$	$-1.375000x_3$	$+0.375000x_{30}$	$+0.500000x_5$	$-0.375000x_6$	$+1.625000x_7$	$+0.375000x_8$	
x_{23}	10.5	$-1.000000x_1$		$-5.500000x_3$	$+1.500000x_{30}$	$+1.000000x_5$	$-1.500000x_6$	$+6.500000x_7$	$+0.500000x_8$	
x_{24}	15.25	$-3.000000x_1$	$-0.500000x_{22}$	$-1.750000x_3$	$+0.750000x_{30}$	$+3.000000x_5$	$-2.750000x_6$	$+2.250000x_7$	$+0.750000x_8$	
x_{25}	2.0	$+1.000000x_1$	$+1.000000x_{22}$	$+3.000000x_3$		$+2.000000x_5$	$+5.000000x_6$		$-3.000000x_8$	
x_{26}	3.25	$+4.000000x_1$	$+0.500000x_{22}$	$+4.250000x_3$	$-0.250000x_{30}$	$+1.000000x_5$	$+0.250000x_6$	$-2.750000x_7$	$-2.250000x_8$	
x_{27}	10.5	$-3.000000x_1$		$-4.500000x_3$	$+0.500000x_{30}$	$+4.000000x_5$	$+0.500000x_6$	$-0.500000x_7$	$+1.500000x_8$	
x_{28}	20.375	$-6.500000x_1$	$-0.750000x_{22}$	$-3.625000x_3$	$+0.625000x_{30}$	$+1.500000x_5$	$+1.375000x_6$	$+5.375000x_7$	$+3.625000x_8$	
x_{29}	7.625	$+5.500000x_1$	$+0.750000x_{22}$	$+1.625000x_3$	$-0.625000x_{30}$	$+2.500000x_5$	$+2.625000x_6$	$-0.375000x_7$	$+0.375000x_8$	
x_4	2.125	$-0.500000x_1$	$-0.250000x_{22}$	$+0.125000x_3$	$-0.125000x_{30}$	$-0.500000x_5$	$-0.875000x_6$	$+0.125000x_7$	$-0.125000x_8$	
x_{31}	6.875	$-2.500000x_1$	$-0.750000x_{22}$	$-4.125000x_3$	$+0.125000x_{30}$	$-3.500000x_5$	$-2.125000x_6$	$-1.125000x_7$	$+0.125000x_8$	
x_{32}	20.875	$-4.500000x_1$	$-0.750000x_{22}$	$-4.125000x_3$	$+0.125000x_{30}$	$+1.500000x_5$	$-2.125000x_6$	$-0.125000x_7$	$-2.875000x_8$	
x_{33}	3.625	$+0.500000x_1$	$-0.250000x_{22}$	$-1.375000x_3$	$-0.625000x_{30}$	$-0.500000x_5$	$+0.625000x_6$	$-4.375000x_7$	$-0.625000x_8$	
z	2.125	$-1.500000x_1$	$-0.250000x_{22}$	$-0.875000x_3$	$-0.125000x_{30}$	$+0.500000x_5$	$-1.875000x_6$	$-0.875000x_7$	$+0.875000x_8$	

x_5 enters and x_{15} leaves

$$
\begin{array}{c|l}
x_{14} & 13.125 \quad +2.000000x_1 +1.750000x_{22} +4.625000x_3 -0.125000x_{30} -1.500000x_{15} +9.125000x_6 -9.875000x_7 +3.37500\ldots \\
x_5 & 0.5 \quad +1.000000x_1 +1.000000x_{22} +3.500000x_3 -0.500000x_{30} -1.000000x_{15} +4.500000x_6 -5.500000x_7 +2.50000\ldots \\
x_{16} & 13.5 \quad +4.000000x_1 +2.000000x_{22} +8.500000x_3 -1.500000x_{30} -2.000000x_{15} +7.500000x_6 -15.500000x_7 +3.50000\ldots \\
x_{17} & 10.625 \quad -5.000000x_1 -4.250000x_{22} -9.875000x_3 +1.375000x_{30} +4.500000x_{15} -19.375000x_6 +20.625000x_7 -10.12500\ldots \\
x_{18} & 15.125 \quad -6.000000x_1 -3.250000x_{22} -5.375000x_3 +0.875000x_{30} +2.500000x_{15} -10.875000x_6 +14.125000x_7 -7.62500\ldots \\
x_{19} & 23.0 \quad \phantom{+0.000000x_{22}} -1.000000x_3 \phantom{+0.000000x_{30}} -1.000000x_{15} +2.000000x_6 +4.00000\ldots \\
x_{20} & 8.0 \quad -5.000000x_1 -4.000000x_{22} -10.000000x_3 +2.000000x_{30} +3.000000x_{15} -18.000000x_6 +22.000000x_7 -6.00000\ldots \\
x_{21} & 15.375 \quad +3.000000x_1 +4.250000x_{22} +9.875000x_3 -1.375000x_{30} -4.500000x_{15} +18.375000x_6 -20.625000x_7 +10.12500\ldots \\
x_2 & 1.875 \quad -1.000000x_1 +0.250000x_{22} +0.375000x_3 +0.125000x_{30} -0.500000x_{15} +1.875000x_6 -1.125000x_7 +1.62500\ldots \\
x_{23} & 11.0 \quad +1.000000x_{22} -2.000000x_3 +1.000000x_{30} -1.000000x_{15} +3.000000x_6 +1.000000x_7 +3.00000\ldots \\
x_{24} & 16.75 \quad +2.500000x_{22} +8.750000x_3 -0.750000x_{30} -3.000000x_{15} +10.750000x_6 -14.250000x_7 +8.25000\ldots \\
x_{25} & 3.0 \quad +3.000000x_1 +3.000000x_{22} +10.000000x_3 -1.000000x_{30} -2.000000x_{15} +14.000000x_6 -11.000000x_7 +2.00000\ldots \\
x_{26} & 3.75 \quad +5.000000x_1 +1.500000x_{22} +7.750000x_3 -0.750000x_{30} -1.000000x_{15} +4.750000x_6 -8.250000x_7 +0.25000\ldots \\
x_{27} & 12.5 \quad +1.000000x_1 +4.000000x_{22} +9.500000x_3 -1.500000x_{30} -4.000000x_{15} +18.500000x_6 -22.500000x_7 +11.50000\ldots \\
x_{28} & 21.125 \quad -5.000000x_1 +0.750000x_{22} +1.625000x_3 -0.125000x_{30} -1.500000x_{15} +8.125000x_6 -2.875000x_7 +7.37500\ldots \\
x_{29} & 8.875 \quad +8.000000x_1 +3.250000x_{22} +10.375000x_3 -1.875000x_{30} -2.500000x_{15} +13.875000x_6 -14.125000x_7 +6.62500\ldots \\
x_4 & 1.875 \quad -1.000000x_1 -0.750000x_{22} -1.625000x_3 +0.125000x_{30} +0.500000x_{15} -3.125000x_6 +2.875000x_7 -1.37500\ldots \\
x_{31} & 5.125 \quad -6.000000x_1 -4.250000x_{22} -16.375000x_3 +1.875000x_{30} +3.500000x_{15} -17.875000x_6 +18.125000x_7 -8.62500\ldots \\
x_{32} & 21.625 \quad -3.000000x_1 +0.750000x_{22} +1.125000x_3 -0.625000x_{30} -1.500000x_{15} +4.625000x_6 -8.375000x_7 +0.87500\ldots \\
x_{33} & 3.375 \quad -0.750000x_{22} -3.125000x_3 -0.375000x_{30} +0.500000x_{15} -1.625000x_6 -1.625000x_7 -1.87500\ldots \\
\hline
z & 2.375 \quad -1.000000x_1 +0.250000x_{22} +0.875000x_3 -0.375000x_{30} -0.500000x_{15} +0.375000x_6 -3.625000x_7 +2.12500\ldots \\
\end{array}
$$

x_3 enters and x_{31} leaves

$$
\begin{array}{c|l}
x_{14} & 14.572519084 \quad +0.305344x_1 +0.549618x_{22} -0.282443x_{31} +0.404580x_{30} -0.511450x_{15} +4.076336x_6 -4.755725x_7 +0\ldots \\
x_5 & 1.59541984733 \quad -0.282443x_1 +0.091603x_{22} -0.213740x_{31} -0.099237x_{30} -0.251908x_{15} +0.679389x_6 -1.625954x_7 +0\ldots \\
x_{16} & 16.1603053435 \quad +0.885496x_1 -0.206107x_{22} -0.519084x_{31} -0.526718x_{30} -0.183206x_{15} -1.778626x_6 -6.091603x_7 -0\ldots \\
x_{17} & 7.53435114504 \quad -1.381679x_1 -1.687023x_{22} +0.603053x_{31} +0.244275x_{30} +2.389313x_{15} -8.595420x_6 +9.694656x_7 -4\ldots \\
x_{18} & 13.4427480916 \quad -4.030534x_1 -1.854962x_{22} +0.328244x_{31} +0.259542x_{30} +1.351145x_{15} -5.007634x_6 +8.175573x_7 -4\ldots \\
x_{19} & 22.6870229008 \quad +0.366412x_1 +0.259542x_{22} +0.061069x_{31} -0.114504x_{30} -1.213740x_{15} +3.091603x_6 -1.106870x_7 +4\ldots \\
x_{20} & 4.87022900763 \quad -1.335878x_1 -1.404580x_{22} +0.610687x_{31} +0.854962x_{30} +0.862595x_{15} -7.083969x_6 +10.931298x_7 -0\ldots \\
x_{21} & 18.465648855 \quad -0.618321x_1 +1.687023x_{22} -0.603053x_{31} -0.244275x_{30} -2.389313x_{15} +7.595420x_6 -9.694656x_7 +4\ldots \\
x_2 & 1.99236641221 \quad -1.137405x_1 +0.152672x_{22} -0.022901x_{31} +0.167939x_{30} -0.419847x_{15} +1.465649x_6 -0.709924x_7 +1\ldots \\
x_{23} & 10.3740458015 \quad +0.732824x_1 +1.519084x_{22} +0.122137x_{31} +0.770992x_{30} -1.427481x_{15} +5.183206x_6 -1.213740x_7 +4\ldots \\
x_{24} & 19.4885496183 \quad -3.206107x_1 +0.229008x_{22} -0.534351x_{31} +0.251908x_{30} -1.129771x_{15} +1.198473x_6 -4.564885x_7 +3\ldots \\
x_{25} & 6.12977099237 \quad -0.664122x_1 +0.404580x_{22} -0.610687x_{31} +0.145038x_{30} +0.137405x_{15} +3.083969x_6 +0.068702x_7 -3\ldots \\
x_{26} & 6.17557251908 \quad +2.160305x_1 -0.511450x_{22} -0.473282x_{31} +0.137405x_{30} +0.656489x_{15} -3.709924x_6 +0.328244x_7 -3\ldots \\
x_{27} & 15.4732824427 \quad -2.480916x_1 +1.534351x_{22} -0.580153x_{31} -0.412214x_{30} -1.969466x_{15} +8.129771x_6 -11.984733x_7 +6\ldots \\
x_{28} & 21.6335877863 \quad -5.595420x_1 +0.328244x_{22} -0.099237x_{31} +0.061069x_{30} -1.152672x_{15} +6.351145x_6 -1.076336x_7 +6\ldots \\
x_{29} & 12.1221374046 \quad +4.198473x_1 +0.557252x_{22} -0.633588x_{31} -0.687023x_{30} -0.282443x_{15} +2.549618x_6 -2.641221x_7 +1\ldots \\
x_4 & 1.36641221374 \quad -0.404580x_1 -0.328244x_{22} +0.099237x_{31} -0.061069x_{30} +0.152672x_{15} -1.351145x_6 +1.076336x_7 -0\ldots \\
x_3 & 0.312977099237 \quad -0.366412x_1 -0.259542x_{22} -0.061069x_{31} +0.114504x_{30} +0.213740x_{15} -1.091603x_6 +1.106870x_7 -0\ldots \\
x_{32} & 21.9770992366 \quad -3.412214x_1 +0.458015x_{22} -0.068702x_{31} -0.496183x_{30} -1.259542x_{15} +3.396947x_6 -7.129771x_7 +0\ldots \\
x_{33} & 2.39694656489 \quad +1.145038x_1 +0.061069x_{22} +0.190840x_{31} -0.732824x_{30} -0.167939x_{15} +1.786260x_6 -5.083969x_7 -0\ldots \\
\hline
z & 2.64885496183 \quad -1.320611x_1 +0.022901x_{22} -0.053435x_{31} -0.274809x_{30} -0.312977x_{15} -0.580153x_6 -2.656489x_7 +1\ldots \\
\end{array}
$$

x_8 enters and x_3 leaves

3

x_{14}	15.1304347826	$-0.347826x_1$	$+0.086957x_{22}$	$-0.391304x_{31}$	$+0.608696x_{30}$	$-0.130435x_{15}$	$+2.130435x_6$	$-2.782609x_7$	
x_5	1.98550724638	$-0.739130x_1$	$-0.231884x_{22}$	$-0.289855x_{31}$	$+0.043478x_{30}$	$+0.014493x_{15}$	$-0.681159x_6$	$-0.246377x_7$	
x_{16}	15.5797101449	$+1.565217x_1$	$+0.275362x_{22}$	$-0.405797x_{31}$	$-0.739130x_{30}$	$-0.579710x_{15}$	$+0.246377x_6$	$-8.144928x_7$	
x_{17}	4.60869565217	$+2.043478x_1$	$+0.739130x_{22}$	$+1.173913x_{31}$	$-0.826087x_{30}$	$+0.391304x_{15}$	$+1.608696x_6$	$-0.652174x_7$	
x_{18}	10.5942028986	$-0.695652x_1$	$+0.507246x_{22}$	$+0.884058x_{31}$	$-0.782609x_{30}$	$-0.594203x_{15}$	$+4.927536x_6$	$-1.898551x_7$	
x_{19}	25.3768115942	$-2.782609x_1$	$-1.971014x_{22}$	$-0.463768x_{31}$	$+0.869565x_{30}$	$+0.623188x_{15}$	$-6.289855x_6$	$+8.405797x_7$	
x_{20}	4.4347826087	$-0.826087x_1$	$-1.043478x_{22}$	$+0.695652x_{31}$	$+0.695652x_{30}$	$+0.565217x_{15}$	$-5.565217x_6$	$+9.391304x_7$	
x_{21}	21.3913043478	$-4.043478x_1$	$-0.739130x_{22}$	$-1.173913x_{31}$	$+0.826087x_{30}$	$-0.391304x_{15}$	$-2.608696x_6$	$+0.652174x_7$	
x_2	2.84057971014	$-2.130435x_1$	$-0.550725x_{22}$	$-0.188406x_{31}$	$+0.478261x_{30}$	$+0.159420x_{15}$	$-1.492754x_6$	$+2.289855x_7$	
x_{23}	12.7826086957	$-2.086957x_1$	$-0.478261x_{22}$	$-0.347826x_{31}$	$+1.652174x_{30}$	$+0.217391x_{15}$	$-3.217391x_6$	$+7.304348x_7$	
x_{24}	21.652173913	$-5.739130x_1$	$-1.565217x_{22}$	$-0.956522x_{31}$	$+1.043478x_{30}$	$+0.347826x_{15}$	$-6.347826x_6$	$+3.086957x_7$	
x_{25}	4.1884057971	$+1.608696x_1$	$+2.014493x_{22}$	$-0.231884x_{31}$	$-0.565217x_{30}$	$-1.188406x_{15}$	$+9.855072x_6$	$-6.797101x_7$	
x_{26}	3.89855072464	$+4.826087x_1$	$+1.376812x_{22}$	$-0.028986x_{31}$	$-0.695652x_{30}$	$-0.898551x_{15}$	$+4.231884x_6$	$-7.724638x_7$	
x_{27}	19.3333333333	$-7.000000x_1$	$-1.666667x_{22}$	$-1.333333x_{31}$	$+1.000000x_{30}$	$+0.666667x_{15}$	$-5.333333x_6$	$+1.666667x_7$	
x_{28}	25.5072463768	$-10.130435x_1$	$-2.884058x_{22}$	$-0.855072x_{31}$	$+1.478261x_{30}$	$+1.492754x_{15}$	$-7.159420x_6$	$+12.623188x_7$	
x_{29}	12.8115942029	$+3.391304x_1$	$-0.014493x_{22}$	$-0.768116x_{31}$	$-0.434783x_{30}$	$+0.188406x_{15}$	$+0.144928x_6$	$-0.202899x_7$	
x_4	1.05797101449	$-0.043478x_1$	$-0.072464x_{22}$	$+0.159420x_{31}$	$-0.173913x_{30}$	$-0.057971x_{15}$	$-0.275362x_6$	$-0.014493x_7$	
x_8	0.594202898551	$-0.695652x_1$	$-0.492754x_{22}$	$-0.115942x_{31}$	$+0.217391x_{30}$	$+0.405797x_{15}$	$-2.072464x_6$	$+2.101449x_7$	
x_{32}	22.1449275362	$-3.608696x_1$	$+0.318841x_{22}$	$-0.101449x_{31}$	$-0.434783x_{30}$	$-1.144928x_{15}$	$+2.811594x_6$	$-6.536232x_7$	
x_{33}	2.26086956522	$+1.304348x_1$	$+0.173913x_{22}$	$+0.217391x_{31}$	$-0.782609x_{30}$	$-0.260870x_{15}$	$+2.260870x_6$	$-5.565217x_7$	
z	3.63768115942	$-2.478261x_1$	$-0.797101x_{22}$	$-0.246377x_{31}$	$+0.086957x_{30}$	$+0.362319x_{15}$	$-4.028986x_6$	$+0.840580x_7$	

x_7 enters and x_{33} leaves

x_{14}	14.0	$-1.000000x_1$	$+0.000000x_{22}$	$-0.500000x_{31}$	$+1.000000x_{30}$	$-0.000000x_{15}$	$+1.000000x_6$	$+0.500000x_{33}$	
x_5	1.88541666667	$-0.796875x_1$	$-0.239583x_{22}$	$-0.299479x_{31}$	$+0.078125x_{30}$	$+0.026042x_{15}$	$-0.781250x_6$	$+0.044271x_{33}$	
x_{16}	12.2708333333	$-0.343750x_1$	$+0.020833x_{22}$	$-0.723958x_{31}$	$+0.406250x_{30}$	$-0.197917x_{15}$	$-3.062500x_6$	$+1.463542x_{33}$	
x_{17}	4.34375	$+1.890625x_1$	$+0.718750x_{22}$	$+1.148437x_{31}$	$-0.734375x_{30}$	$+0.421875x_{15}$	$+1.343750x_6$	$+0.117188x_{33}$	
x_{18}	9.82291666667	$-1.140625x_1$	$+0.447917x_{22}$	$+0.809896x_{31}$	$-0.515625x_{30}$	$-0.505208x_{15}$	$+4.156250x_6$	$+0.341146x_{33}$	
x_{19}	28.7916666667	$-0.812500x_1$	$-1.708333x_{22}$	$-0.135417x_{31}$	$-0.312500x_{30}$	$+0.229167x_{15}$	$-2.875000x_6$	$-1.510417x_{33}$	
x_{20}	8.25	$+1.375000x_1$	$-0.750000x_{22}$	$+1.062500x_{31}$	$-0.625000x_{30}$	$+0.125000x_{15}$	$-1.750000x_6$	$-1.687500x_{33}$	
x_{21}	21.65625	$-3.890625x_1$	$-0.718750x_{22}$	$-1.148437x_{31}$	$+0.734375x_{30}$	$-0.421875x_{15}$	$-2.343750x_6$	$-0.117188x_{33}$	
x_2	3.77083333333	$-1.593750x_1$	$-0.479167x_{22}$	$-0.098958x_{31}$	$+0.156250x_{30}$	$+0.052083x_{15}$	$-0.562500x_6$	$-0.411458x_{33}$	
x_{23}	15.75	$-0.375000x_1$	$-0.250000x_{22}$	$-0.062500x_{31}$	$+0.625000x_{30}$	$-0.125000x_{15}$	$-0.250000x_6$	$-1.312500x_{33}$	
x_{24}	22.90625	$-5.015625x_1$	$-1.468750x_{22}$	$-0.835938x_{31}$	$+0.609375x_{30}$	$+0.203125x_{15}$	$-5.093750x_6$	$-0.554687x_{33}$	
x_{25}	1.42708333333	$+0.015625x_1$	$+1.802083x_{22}$	$-0.497396x_{31}$	$+0.390625x_{30}$	$-0.869792x_{15}$	$+7.093750x_6$	$+1.221354x_{33}$	
x_{26}	0.760416666667	$+3.015625x_1$	$+1.135417x_{22}$	$-0.330729x_{31}$	$+0.390625x_{30}$	$-0.536458x_{15}$	$+1.093750x_6$	$+1.388021x_{33}$	
x_{27}	20.0104166667	$-6.609375x_1$	$-1.614583x_{22}$	$-1.268229x_{31}$	$+0.765625x_{30}$	$+0.588542x_{15}$	$-4.656250x_6$	$-0.299479x_{33}$	
x_{28}	30.6354166667	$-7.171875x_1$	$-2.489583x_{22}$	$-0.361979x_{31}$	$-0.296875x_{30}$	$+0.901042x_{15}$	$-2.031250x_6$	$-2.268229x_{33}$	
x_{29}	12.7291666667	$+3.343750x_1$	$-0.020833x_{22}$	$-0.776042x_{31}$	$-0.406250x_{30}$	$+0.197917x_{15}$	$+0.062500x_6$	$+0.036458x_{33}$	
x_4	1.05208333333	$-0.046875x_1$	$-0.072917x_{22}$	$+0.158854x_{31}$	$-0.171875x_{30}$	$-0.057292x_{15}$	$-0.281250x_6$	$+0.002604x_{33}$	
x_8	1.44791666667	$-0.203125x_1$	$-0.427083x_{22}$	$-0.033854x_{31}$	$-0.078125x_{30}$	$+0.307292x_{15}$	$-1.218750x_6$	$-0.377604x_{33}$	
x_{32}	19.4895833333	$-5.140625x_1$	$+0.114583x_{22}$	$-0.356771x_{31}$	$+0.484375x_{30}$	$-0.838542x_{15}$	$+0.156250x_6$	$+1.174479x_{33}$	
x_7	0.40625	$+0.234375x_1$	$+0.031250x_{22}$	$+0.039062x_{31}$	$-0.140625x_{30}$	$-0.046875x_{15}$	$+0.406250x_6$	$-0.179688x_{33}$	
z	3.97916666667	$-2.281250x_1$	$-0.770833x_{22}$	$-0.213542x_{31}$	$-0.031250x_{30}$	$+0.322917x_{15}$	$-3.687500x_6$	$-0.151042x_{33}$	

x_9 enters and x_7 leaves

x_{14}	16.3636363636	$+0.363636x_1 +0.181818x_{22} -0.272727x_{31} +0.181818x_{30} -0.272727x_{15} +3.363636x_6 -0.545455x_{33} -$
x_5	2.72390572391	$-0.313131x_1 -0.175084x_{22} -0.218855x_{31} -0.212121x_{30} -0.070707x_{15} +0.057239x_6 -0.326599x_{33} -$
x_{16}	15.9831649832	$+1.797980x_1 +0.306397x_{22} -0.367003x_{31} -0.878788x_{30} -0.626263x_{15} +0.649832x_6 -0.178451x_{33} +$
x_{17}	0.383838383838	$-0.393939x_1 +0.414141x_{22} +0.767677x_{31} +0.636364x_{30} +0.878788x_{15} -2.616162x_6 +1.868687x_{33} +$
x_{18}	9.20875420875	$-1.494949x_1 +0.400673x_{22} +0.750842x_{31} -0.303030x_{30} -0.434343x_{15} +3.542088x_6 +0.612795x_{33} +$
x_{19}	28.7643097643	$-0.828283x_1 -1.710438x_{22} -0.138047x_{31} -0.303030x_{30} +0.232323x_{15} -2.902357x_6 -1.498316x_{33} -$
x_{20}	6.44444444444	$+0.333333x_1 -0.888889x_{22} +0.888889x_{31} +0.000000x_{30} +0.333333x_{15} -3.555556x_6 -0.888889x_{33} +$
x_{21}	24.0404040404	$-2.515152x_1 -0.535354x_{22} -0.919192x_{31} -0.090909x_{30} -0.696970x_{15} +0.040404x_6 -1.171717x_{33} -$
x_2	4.13468013468	$-1.383838x_1 -0.451178x_{22} -0.063973x_{31} +0.030303x_{30} +0.010101x_{15} -0.198653x_6 -0.572391x_{33} -$
x_{23}	15.4545454545	$-0.545455x_1 -0.272727x_{22} -0.090909x_{31} +0.727273x_{30} -0.090909x_{15} -0.545455x_6 -1.181818x_{33} -$
x_{24}	24.6666666667	$-4.000000x_1 -1.333333x_{22} -0.666667x_{31} +0.000000x_{30} +0.000000x_{15} -3.333333x_6 -1.333333x_{33} -$
x_{25}	2.46801346801	$+0.616162x_1 +1.882155x_{22} -0.397306x_{31} +0.030303x_{30} -0.989899x_{15} +8.134680x_6 +0.760943x_{33} +$
x_{26}	1.18855218855	$+3.262626x_1 +1.168350x_{22} -0.289562x_{31} +0.242424x_{30} -0.585859x_{15} +1.521886x_6 +1.198653x_{33} +$
x_{27}	22.835016835	$-4.979798x_1 -1.397306x_{22} -0.996633x_{31} -0.212121x_{30} +0.262626x_{15} -1.831650x_6 -1.548822x_{33} -1$
x_{28}	33.8047138047	$-5.343434x_1 -2.245791x_{22} -0.057239x_{31} -1.393939x_{30} +0.535354x_{15} +1.138047x_6 -3.670034x_{33} -1$
x_{29}	14.531986532	$+4.383838x_1 +0.117845x_{22} -0.602694x_{31} -1.030303x_{30} -0.010101x_{15} +1.865320x_6 -0.760943x_{33} -$
x_4	0.73063973064	$-0.232323x_1 -0.097643x_{22} +0.127946x_{31} -0.060606x_{30} -0.020202x_{15} -0.602694x_6 +0.144781x_{33} +$
x_8	1.83501683502	$+0.020202x_1 -0.397306x_{22} +0.003367x_{31} -0.212121x_{30} +0.262626x_{15} -0.831650x_6 -0.548822x_{33} -$
x_{32}	19.4882154882	$-5.141414x_1 +0.114478x_{22} -0.356902x_{31} +0.484848x_{30} -0.838384x_{15} +0.154882x_6 +1.175084x_{33} -$
x_9	0.525252525253	$+0.303030x_1 +0.040404x_{22} +0.050505x_{31} -0.181818x_{30} -0.060606x_{15} +0.525253x_6 -0.232323x_{33} +$
z	5.81481481481	$-1.222222x_1 -0.629630x_{22} -0.037037x_{31} -0.666667x_{30} +0.111111x_{15} -1.851852x_6 -0.962963x_{33} -$

x_{10} enters and x_{17} leaves

x_{14}	16.5490196078	$+0.173375x_1 +0.381837x_{22} +0.098039x_{31} +0.489164x_{30} +0.151703x_{15} +2.100103x_6 +0.357069x_{33} +$
x_5	2.77777777778	$-0.368421x_1 -0.116959x_{22} -0.111111x_{31} -0.122807x_{30} +0.052632x_{15} -0.309942x_6 -0.064327x_{33} +$
x_{16}	16.1241830065	$+1.653251x_1 +0.458548x_{22} -0.084967x_{31} -0.644995x_{30} -0.303406x_{15} -0.311318x_6 +0.508084x_{33} +$
x_{10}	0.0392156862745	$-0.040248x_1 +0.042312x_{22} +0.078431x_{31} +0.065015x_{30} +0.089783x_{15} -0.267286x_6 +0.190918x_{33} +$
x_{18}	9.09150326797	$-1.374613x_1 +0.274166x_{22} +0.516340x_{31} -0.497420x_{30} -0.702786x_{15} +4.341245x_6 +0.041968x_{33} +$
x_{19}	28.9346405229	$-1.003096x_1 -1.526660x_{22} +0.202614x_{31} -0.020640x_{30} +0.622291x_{15} -4.063295x_6 -0.669075x_{33} -$
x_{20}	6.66666666667	$+0.105263x_1 -0.649123x_{22} +1.333333x_{31} +0.368421x_{30} +0.842105x_{15} -5.070175x_6 +0.192982x_{33} +$
x_{21}	24.1568627451	$-2.634675x_1 -0.409701x_{22} -0.686275x_{31} +0.102167x_{30} -0.430341x_{15} -0.753354x_6 -0.604747x_{33} -$
x_2	4.22222222222	$-1.473684x_1 -0.356725x_{22} +0.111111x_{31} +0.175439x_{30} +0.210526x_{15} -0.795322x_6 -0.146199x_{33} -$
x_{23}	15.6470588235	$-0.743034x_1 -0.065015x_{22} +0.294118x_{31} +1.046440x_{30} +0.349845x_{15} -1.857585x_6 -0.244582x_{33} -$
x_{24}	24.7843137255	$-4.120743x_1 -1.206398x_{22} -0.431373x_{31} +0.195046x_{30} +0.269350x_{15} -4.135191x_6 -0.760578x_{33} -$
x_{25}	2.32026143791	$+0.767802x_1 +1.722738x_{22} -0.692810x_{31} -0.214654x_{30} -1.328173x_{15} +9.141727x_6 +0.041624x_{33} +$
x_{26}	0.97385620915	$+3.482972x_1 +0.936705x_{22} -0.718954x_{31} -0.113519x_{30} -1.077399x_{15} +2.985208x_6 +0.153423x_{33} +$
x_{27}	23.1503267974	$-5.303406x_1 -1.057104x_{22} -0.366013x_{31} +0.310630x_{30} +0.984520x_{15} -3.980736x_6 -0.013760x_{33} -$
x_{28}	34.4444444444	$-6.000000x_1 -1.555556x_{22} +1.222222x_{31} -0.333333x_{30} +2.000000x_{15} -3.222222x_6 -0.555556x_{33} -$
x_{29}	14.522875817	$+4.393189x_1 +0.108015x_{22} -0.620915x_{31} -1.045408x_{30} -0.030960x_{15} +1.927417x_6 -0.805298x_{33} -$
x_4	0.712418300654	$-0.213622x_1 -0.117303x_{22} +0.091503x_{31} -0.090815x_{30} -0.061920x_{15} -0.478500x_6 +0.056072x_{33} +$
x_8	1.91503267974	$-0.061920x_1 -0.310974x_{22} +0.163399x_{31} -0.079463x_{30} +0.445820x_{15} -1.377021x_6 -0.159271x_{33} -$
x_{32}	19.3202614379	$-4.969040x_1 -0.066735x_{22} -0.692810x_{31} +0.206398x_{30} -1.222910x_{15} +1.299622x_6 +0.357413x_{33} -$
x_9	0.549019607843	$+0.278638x_1 +0.066047x_{22} +0.098039x_{31} -0.142415x_{30} -0.006192x_{15} +0.363261x_6 -0.116615x_{33} +$
z	5.95424836601	$-1.365325x_1 -0.479188x_{22} +0.241830x_{31} -0.435501x_{30} +0.430341x_{15} -2.802202x_6 -0.284142x_{33} +$

x_3 enters and x_{21} leaves

5

x_{14}	26.510982659	$-0.913130x_1 +0.212882x_{22} -0.184971x_{31} +0.531296x_{30} -0.025764x_{15} +1.789430x_6 +0.107680x_{33} -$
x_5	3.13949903661	$-0.407872x_1 -0.123094x_{22} -0.121387x_{31} -0.121277x_{30} +0.046188x_{15} -0.321222x_6 -0.073383x_{33} -$
x_{16}	35.7183044316	$-0.483788x_1 +0.126232x_{22} -0.641618x_{31} -0.562125x_{30} -0.652464x_{15} -0.922378x_6 +0.017561x_{33} -$
x_{10}	3.41040462428	$-0.407927x_1 -0.014864x_{22} -0.017341x_{31} +0.079273x_{30} +0.029727x_{15} -0.372419x_6 +0.106524x_{33} -$
x_{18}	33.1672447013	$-4.000440x_1 -0.134159x_{22} -0.167630x_{31} -0.395596x_{30} -1.131682x_{15} +3.590421x_6 -0.560749x_{33} -$
x_{19}	12.8712909441	$+0.748858x_1 -1.254225x_{22} +0.658960x_{31} -0.088577x_{30} +0.908450x_{15} -3.562345x_6 -0.266942x_{33} +$
x_{20}	32.6427745665	$-2.727828x_1 -1.089678x_{22} +0.595376x_{31} +0.478282x_{30} +0.379356x_{15} -5.880264x_6 -0.457308x_{33} -1$
x_3	3.86589595376	$-0.421635x_1 -0.065566x_{22} -0.109827x_{31} +0.016350x_{30} -0.068869x_{15} -0.120562x_6 -0.096780x_{33} -$
x_2	2.23275529865	$-1.256702x_1 -0.322984x_{22} +0.167630x_{31} +0.167024x_{30} +0.245968x_{15} -0.733278x_6 -0.096394x_{33} +$
x_{23}	4.4323699422	$+0.480099x_1 +0.125186x_{22} +0.612717x_{31} +0.999009x_{30} +0.549628x_{15} -1.507845x_6 +0.036168x_{33} +$
x_{24}	10.4138728324	$-2.553427x_1 -0.962675x_{22} -0.023121x_{31} +0.134269x_{30} +0.525351x_{15} -3.687036x_6 -0.400826x_{33} +$
x_{25}	12.319460501	$-0.322764x_1 +1.553152x_{22} -0.976879x_{31} -0.172364x_{30} -1.506303x_{15} +8.829893x_6 -0.208698x_{33} -$
x_{26}	8.62851637765	$+2.648115x_1 +0.806881x_{22} -0.936416x_{31} -0.081145x_{30} -1.213763x_{15} +2.746491x_6 -0.038205x_{33} -$
x_{27}	5.17996146435	$-3.343463x_1 -0.752326x_{22} +0.144509x_{31} +0.234627x_{30} +1.304652x_{15} -3.420314x_6 +0.436113x_{33} +$
x_{28}	47.7603082852	$-7.452298x_1 -1.781393x_{22} +0.843931x_{31} -0.277016x_{30} +1.762786x_{15} -3.637490x_6 -0.888907x_{33} -$
x_{29}	6.50250481696	$+5.267933x_1 +0.244041x_{22} -0.393064x_{31} -1.079328x_{30} +0.111919x_{15} +2.177539x_6 -0.604514x_{33} +$
x_4	2.71252408478	$-0.431764x_1 -0.151225x_{22} +0.034682x_{31} -0.082356x_{30} -0.097550x_{15} -0.540875x_6 +0.006001x_{33} -$
x_8	2.37649325626	$-0.112249x_1 -0.318800x_{22} +0.150289x_{31} -0.077512x_{30} +0.437600x_{15} -1.391412x_6 -0.170823x_{33} -$
x_{32}	0.833911368015	$-2.952821x_1 +0.246793x_{22} -0.167630x_{31} +0.128214x_{30} -0.893587x_{15} +1.876135x_6 +0.820204x_{33} +$
x_9	2.98265895954	$+0.013212x_1 +0.024773x_{22} +0.028902x_{31} -0.132122x_{30} -0.049546x_{15} +0.287366x_6 -0.177539x_{33} -$
z	7.34527938343	$-1.517038x_1 -0.502780x_{22} +0.202312x_{31} -0.429617x_{30} +0.405560x_{15} -2.845582x_6 -0.318965x_{33} -$

x_{15} enters and x_{32} leaves

x_{14}	26.486939379	$-0.827994x_1 +0.205766x_{22} -0.180138x_{31} +0.527600x_{30} +0.028832x_{32} +1.735338x_6 +0.084032x_{33} -$
x_5	3.18260226713	$-0.560498x_1 -0.110338x_{22} -0.130052x_{31} -0.114650x_{30} -0.051688x_{32} -0.224248x_6 -0.030988x_{33} +$
x_{16}	35.1094135042	$+1.672252x_1 -0.053967x_{22} -0.519221x_{31} -0.655742x_{30} +0.730163x_{32} -2.292262x_6 -0.581321x_{33} -$
x_{10}	3.43814687038	$-0.506161x_1 -0.006654x_{22} -0.022918x_{31} +0.083539x_{30} -0.033268x_{32} -0.310005x_6 +0.133810x_{33} -$
x_{18}	32.1111384919	$-0.260843x_1 -0.446710x_{22} +0.044665x_{31} -0.557972x_{30} +1.266449x_{32} +1.214391x_6 -1.599495x_{33} -$
x_{19}	13.7190734352	$-2.253080x_1 -1.003327x_{22} +0.488541x_{31} +0.041769x_{30} -1.016634x_{32} -1.655002x_6 +0.566905x_{33} +$
x_{20}	32.9967964515	$-3.981395x_1 -0.984906x_{22} +0.524211x_{31} +0.532713x_{30} -0.424532x_{32} -5.083785x_6 -0.109105x_{33} -$
x_3	3.80162641695	$-0.194061x_1 -0.084586x_{22} -0.096907x_{31} +0.006469x_{30} +0.077070x_{32} -0.265155x_6 -0.159993x_{33} -$
x_2	2.46229669788	$-2.069492x_1 -0.255052x_{22} +0.121488x_{31} +0.202316x_{30} -0.275259x_{32} -0.216856x_6 +0.129374x_{33} +$
x_{23}	4.94529324791	$-1.336126x_1 +0.276984x_{22} +0.509611x_{31} +1.077871x_{30} -0.615081x_{32} -0.353869x_6 +0.540660x_{33} +$
x_{24}	10.9041399704	$-4.289428x_1 -0.817583x_{22} -0.121673x_{31} +0.209648x_{30} -0.587913x_{32} -2.584032x_6 +0.081382x_{33} -$
x_{25}	10.9137506161	$+4.654756x_1 +1.137137x_{22} -0.694308x_{31} -0.388492x_{30} +1.685683x_{32} +5.667324x_6 -1.591301x_{33} -$
x_{26}	7.49581074421	$+6.658945x_1 +0.471661x_{22} -0.708724x_{31} -0.255298x_{30} +1.358305x_{32} +0.198127x_6 -1.152292x_{33} -$
x_{27}	6.39748644653	$-7.654633x_1 -0.392003x_{22} -0.100234x_{31} +0.421821x_{30} -1.460017x_{32} -0.681124x_6 +1.633625x_{33} +$
x_{28}	49.4053721045	$-13.277353x_1 -1.294542x_{22} +0.513245x_{31} -0.024088x_{30} -1.972708x_{32} +0.063578x_6 +0.729115x_{33} -$
x_{29}	6.60694923608	$+4.898103x_1 +0.274951x_{22} -0.414059x_{31} -1.063270x_{30} -0.125246x_{32} +2.412518x_6 -0.501787x_{33} +$
x_4	2.62148841794	$-0.109414x_1 -0.178167x_{22} +0.052982x_{31} -0.096353x_{30} +0.109167x_{32} -0.745688x_6 -0.083539x_{33} -$
x_8	2.78486939379	$-1.558280x_1 -0.197942x_{22} +0.068199x_{31} -0.014724x_{30} -0.489712x_{32} -0.472647x_6 +0.230840x_{33} -$
x_{15}	0.933218334155	$-3.304460x_1 +0.276183x_{22} -0.187592x_{31} +0.143482x_{30} -1.119086x_{32} +2.099556x_6 +0.917878x_{33} +$
x_9	2.9364218827	$+0.176934x_1 +0.011089x_{22} +0.038196x_{31} -0.139231x_{30} +0.055446x_{32} +0.183342x_6 -0.223016x_{33} -$
z	7.7237555446	$-2.857196x_1 -0.390771x_{22} +0.126232x_{31} -0.371427x_{30} -0.453857x_{32} -1.994086x_6 +0.053290x_{33} +$

x_{21} enters and x_{26} leaves

x_{14}	24.0859375	$-2.960937x_1 +0.054688x_{22} +0.046875x_{31} +0.609375x_{30} -0.406250x_{32} +1.671875x_6 +0.453125x_{33} +0.$
x_5	3.31845021802	$-0.439816x_1 -0.101790x_{22} -0.142896x_{31} -0.119277x_{30} -0.027071x_{32} -0.220658x_6 -0.051871x_{33} -0.$
x_{16}	27.5386991279	$-5.053234x_1 -0.530342x_{22} +0.196584x_{31} -0.397892x_{30} -0.641715x_{32} -2.492369x_6 +0.582485x_{33} +1.$
x_{10}	2.80759447674	$-1.066315x_1 -0.046330x_{22} +0.036701x_{31} +0.105015x_{30} -0.147529x_{32} -0.326672x_6 +0.230741x_{33} +0.$
x_{18}	21.2470476017	$-9.912019x_1 -1.130314x_{22} +1.071857x_{31} -0.187954x_{30} -0.702217x_{32} +0.927235x_6 +0.070585x_{33} +1.$
x_{19}	21.6935864826	$+4.831123x_1 -0.501544x_{22} -0.265443x_{31} -0.229833x_{30} +0.428416x_{32} -1.444222x_6 -0.658975x_{33} -1.$
x_{20}	28.849518532	$-7.665652x_1 -1.245867x_{22} +0.916334x_{31} +0.673964x_{30} -1.176054x_{32} -5.193405x_6 +0.528434x_{33} +0.$
x_3	2.59125181686	$-1.269304x_1 -0.160747x_{22} +0.017533x_{31} +0.047693x_{30} -0.142260x_{32} -0.297148x_6 +0.026072x_{33} +0.$
x_2	4.08157703488	$-0.630996x_1 -0.153161x_{22} -0.031613x_{31} +0.147166x_{30} +0.018169x_{32} -0.174055x_6 -0.119549x_{33} -0.$
x_{23}	10.1122819767	$+3.253997x_1 +0.602108x_{22} +0.021076x_{31} +0.901890x_{30} +0.321221x_{32} -0.217297x_6 -0.253634x_{33} -0.$
x_{24}	16.6781885901	$+0.839980x_1 -0.454261x_{22} -0.667605x_{31} +0.012991x_{30} +0.458394x_{32} -2.431414x_6 -0.806232x_{33} -0.$
x_{25}	1.49700218023	$-3.710665x_1 +0.544604x_{22} +0.196039x_{31} -0.067769x_{30} -0.020712x_{32} +5.418423x_6 -0.143714x_{33} +1.$
x_{21}	5.52652616279	$+4.909520x_1 +0.347747x_{22} -0.522529x_{31} -0.188227x_{30} +1.001453x_{32} +0.146076x_6 -0.849564x_{33} -0.$
x_{27}	16.6834574855	$+1.482967x_1 +0.255223x_{22} -1.072765x_{31} +0.071493x_{30} +0.403888x_{32} -0.409248x_6 +0.052416x_{33} -1.$
x_{28}	54.7020803052	$-8.571993x_1 -0.961255x_{22} +0.012445x_{31} -0.204488x_{30} -1.012900x_{32} +0.203579x_6 -0.085120x_{33} -0.$
x_{29}	8.97152071221	$+6.998683x_1 +0.423737x_{22} -0.637627x_{31} -1.143805x_{30} +0.303234x_{32} +2.475018x_6 -0.865280x_{33} -0.$
x_4	1.70221656977	$-0.926054x_1 -0.236010x_{22} +0.139898x_{31} -0.065044x_{30} -0.057413x_{32} -0.769985x_6 +0.057776x_{33} +0.$
x_8	4.7504087936	$+0.187818x_1 -0.074264x_{22} -0.117642x_{31} -0.081668x_{30} -0.133539x_{32} -0.420694x_6 -0.071312x_{33} -0.$
x_{15}	5.66610646802	$+0.900027x_1 +0.573992x_{22} -0.635084x_{31} -0.017714x_{30} -0.261446x_{32} +2.224655x_6 +0.190316x_{33} -0.$
x_9	2.14516715116	$-0.525981x_1 -0.038699x_{22} +0.113009x_{31} -0.112282x_{30} -0.087936x_{32} +0.162427x_6 -0.101381x_{33} +0.$
z	9.3249909157	$-1.434729x_1 -0.290016x_{22} -0.025164x_{31} -0.425963x_{30} -0.163699x_{32} -1.951762x_6 -0.192860x_{33} -0.$

x_{-1} enters and Final Dictionary Solution: 9.3249909157 Num Pivots: 11