

$x_{14}$	5.0	$-2.000000x_1 + 2.000000x_2 - 3.000000x_3$	$+2.000000x_5 + 2.000000x_6 - 1.000000x_7$	$+1.000000x_8$
$x_{15}$	1.0	$+2.000000x_1 - 2.000000x_2 - 3.000000x_3 + 2.000000x_4 + 3.000000x_5 + 3.000000x_6 + 1.000000x_7 - 2.000000x_8 - 2.000000x_9$		
$x_{16}$	11.0	$+2.000000x_1 + 1.000000x_2 + 2.000000x_3 + 2.000000x_4 + 3.000000x_5 + 3.000000x_6 + 1.000000x_7 + 1.000000x_8 + 2.000000x_9$		
$x_{17}$	5.0	$-1.000000x_1 + 1.000000x_2 + 3.000000x_3 + 3.000000x_4 + 1.000000x_5$	$+1.000000x_7 - 2.000000x_8 - 1.000000x_9$	
$x_{18}$	14.0	$-3.000000x_1 - 3.000000x_2 - 2.000000x_3 + 3.000000x_4$	$+2.000000x_6 + 1.000000x_7 + 2.000000x_8$	
$x_{19}$	13.0	$-3.000000x_1 - 2.000000x_2 - 3.000000x_3 - 2.000000x_4 + 1.000000x_5 - 2.000000x_6 - 3.000000x_7 + 1.000000x_8 + 2.000000x_9$		
$x_{20}$	1.0	$+3.000000x_1 + 2.000000x_2 + 2.000000x_3 - 3.000000x_4 - 3.000000x_5 - 3.000000x_6 - 2.000000x_7 - 2.000000x_8 + 2.000000x_9$		
$x_{21}$	2.0	$-1.000000x_1 + 3.000000x_2 - 1.000000x_3 - 2.000000x_4 - 3.000000x_5$	$-3.000000x_7 + 3.000000x_8 + 3.000000x_9$	
$x_{22}$	10.0	$-1.000000x_1 + 1.000000x_2 + 3.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_6 + 3.000000x_7$	$+3.000000x_9$	
$x_{23}$	2.0	$+1.000000x_1 + 2.000000x_2$	$-3.000000x_4 + 3.000000x_7 + 3.000000x_8 - 2.000000x_9$	
$x_{24}$	2.0	$+1.000000x_1$	$-1.000000x_3 - 3.000000x_4 - 2.000000x_5 + 1.000000x_6 + 2.000000x_7 + 1.000000x_8 - 1.000000x_9$	
$x_{25}$	12.0	$+3.000000x_1 - 2.000000x_2 + 2.000000x_3 + 2.000000x_4 - 2.000000x_5 - 3.000000x_6 + 3.000000x_7 + 2.000000x_8 - 2.000000x_9$		
$x_{26}$	10.0	$-2.000000x_1 + 1.000000x_2 + 2.000000x_3 - 2.000000x_4$	$+2.000000x_6 - 2.000000x_7 + 1.000000x_8 - 2.000000x_9$	
$x_{27}$	2.0	$+1.000000x_1 + 1.000000x_2 + 2.000000x_3 - 2.000000x_4 + 3.000000x_5 + 1.000000x_6 - 2.000000x_7 - 3.000000x_8 + 3.000000x_9$		
$x_{28}$	14.0	$+2.000000x_1 - 2.000000x_2 + 2.000000x_3 - 1.000000x_4 + 3.000000x_5 + 1.000000x_6 - 3.000000x_7 + 2.000000x_8 - 2.000000x_9$		
$x_{29}$	8.0	$+2.000000x_1 + 2.000000x_2$	$+3.000000x_5 - 3.000000x_7 + 3.000000x_8 + 1.000000x_9$	
$x_{30}$	6.0	$+3.000000x_1 + 1.000000x_2 + 2.000000x_3 + 1.000000x_4 + 2.000000x_5 + 3.000000x_6$	$+2.000000x_8 + 2.000000x_9$	
$x_{31}$	4.0	$+1.000000x_1 + 1.000000x_2 + 1.000000x_3 + 3.000000x_4 - 1.000000x_5 - 2.000000x_6 + 3.000000x_7 - 1.000000x_8 - 3.000000x_9$		
$x_{32}$	3.0	$+2.000000x_2$	$-1.000000x_4 - 3.000000x_6 - 1.000000x_7 + 1.000000x_8 - 2.000000x_9$	
$x_{33}$	13.0	$-2.000000x_1 - 3.000000x_2$	$+3.000000x_4 - 1.000000x_6 - 3.000000x_7$	
$z$	0.0	$-1.000000x_1 + 2.000000x_2$	$-2.000000x_4 - 1.000000x_8 - 1.000000x_9$	

No initialization required – Proceed to Optimize.

$x_{14}$	5.0	$-2.000000x_1 + 2.000000x_2 - 3.000000x_3$	$+2.000000x_5 + 2.000000x_6 - 1.000000x_7$	$+1.000000x_8$
$x_{15}$	1.0	$+2.000000x_1 - 2.000000x_2 - 3.000000x_3 + 2.000000x_4 + 3.000000x_5 + 3.000000x_6 + 1.000000x_7 - 2.000000x_8 - 2.000000x_9$		
$x_{16}$	11.0	$+2.000000x_1 + 1.000000x_2 + 2.000000x_3 + 2.000000x_4 + 3.000000x_5 + 3.000000x_6 + 1.000000x_7 + 1.000000x_8 + 2.000000x_9$		
$x_{17}$	5.0	$-1.000000x_1 + 1.000000x_2 + 3.000000x_3 + 3.000000x_4 + 1.000000x_5$	$+1.000000x_7 - 2.000000x_8 - 1.000000x_9$	
$x_{18}$	14.0	$-3.000000x_1 - 3.000000x_2 - 2.000000x_3 + 3.000000x_4$	$+2.000000x_6 + 1.000000x_7 + 2.000000x_8$	
$x_{19}$	13.0	$-3.000000x_1 - 2.000000x_2 - 3.000000x_3 - 2.000000x_4 + 1.000000x_5 - 2.000000x_6 - 3.000000x_7 + 1.000000x_8 + 2.000000x_9$		
$x_{20}$	1.0	$+3.000000x_1 + 2.000000x_2 + 2.000000x_3 - 3.000000x_4 - 3.000000x_5 - 3.000000x_6 - 2.000000x_7 - 2.000000x_8 + 2.000000x_9$		
$x_{21}$	2.0	$-1.000000x_1 + 3.000000x_2 - 1.000000x_3 - 2.000000x_4 - 3.000000x_5$	$-3.000000x_7 + 3.000000x_8 + 3.000000x_9$	
$x_{22}$	10.0	$-1.000000x_1 + 1.000000x_2 + 3.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_6 + 3.000000x_7$	$+3.000000x_9$	
$x_{23}$	2.0	$+1.000000x_1 + 2.000000x_2$	$-3.000000x_4 + 3.000000x_7 + 3.000000x_8 - 2.000000x_9$	
$x_{24}$	2.0	$+1.000000x_1$	$-1.000000x_3 - 3.000000x_4 - 2.000000x_5 + 1.000000x_6 + 2.000000x_7 + 1.000000x_8 - 1.000000x_9$	
$x_{25}$	12.0	$+3.000000x_1 - 2.000000x_2 + 2.000000x_3 + 2.000000x_4 - 2.000000x_5 - 3.000000x_6 + 3.000000x_7 + 2.000000x_8 - 2.000000x_9$		
$x_{26}$	10.0	$-2.000000x_1 + 1.000000x_2 + 2.000000x_3 - 2.000000x_4$	$+2.000000x_6 - 2.000000x_7 + 1.000000x_8 - 2.000000x_9$	
$x_{27}$	2.0	$+1.000000x_1 + 1.000000x_2 + 2.000000x_3 - 2.000000x_4 + 3.000000x_5 + 1.000000x_6 - 2.000000x_7 - 3.000000x_8 + 3.000000x_9$		
$x_{28}$	14.0	$+2.000000x_1 - 2.000000x_2 + 2.000000x_3 - 1.000000x_4 + 3.000000x_5 + 1.000000x_6 - 3.000000x_7 + 2.000000x_8 - 2.000000x_9$		
$x_{29}$	8.0	$+2.000000x_1 + 2.000000x_2$	$+3.000000x_5 - 3.000000x_7 + 3.000000x_8 + 1.000000x_9$	
$x_{30}$	6.0	$+3.000000x_1 + 1.000000x_2 + 2.000000x_3 + 1.000000x_4 + 2.000000x_5 + 3.000000x_6$	$+2.000000x_8 + 2.000000x_9$	
$x_{31}$	4.0	$+1.000000x_1 + 1.000000x_2 + 1.000000x_3 + 3.000000x_4 - 1.000000x_5 - 2.000000x_6 + 3.000000x_7 - 1.000000x_8 - 3.000000x_9$		
$x_{32}$	3.0	$+2.000000x_2$	$-1.000000x_4 - 3.000000x_6 - 1.000000x_7 + 1.000000x_8 - 2.000000x_9$	
$x_{33}$	13.0	$-2.000000x_1 - 3.000000x_2$	$+3.000000x_4 - 1.000000x_6 - 3.000000x_7$	
$z$	0.0	$-1.000000x_1 + 2.000000x_2$	$-2.000000x_4 - 1.000000x_8 - 1.000000x_9$	

$x_2$  enters and  $x_{15}$  leaves

$x_{14}$	6.0	$-1.000000x_{15} - 6.000000x_3 + 2.000000x_4 + 5.000000x_5 + 5.000000x_6$	$-2.000000x_8 - 1.000000x_9$
$x_2$	0.5	$+1.000000x_1 - 0.500000x_{15} - 1.500000x_3 + 1.000000x_4 + 1.500000x_5 + 1.500000x_6 + 0.500000x_7 - 1.000000x_8 - 1.000000x_9$	
$x_{16}$	11.5	$+3.000000x_1 - 0.500000x_{15} + 0.500000x_3 + 3.000000x_4 + 4.500000x_5 + 4.500000x_6 + 1.500000x_7$	$+1.000000x_8 - 1.000000x_9$
$x_{17}$	5.5	$-0.500000x_{15} + 1.500000x_3 + 4.000000x_4 + 2.500000x_5 + 1.500000x_6 + 1.500000x_7 - 3.000000x_8 - 2.000000x_9$	
$x_{18}$	12.5	$-6.000000x_1 + 1.500000x_{15} + 2.500000x_3$	$-4.500000x_5 - 2.500000x_6 - 0.500000x_7 + 5.000000x_8 + 3.000000x_9$
$x_{19}$	12.0	$-5.000000x_1 + 1.000000x_{15}$	$-4.000000x_4 - 2.000000x_5 - 5.000000x_6 - 4.000000x_7 + 3.000000x_8 + 4.000000x_9$
$x_{20}$	2.0	$+5.000000x_1 - 1.000000x_{15} - 1.000000x_3 - 1.000000x_4$	$-1.000000x_7 - 4.000000x_8 - 1.000000x_9$
$x_{21}$	3.5	$+2.000000x_1 - 1.500000x_{15} - 5.500000x_3 + 1.000000x_4 + 1.500000x_5 + 4.500000x_6 - 1.500000x_7$	
$x_{22}$	10.5	$-0.500000x_{15} + 1.500000x_3 + 2.000000x_4 - 0.500000x_5 + 3.500000x_6 + 3.500000x_7 - 1.000000x_8 + 2.000000x_9$	
$x_{23}$	3.0	$+3.000000x_1 - 1.000000x_{15} - 3.000000x_3 - 1.000000x_4 + 3.000000x_5 + 3.000000x_6 + 4.000000x_7 + 1.000000x_8 - 4.000000x_9$	
$x_{24}$	2.0	$+1.000000x_1$	$-1.000000x_3 - 3.000000x_4 - 2.000000x_5 + 1.000000x_6 + 2.000000x_7 + 1.000000x_8 - 1.000000x_9$
$x_{25}$	11.0	$+1.000000x_1 + 1.000000x_{15} + 5.000000x_3$	$-5.000000x_5 - 6.000000x_6 + 2.000000x_7 + 4.000000x_8 - 1.000000x_9$
$x_{26}$	10.5	$-1.000000x_1 - 0.500000x_{15} + 0.500000x_3 - 1.000000x_4 + 1.500000x_5 + 3.500000x_6 - 1.500000x_7$	$-3.000000x_8 - 1.000000x_9$
$x_{27}$	2.5	$+2.000000x_1 - 0.500000x_{15} + 0.500000x_3 - 1.000000x_4 + 4.500000x_5 + 2.500000x_6 - 1.500000x_7 - 4.000000x_8 + 2.000000x_9$	
$x_{28}$	13.0	$+1.000000x_{15} + 5.000000x_3 - 3.000000x_4$	$-2.000000x_6 - 4.000000x_7 + 4.000000x_8 - 1.000000x_9$
$x_{29}$	9.0	$+4.000000x_1 - 1.000000x_{15} - 3.000000x_3 + 2.000000x_4 + 6.000000x_5 + 3.000000x_6 - 2.000000x_7 + 1.000000x_8 - 1.000000x_9$	
$x_{30}$	6.5	$+4.000000x_1 - 0.500000x_{15} + 0.500000x_3 + 2.000000x_4 + 3.500000x_5 + 4.500000x_6 + 0.500000x_7 + 1.000000x_8 + 1.000000x_9$	
$x_{31}$	4.5	$+2.000000x_1 - 0.500000x_{15} - 0.500000x_3 + 4.000000x_4 + 0.500000x_5 - 0.500000x_6 + 3.500000x_7 - 2.000000x_8 - 4.000000x_9$	
$x_{32}$	4.0	$+2.000000x_1 - 1.000000x_{15} - 3.000000x_3 + 1.000000x_4 + 3.000000x_5$	$-1.000000x_8 - 4.000000x_9$
$x_{33}$	11.5	$-5.000000x_1 + 1.500000x_{15} + 4.500000x_3$	$-4.500000x_5 - 5.500000x_6 - 4.500000x_7 + 3.000000x_8 + 3.000000x_9$
$z$	1.0	$+1.000000x_1 - 1.000000x_{15} - 3.000000x_3$	$+3.000000x_5 + 3.000000x_6 + 1.000000x_7 - 3.000000x_8 - 3.000000x_9$

$x_1$  enters and  $x_{18}$  leaves

$x_{14}$	6.0	$-1.000000x_{15} - 6.000000x_3 + 2.000000x_4 + 5.000000x_5 + 5.000000x_6$	$-2.000000x_8 - 1.000000x_9$
$x_2$	2.58333333333	$-0.166667x_{18} - 0.250000x_{15} - 1.083333x_3 + 1.000000x_4 + 0.750000x_5 + 1.083333x_6 + 0.416667x_7 - 0.166667x_8 - 0.166667x_9$	
$x_{16}$	17.75	$-0.500000x_{18} + 0.250000x_{15} + 1.750000x_3 + 3.000000x_4 + 2.250000x_5 + 3.250000x_6 + 1.250000x_7 + 2.500000x_8 - 1.000000x_9$	
$x_{17}$	5.5	$-0.500000x_{15} + 1.500000x_3 + 4.000000x_4 + 2.500000x_5 + 1.500000x_6 + 1.500000x_7 - 3.000000x_8 - 2.000000x_9$	
$x_1$	2.08333333333	$-0.166667x_{18} + 0.250000x_{15} + 0.416667x_3$	$-0.750000x_5 - 0.416667x_6 - 0.083333x_7 + 0.833333x_8 - 0.833333x_9$
$x_{19}$	1.58333333333	$+0.833333x_{18} - 0.250000x_{15} - 2.083333x_3 - 4.000000x_4 + 1.750000x_5 - 2.916667x_6 - 3.583333x_7 - 1.166667x_8 - 1.166667x_9$	
$x_{20}$	12.4166666667	$-0.833333x_{18} + 0.250000x_{15} + 1.083333x_3 - 1.000000x_4 - 3.750000x_5 - 2.083333x_6 - 1.416667x_7 + 0.166667x_8 + 0.166667x_9$	
$x_{21}$	7.66666666667	$-0.333333x_{18} - 1.000000x_{15} - 4.666667x_3 + 1.000000x_4$	$+3.666667x_6 - 1.666667x_7 + 1.666667x_8 - 1.666667x_9$
$x_{22}$	10.5	$-0.500000x_{15} + 1.500000x_3 + 2.000000x_4 - 0.500000x_5 + 3.500000x_6 + 3.500000x_7 - 1.000000x_8 + 2.000000x_9$	
$x_{23}$	9.25	$-0.500000x_{18} - 0.250000x_{15} - 1.750000x_3 - 1.000000x_4 + 0.750000x_5 + 1.750000x_6 + 3.750000x_7 + 3.500000x_8 - 1.000000x_9$	
$x_{24}$	4.08333333333	$-0.166667x_{18} + 0.250000x_{15} - 0.583333x_3 - 3.000000x_4 - 2.750000x_5 + 0.583333x_6 + 1.916667x_7 + 1.833333x_8 - 0.833333x_9$	
$x_{25}$	13.0833333333	$-0.166667x_{18} + 1.250000x_{15} + 5.416667x_3$	$-5.750000x_5 - 6.416667x_6 + 1.916667x_7 + 4.833333x_8 - 4.833333x_9$
$x_{26}$	8.41666666667	$+0.166667x_{18} - 0.750000x_{15} + 0.083333x_3 - 1.000000x_4 + 2.250000x_5 + 3.916667x_6 - 1.416667x_7 - 0.833333x_8 - 0.833333x_9$	
$x_{27}$	6.66666666667	$-0.333333x_{18}$	$+1.333333x_3 - 1.000000x_4 + 3.000000x_5 + 1.666667x_6 - 1.666667x_7 - 2.333333x_8 - 2.333333x_9$
$x_{28}$	13.0	$+1.000000x_{15} + 5.000000x_3 - 3.000000x_4$	$-2.000000x_6 - 4.000000x_7 + 4.000000x_8 - 1.000000x_9$
$x_{29}$	17.3333333333	$-0.666667x_{18}$	$-1.333333x_3 + 2.000000x_4 + 3.000000x_5 + 1.333333x_6 - 2.333333x_7 + 4.333333x_8 - 4.333333x_9$
$x_{30}$	14.8333333333	$-0.666667x_{18} + 0.500000x_{15} + 2.166667x_3 + 2.000000x_4 + 0.500000x_5 + 2.833333x_6 + 0.166667x_7 + 4.333333x_8 - 4.333333x_9$	
$x_{31}$	8.66666666667	$-0.333333x_{18}$	$+0.333333x_3 + 4.000000x_4 - 1.000000x_5 - 1.333333x_6 + 3.333333x_7 - 0.333333x_8 - 0.333333x_9$
$x_{32}$	8.16666666667	$-0.333333x_{18} - 0.500000x_{15} - 2.166667x_3 + 1.000000x_4 + 1.500000x_5 - 0.833333x_6 - 0.166667x_7 + 0.666667x_8 - 0.666667x_9$	
$x_{33}$	1.08333333333	$+0.833333x_{18} + 0.250000x_{15} + 2.416667x_3$	$-0.750000x_5 - 3.416667x_6 - 4.083333x_7 - 1.166667x_8 - 1.166667x_9$
$z$	3.08333333333	$-0.166667x_{18} - 0.750000x_{15} - 2.583333x_3$	$+2.250000x_5 + 2.583333x_6 + 0.916667x_7 - 2.166667x_8 - 2.166667x_9$

$x_5$  enters and  $x_{33}$  leaves

$x_{14}$	13.222222222	$+5.555556x_{18} + 0.666667x_{15} + 10.111111x_3 + 2.000000x_4 - 6.666667x_{33} - 17.777778x_6 - 27.222222x_7$
$x_2$	3.6666666667	$+0.666667x_{18} + 1.333333x_3 + 1.000000x_4 - 1.000000x_{33} - 2.333333x_6 - 3.666667x_7$
$x_{16}$	21.0	$+2.000000x_{18} + 1.000000x_{15} + 9.000000x_3 + 3.000000x_4 - 3.000000x_{33} - 7.000000x_6 - 11.000000x_7$
$x_{17}$	9.1111111111	$+2.777778x_{18} + 0.333333x_{15} + 9.555556x_3 + 4.000000x_4 - 3.333333x_{33} - 9.888889x_6 - 12.111111x_7$
$x_1$	1.0	$-1.000000x_{18} - 2.000000x_3 + 1.000000x_{33} + 3.000000x_6 + 4.000000x_7$
$x_{19}$	4.1111111111	$+2.777778x_{18} + 0.333333x_{15} + 3.555556x_3 - 4.000000x_4 - 2.333333x_{33} - 10.888889x_6 - 13.111111x_7$
$x_{20}$	7.0	$-5.000000x_{18} - 1.000000x_{15} - 11.000000x_3 - 1.000000x_4 + 5.000000x_{33} + 15.000000x_6 + 19.000000x_7$
$x_{21}$	7.6666666667	$-0.333333x_{18} - 1.000000x_{15} - 4.666667x_3 + 1.000000x_4 + 3.666667x_6 - 1.666667x_7$
$x_{22}$	9.7777777778	$-0.555556x_{18} - 0.666667x_{15} - 0.111111x_3 + 2.000000x_4 + 0.666667x_{33} + 5.777778x_6 + 6.222222x_7$
$x_{23}$	10.3333333333	$+0.333333x_{18} + 0.666667x_3 - 1.000000x_4 - 1.000000x_{33} - 1.666667x_6 - 0.333333x_7$
$x_{24}$	0.1111111111	$-3.222222x_{18} - 0.666667x_{15} - 9.444444x_3 - 3.000000x_4 + 3.666667x_{33} + 13.111111x_6 + 16.888889x_7$
$x_{25}$	4.7777777778	$-6.555556x_{18} - 0.666667x_{15} - 13.111111x_3 + 7.666667x_{33} + 19.777778x_6 + 33.222222x_7$
$x_{26}$	11.6666666667	$+2.666667x_{18} + 7.333333x_3 - 1.000000x_4 - 3.000000x_{33} - 6.333333x_6 - 13.666667x_7$
$x_{27}$	11.0	$+3.000000x_{18} + 1.000000x_{15} + 11.000000x_3 - 1.000000x_4 - 4.000000x_{33} - 12.000000x_6 - 18.000000x_7$
$x_{28}$	13.0	$+1.000000x_{15} + 5.000000x_3 - 3.000000x_4 - 2.000000x_6 - 4.000000x_7$
$x_{29}$	21.6666666667	$+2.666667x_{18} + 1.000000x_{15} + 8.333333x_3 + 2.000000x_4 - 4.000000x_{33} - 12.333333x_6 - 18.666667x_7$
$x_{30}$	15.5555555556	$-0.111111x_{18} + 0.666667x_{15} + 3.777778x_3 + 2.000000x_4 - 0.666667x_{33} + 0.555556x_6 - 2.555556x_7$
$x_{31}$	7.2222222222	$-1.444444x_{18} - 0.333333x_{15} - 2.888889x_3 + 4.000000x_4 + 1.333333x_{33} + 3.222222x_6 + 8.777778x_7$
$x_{32}$	10.3333333333	$+1.333333x_{18} + 2.666667x_3 + 1.000000x_4 - 2.000000x_{33} - 7.666667x_6 - 8.333333x_7$
$x_5$	1.4444444444	$+1.111111x_{18} + 0.333333x_{15} + 3.222222x_3 - 1.333333x_{33} - 4.555556x_6 - 5.444444x_7$
$z$	6.3333333333	$+2.333333x_{18} + 4.666667x_3 - 3.000000x_{33} - 7.666667x_6 - 11.333333x_7$

$x_3$  enters and  $x_{24}$  leaves

$x_{14}$	13.3411764706	$+2.105882x_{18} - 0.047059x_{15} - 1.070588x_{24} - 1.211765x_4 - 2.741176x_{33} - 3.741176x_6 - 9.141176x_7$
$x_2$	3.68235294118	$+0.211765x_{18} - 0.094118x_{15} - 0.141176x_{24} + 0.576471x_4 - 0.482353x_{33} - 0.482353x_6 - 1.282353x_7$
$x_{16}$	21.1058823529	$-1.070588x_{18} + 0.364706x_{15} - 0.952941x_{24} + 0.141176x_4 + 0.494118x_{33} + 5.494118x_6 + 5.094118x_7$
$x_{17}$	9.22352941176	$-0.482353x_{18} - 0.341176x_{15} - 1.011765x_{24} + 0.964706x_4 + 0.376471x_{33} + 3.376471x_6 + 4.976471x_7$
$x_1$	0.976470588235	$-0.317647x_{18} + 0.141176x_{15} + 0.211765x_{24} + 0.635294x_4 + 0.223529x_{33} + 0.223529x_6 + 0.423529x_7$
$x_{19}$	4.15294117647	$+1.564706x_{18} + 0.082353x_{15} - 0.376471x_{24} - 5.129412x_4 - 0.952941x_{33} - 5.952941x_6 - 6.752941x_7$
$x_{20}$	6.87058823529	$-1.247059x_{18} - 0.223529x_{15} + 1.164706x_{24} + 2.494118x_4 + 0.729412x_{33} - 0.270588x_6 - 0.670588x_7$
$x_{21}$	7.61176470588	$+1.258824x_{18} - 0.670588x_{15} + 0.494118x_{24} + 2.482353x_4 - 1.811765x_{33} - 2.811765x_6 - 10.011765x_7$
$x_{22}$	9.77647058824	$-0.517647x_{18} - 0.658824x_{15} + 0.011765x_{24} + 2.035294x_4 + 0.623529x_{33} + 5.623529x_6 + 6.023529x_7$
$x_{23}$	10.3411764706	$+0.105882x_{18} - 0.047059x_{15} - 0.070588x_{24} - 1.211765x_4 - 0.741176x_{33} - 0.741176x_6 + 0.858824x_7$
$x_3$	0.0117647058824	$-0.341176x_{18} - 0.070588x_{15} - 0.105882x_{24} - 0.317647x_4 + 0.388235x_{33} + 1.388235x_6 + 1.788235x_7$
$x_{25}$	4.62352941176	$-2.082353x_{18} + 0.258824x_{15} + 1.388235x_{24} + 4.164706x_4 + 2.576471x_{33} + 1.576471x_6 + 9.776471x_7$
$x_{26}$	11.7529411765	$+0.164706x_{18} - 0.517647x_{15} - 0.776471x_{24} - 3.329412x_4 - 0.152941x_{33} + 3.847059x_6 - 0.552941x_7$
$x_{27}$	11.1294117647	$-0.752941x_{18} + 0.223529x_{15} - 1.164706x_{24} - 4.494118x_4 + 0.270588x_{33} + 3.270588x_6 + 1.670588x_7$
$x_{28}$	13.0588235294	$-1.705882x_{18} + 0.647059x_{15} - 0.529412x_{24} - 4.588235x_4 + 1.941176x_{33} + 4.941176x_6 + 4.941176x_7$
$x_{29}$	21.7647058824	$-0.176471x_{18} + 0.411765x_{15} - 0.882353x_{24} - 0.647059x_4 - 0.764706x_{33} - 0.764706x_6 - 3.764706x_7$
$x_{30}$	15.6	$-1.400000x_{18} + 0.400000x_{15} - 0.400000x_{24} + 0.800000x_4 + 0.800000x_{33} + 5.800000x_6 + 4.200000x_7$
$x_{31}$	7.18823529412	$-0.458824x_{18} - 0.129412x_{15} + 0.305882x_{24} + 4.917647x_4 + 0.211765x_{33} - 0.788235x_6 + 3.611765x_7$
$x_{32}$	10.3647058824	$+0.423529x_{18} - 0.188235x_{15} - 0.282353x_{24} + 0.152941x_4 - 0.964706x_{33} - 3.964706x_6 - 3.564706x_7$
$x_5$	1.48235294118	$+0.011765x_{18} + 0.105882x_{15} - 0.341176x_{24} - 1.023529x_4 - 0.082353x_{33} - 0.082353x_6 + 0.317647x_7$
$z$	6.38823529412	$+0.741176x_{18} - 0.329412x_{15} - 0.494118x_{24} - 1.482353x_4 - 1.188235x_{33} - 1.188235x_6 - 2.988235x_7$

$x_{18}$  enters and  $x_3$  leaves

$x_{14}$	13.4137931034	$-6.172414x_3 - 0.482759x_{15} - 1.724138x_{24} - 3.172414x_4 - 0.344828x_{33} + 4.827586x_6 + 1.896552x_7 + 0$
$x_2$	3.68965517241	$-0.620690x_3 - 0.137931x_{15} - 0.206897x_{24} + 0.379310x_4 - 0.241379x_{33} + 0.379310x_6 - 0.172414x_7 - 0$
$x_{16}$	21.0689655172	$+3.137931x_3 + 0.586207x_{15} - 0.620690x_{24} + 1.137931x_4 - 0.724138x_{33} + 1.137931x_6 - 0.517241x_7 + 2$
$x_{17}$	9.20689655172	$+1.413793x_3 - 0.241379x_{15} - 0.862069x_{24} + 1.413793x_4 - 0.172414x_{33} + 1.413793x_6 + 2.448276x_7 - 1$
$x_1$	0.965517241379	$+0.931034x_3 + 0.206897x_{15} + 0.310345x_{24} + 0.931034x_4 - 0.137931x_{33} - 1.068966x_6 - 1.241379x_7 + 0$
$x_{19}$	4.20689655172	$-4.586207x_3 - 0.241379x_{15} - 0.862069x_{24} - 6.586207x_4 + 0.827586x_{33} + 0.413793x_6 + 1.448276x_7 + 1$
$x_{20}$	6.8275862069	$+3.655172x_3 + 0.034483x_{15} + 1.551724x_{24} + 3.655172x_4 - 0.689655x_{33} - 5.344828x_6 - 7.206897x_7 - 3$
$x_{21}$	7.65517241379	$-3.689655x_3 - 0.931034x_{15} + 0.103448x_{24} + 1.310345x_4 - 0.379310x_{33} + 2.310345x_6 - 3.413793x_7 + 1$
$x_{22}$	9.75862068966	$+1.517241x_3 - 0.551724x_{15} + 0.172414x_{24} + 2.517241x_4 + 0.034483x_{33} + 3.517241x_6 + 3.310345x_7 - 1$
$x_{23}$	10.3448275862	$-0.310345x_3 - 0.068966x_{15} - 0.103448x_{24} - 1.310345x_4 - 0.620690x_{33} - 0.310345x_6 + 1.413793x_7 + 2$
$x_{18}$	0.0344827586207	$-2.931034x_3 - 0.206897x_{15} - 0.310345x_{24} - 0.931034x_4 + 1.137931x_{33} + 4.068966x_6 + 5.241379x_7 + 1$
$x_{25}$	4.55172413793	$+6.103448x_3 + 0.689655x_{15} + 2.034483x_{24} + 6.103448x_4 + 0.206897x_{33} - 6.896552x_6 - 1.137931x_7 + 1$
$x_{26}$	11.7586206897	$-0.482759x_3 - 0.551724x_{15} - 0.827586x_{24} - 3.482759x_4 + 0.034483x_{33} + 4.517241x_6 + 0.310345x_7 + 0$
$x_{27}$	11.1034482759	$+2.206897x_3 + 0.379310x_{15} - 0.931034x_{24} - 3.793103x_4 - 0.586207x_{33} + 0.206897x_6 - 2.275862x_7 - 1$
$x_{28}$	13.0	$+5.000000x_3 + 1.000000x_{15} - 3.000000x_4 - 0.000000x_{33} - 2.000000x_6 - 4.000000x_7 + 4$
$x_{29}$	21.7586206897	$+0.517241x_3 + 0.448276x_{15} - 0.827586x_{24} - 0.482759x_4 - 0.965517x_{33} - 1.482759x_6 - 4.689655x_7 + 4$
$x_{30}$	15.5517241379	$+4.103448x_3 + 0.689655x_{15} + 0.034483x_{24} + 2.103448x_4 - 0.793103x_{33} + 0.103448x_6 - 3.137931x_7 + 3$
$x_{31}$	7.1724137931	$+1.344828x_3 - 0.034483x_{15} + 0.448276x_{24} + 5.344828x_4 - 0.310345x_{33} - 2.655172x_6 + 1.206897x_7 - 1$
$x_{32}$	10.3793103448	$-1.241379x_3 - 0.275862x_{15} - 0.413793x_{24} - 0.241379x_4 - 0.482759x_{33} - 2.241379x_6 - 1.344828x_7 + 0$
$x_5$	1.48275862069	$-0.034483x_3 + 0.103448x_{15} - 0.344828x_{24} - 1.034483x_4 - 0.068966x_{33} - 0.034483x_6 + 0.379310x_7 + 0$
$z$	6.41379310345	$-2.172414x_3 - 0.482759x_{15} - 0.724138x_{24} - 2.172414x_4 - 0.344828x_{33} + 1.827586x_6 + 0.896552x_7 - 1$

$x_6$  enters and  $x_{25}$  leaves

$x_{14}$	16.6	$-1.900000x_3 - 0.000000x_{15} - 0.300000x_{24} + 1.100000x_4 - 0.200000x_{33} - 0.700000x_{25} + 1.100000x_7 + 1.700000x_8$
$x_2$	3.94	$-0.285000x_3 - 0.100000x_{15} - 0.095000x_{24} + 0.715000x_4 - 0.230000x_{33} - 0.055000x_{25} - 0.235000x_7 + 0.005000x_8$
$x_{16}$	21.82	$+4.145000x_3 + 0.700000x_{15} - 0.285000x_{24} + 2.145000x_4 - 0.690000x_{33} - 0.165000x_{25} - 0.705000x_7 + 3.015000x_8$
$x_{17}$	10.14	$+2.665000x_3 - 0.100000x_{15} - 0.445000x_{24} + 2.665000x_4 - 0.130000x_{33} - 0.205000x_{25} + 2.215000x_7 - 1.345000x_8$
$x_1$	0.26	$-0.015000x_3 + 0.100000x_{15} - 0.005000x_{24} - 0.015000x_4 - 0.170000x_{33} + 0.155000x_{25} - 1.065000x_7 - 0.105000x_8$
$x_{19}$	4.48	$-4.220000x_3 - 0.200000x_{15} - 0.740000x_{24} - 6.220000x_4 + 0.840000x_{33} - 0.060000x_{25} + 1.380000x_7 + 1.460000x_8$
$x_{20}$	3.3	$-1.075000x_3 - 0.500000x_{15} - 0.025000x_{24} - 1.075000x_4 - 0.850000x_{33} + 0.775000x_{25} - 6.325000x_7 - 4.525000x_8$
$x_{21}$	9.18	$-1.645000x_3 - 0.700000x_{15} + 0.785000x_{24} + 3.355000x_4 - 0.310000x_{33} - 0.335000x_{25} - 3.795000x_7 + 1.485000x_8$
$x_{22}$	12.08	$+4.630000x_3 - 0.200000x_{15} + 1.210000x_{24} + 5.630000x_4 + 0.140000x_{33} - 0.510000x_{25} + 2.730000x_7 - 0.590000x_8$
$x_{23}$	10.14	$-0.585000x_3 - 0.100000x_{15} - 0.195000x_{24} - 1.585000x_4 - 0.630000x_{33} + 0.045000x_{25} + 1.465000x_7 + 2.905000x_8$
$x_{18}$	2.72	$+0.670000x_3 + 0.200000x_{15} + 0.890000x_{24} + 2.670000x_4 + 1.260000x_{33} - 0.590000x_{25} + 4.570000x_7 + 2.690000x_8$
$x_6$	0.66	$+0.885000x_3 + 0.100000x_{15} + 0.295000x_{24} + 0.885000x_4 + 0.030000x_{33} - 0.145000x_{25} - 0.165000x_7 + 0.195000x_8$
$x_{26}$	14.74	$+3.515000x_3 - 0.100000x_{15} + 0.505000x_{24} + 0.515000x_4 + 0.170000x_{33} - 0.655000x_{25} - 0.435000x_7 + 1.605000x_8$
$x_{27}$	11.24	$+2.390000x_3 + 0.400000x_{15} - 0.870000x_{24} - 3.610000x_4 - 0.580000x_{33} - 0.030000x_{25} - 2.310000x_7 - 1.270000x_8$
$x_{28}$	11.68	$+3.230000x_3 + 0.800000x_{15} - 0.590000x_{24} - 4.770000x_4 - 0.060000x_{33} + 0.290000x_{25} - 3.670000x_7 + 3.610000x_8$
$x_{29}$	20.78	$-0.795000x_3 + 0.300000x_{15} - 1.265000x_{24} - 1.795000x_4 - 1.010000x_{33} + 0.215000x_{25} - 4.445000x_7 + 4.435000x_8$
$x_{30}$	15.62	$+4.195000x_3 + 0.700000x_{15} + 0.065000x_{24} + 2.195000x_4 - 0.790000x_{33} - 0.015000x_{25} - 3.155000x_7 + 3.365000x_8$
$x_{31}$	5.42	$-1.005000x_3 - 0.300000x_{15} - 0.335000x_{24} + 2.995000x_4 - 0.390000x_{33} + 0.385000x_{25} + 1.645000x_7 - 2.035000x_8$
$x_{32}$	8.9	$-3.225000x_3 - 0.500000x_{15} - 1.075000x_{24} - 2.225000x_4 - 0.550000x_{33} + 0.325000x_{25} - 0.975000x_7 + 0.425000x_8$
$x_5$	1.46	$-0.065000x_3 + 0.100000x_{15} - 0.355000x_{24} - 1.065000x_4 - 0.070000x_{33} + 0.005000x_{25} + 0.385000x_7 + 0.545000x_8$
$z$	7.62	$-0.555000x_3 - 0.300000x_{15} - 0.185000x_{24} - 0.555000x_4 - 0.290000x_{33} - 0.265000x_{25} + 0.595000x_7 - 0.885000x_8$

$x_7$  enters and  $x_1$  leaves

$x_{14}$	16.8685446009	$-1.915493x_3 + 0.103286x_{15} - 0.305164x_{24} + 1.084507x_4 - 0.375587x_{33} - 0.539906x_{25} - 1.032864x_1 + 1.388262910798$
$x_2$	3.88262910798	$-0.281690x_3 - 0.122066x_{15} - 0.093897x_{24} + 0.718310x_4 - 0.192488x_{33} - 0.089202x_{25} + 0.220657x_1 + 0.216478873239$
$x_{16}$	21.6478873239	$+4.154930x_3 + 0.633803x_{15} - 0.281690x_{24} + 2.154930x_4 - 0.577465x_{33} - 0.267606x_{25} + 0.661972x_1 + 3.106807511737$
$x_{17}$	10.6807511737	$+2.633803x_3 + 0.107981x_{15} - 0.455399x_{24} + 2.633803x_4 - 0.483568x_{33} + 0.117371x_{25} - 2.079812x_1 - 1.0244131455399$
$x_7$	0.244131455399	$-0.014085x_3 + 0.093897x_{15} - 0.004695x_{24} - 0.014085x_4 - 0.159624x_{33} + 0.145540x_{25} - 0.938967x_1 - 0.481690140845$
$x_{19}$	4.81690140845	$-4.239437x_3 - 0.070423x_{15} - 0.746479x_{24} - 6.239437x_4 + 0.619718x_{33} + 0.140845x_{25} - 1.295775x_1 + 1.17558685446$
$x_{20}$	1.7558685446	$-0.985915x_3 - 1.093897x_{15} + 0.004695x_{24} - 0.985915x_4 + 0.159624x_{33} - 0.145540x_{25} + 5.938967x_1 - 3.825352112676$
$x_{21}$	8.25352112676	$-1.591549x_3 - 1.056338x_{15} + 0.802817x_{24} + 3.408451x_4 + 0.295775x_{33} - 0.887324x_{25} + 3.563380x_1 + 1.127464788732$
$x_{22}$	12.7464788732	$+4.591549x_3 + 0.056338x_{15} + 1.197183x_{24} + 5.591549x_4 - 0.295775x_{33} - 0.112676x_{25} - 2.563380x_1 - 0.104976525822$
$x_{23}$	10.4976525822	$-0.605634x_3 + 0.037559x_{15} - 0.201878x_{24} - 1.605634x_4 - 0.863850x_{33} + 0.258216x_{25} - 1.375587x_1 + 2.383568075117$
$x_{18}$	3.83568075117	$+0.605634x_3 + 0.629108x_{15} + 0.868545x_{24} + 2.605634x_4 + 0.530516x_{33} + 0.075117x_{25} - 4.291080x_1 + 2.0619718309859$
$x_6$	0.619718309859	$+0.887324x_3 + 0.084507x_{15} + 0.295775x_{24} + 0.887324x_4 + 0.056338x_{33} - 0.169014x_{25} + 0.154930x_1 + 0.146338028169$
$x_{26}$	14.6338028169	$+3.521127x_3 - 0.140845x_{15} + 0.507042x_{24} + 0.521127x_4 + 0.239437x_{33} - 0.718310x_{25} + 0.408451x_1 + 1.10676056338$
$x_{27}$	10.676056338	$+2.422535x_3 + 0.183099x_{15} - 0.859155x_{24} - 3.577465x_4 - 0.211268x_{33} - 0.366197x_{25} + 2.169014x_1 - 1.107840375587$
$x_{28}$	10.7840375587	$+3.281690x_3 + 0.455399x_{15} - 0.572770x_{24} - 4.718310x_4 + 0.525822x_{33} - 0.244131x_{25} + 3.446009x_1 + 3.196948356808$
$x_{29}$	19.6948356808	$-0.732394x_3 - 0.117371x_{15} - 1.244131x_{24} - 1.732394x_4 - 0.300469x_{33} - 0.431925x_{25} + 4.173709x_1 + 4.148497652582$
$x_{30}$	14.8497652582	$+4.239437x_3 + 0.403756x_{15} + 0.079812x_{24} + 2.239437x_4 - 0.286385x_{33} - 0.474178x_{25} + 2.962441x_1 + 3.582159624413$
$x_{31}$	5.82159624413	$-1.028169x_3 - 0.145540x_{15} - 0.342723x_{24} + 2.971831x_4 - 0.652582x_{33} + 0.624413x_{25} - 1.544601x_1 - 2.866197183099$
$x_{32}$	8.66197183099	$-3.211268x_3 - 0.591549x_{15} - 1.070423x_{24} - 2.211268x_4 - 0.394366x_{33} + 0.183099x_{25} + 0.915493x_1 + 0.155399061033$
$x_5$	1.55399061033	$-0.070423x_3 + 0.136150x_{15} - 0.356808x_{24} - 1.070423x_4 - 0.131455x_{33} + 0.061033x_{25} - 0.361502x_1 + 0.776525821596$
$z$	7.76525821596	$-0.563380x_3 - 0.244131x_{15} - 0.187793x_{24} - 0.563380x_4 - 0.384977x_{33} - 0.178404x_{25} - 0.558685x_1 - 0.12$

$x_{12}$  enters and  $x_7$  leaves

$x_{14}$	17.4210526316	$-1.947368x_3 + 0.315789x_{15} - 0.315789x_{24} + 1.052632x_4 - 0.736842x_{33} - 0.210526x_{25} - 3.157895x_1 + 1.401754385965$
$x_2$	4.01754385965	$-0.289474x_3 - 0.070175x_{15} - 0.096491x_{24} + 0.710526x_4 - 0.280702x_{33} - 0.008772x_{25} - 0.298246x_1 - 0.206842105263$
$x_{16}$	20.6842105263	$+4.210526x_3 + 0.263158x_{15} - 0.263158x_{24} + 2.210526x_4 + 0.052632x_{33} - 0.842105x_{25} + 4.368421x_1 + 3.889473684211$
$x_{17}$	8.89473684211	$+2.736842x_3 - 0.578947x_{15} - 0.421053x_{24} + 2.736842x_4 + 0.684211x_{33} - 0.947368x_{25} + 4.789474x_1 - 0.0456140350877$
$x_{12}$	0.456140350877	$-0.026316x_3 + 0.175439x_{15} - 0.008772x_{24} - 0.026316x_4 - 0.298246x_{33} + 0.271930x_{25} - 1.754386x_1 - 0.294736842105$
$x_{19}$	2.94736842105	$-4.131579x_3 - 0.789474x_{15} - 0.710526x_{24} - 6.131579x_4 + 1.842105x_{33} - 0.973684x_{25} + 5.894737x_1 + 2.291228070175$
$x_{20}$	2.91228070175	$-1.052632x_3 - 0.649123x_{15} - 0.017544x_{24} - 1.052632x_4 - 0.596491x_{33} + 0.543860x_{25} + 1.491228x_1 - 4.894736842105$
$x_{21}$	8.94736842105	$-1.631579x_3 - 0.789474x_{15} + 0.789474x_{24} + 3.368421x_4 - 0.157895x_{33} - 0.473684x_{25} + 0.894737x_1 + 1.120526315789$
$x_{22}$	12.0526315789	$+4.631579x_3 - 0.210526x_{15} + 1.210526x_{24} + 5.631579x_4 + 0.157895x_{33} - 0.526316x_{25} + 0.105263x_1 - 0.957894736842$
$x_{23}$	9.57894736842	$-0.552632x_3 - 0.315789x_{15} - 0.184211x_{24} - 1.552632x_4 - 0.263158x_{33} - 0.289474x_{25} + 2.157895x_1 + 3.475438596491$
$x_{18}$	4.75438596491	$+0.552632x_3 + 0.982456x_{15} + 0.850877x_{24} + 2.552632x_4 - 0.070175x_{33} + 0.622807x_{25} - 7.824561x_1 + 1.0947368421053$
$x_6$	0.947368421053	$+0.868421x_3 + 0.210526x_{15} + 0.289474x_{24} + 0.868421x_4 - 0.157895x_{33} + 0.026316x_{25} - 1.105263x_1 + 0.154561403509$
$x_{26}$	15.4561403509	$+3.473684x_3 + 0.175439x_{15} + 0.491228x_{24} + 0.473684x_4 - 0.298246x_{33} - 0.228070x_{25} - 2.754386x_1 + 1.10701754386$
$x_{27}$	10.701754386	$+2.421053x_3 + 0.192982x_{15} - 0.859649x_{24} - 3.578947x_4 - 0.228070x_{33} - 0.350877x_{25} + 2.070175x_1 - 1.115614035088$
$x_{28}$	11.5614035088	$+3.236842x_3 + 0.754386x_{15} - 0.587719x_{24} - 4.763158x_4 + 0.017544x_{33} + 0.219298x_{25} + 0.456140x_1 + 3.184035087719$
$x_{29}$	18.4035087719	$-0.657895x_3 - 0.614035x_{15} - 1.219298x_{24} - 1.657895x_4 + 0.543860x_{33} - 1.201754x_{25} + 9.140351x_1 + 5.139824561404$
$x_{30}$	13.9824561404	$+4.289474x_3 + 0.070175x_{15} + 0.096491x_{24} + 2.289474x_4 + 0.280702x_{33} - 0.991228x_{25} + 6.298246x_1 + 4.39649122807$
$x_{31}$	3.9649122807	$-0.921053x_3 - 0.859649x_{15} - 0.307018x_{24} + 3.078947x_4 + 0.561404x_{33} - 0.482456x_{25} + 5.596491x_1 - 1.773684210526$
$x_{32}$	7.73684210526	$-3.157895x_3 - 0.947368x_{15} - 1.052632x_{24} - 2.157895x_4 + 0.210526x_{33} - 0.368421x_{25} + 4.473684x_1 + 0.124561403509$
$x_5$	1.24561403509	$-0.052632x_3 + 0.017544x_{15} - 0.350877x_{24} - 1.052632x_4 + 0.070175x_{33} - 0.122807x_{25} + 0.824561x_1 + 0.849122807018$
$z$	8.49122807018	$-0.605263x_3 + 0.035088x_{15} - 0.201754x_{24} - 0.605263x_4 - 0.859649x_{33} + 0.254386x_{25} - 3.350877x_1 - 1.05$

$x_{10}$  enters and  $x_{19}$  leaves

$x_{14}$	17.2352941176	$-1.686975x_3 + 0.365546x_{15} - 0.271008x_{24} + 1.439076x_4 - 0.852941x_{33} - 0.149160x_{25} - 3.529412x_1 + 1.439076x_4$
$x_2$	4.13725490196	$-0.457283x_3 - 0.102241x_{15} - 0.125350x_{24} + 0.461485x_4 - 0.205882x_{33} - 0.048319x_{25} - 0.058824x_1 + 0.461485x_4$
$x_{16}$	20.1764705882	$+4.922269x_3 + 0.399160x_{15} - 0.140756x_{24} + 3.266807x_4 - 0.264706x_{33} - 0.674370x_{25} + 3.352941x_1 + 3.266807x_4$
$x_{17}$	7.94117647059	$+4.073529x_3 - 0.323529x_{15} - 0.191176x_{24} + 4.720588x_4 + 0.088235x_{33} - 0.632353x_{25} + 2.882353x_1 - 1.911764x_4$
$x_{12}$	0.980392156863	$-0.761204x_3 + 0.035014x_{15} - 0.135154x_{24} - 1.116947x_4 + 0.029412x_{33} + 0.098739x_{25} - 0.705882x_1 + 0.029412x_{33}$
$x_{10}$	0.235294117647	$-0.329832x_3 - 0.063025x_{15} - 0.056723x_{24} - 0.489496x_4 + 0.147059x_{33} - 0.077731x_{25} + 0.470588x_1 + 0.147059x_{33}$
$x_{20}$	3.49019607843	$-1.862745x_3 - 0.803922x_{15} - 0.156863x_{24} - 2.254902x_4 - 0.235294x_{33} + 0.352941x_{25} + 2.647059x_1 - 3.490196x_4$
$x_{21}$	8.11764705882	$-0.468487x_3 - 0.567227x_{15} + 0.989496x_{24} + 5.094538x_4 - 0.676471x_{33} - 0.199580x_{25} - 0.764706x_1 + 0.989496x_{24}$
$x_{22}$	12.4117647059	$+4.128151x_3 - 0.306723x_{15} + 1.123950x_{24} + 4.884454x_4 + 0.382353x_{33} - 0.644958x_{25} + 0.823529x_1 - 0.306723x_{15}$
$x_{23}$	9.76470588235	$-0.813025x_3 - 0.365546x_{15} - 0.228992x_{24} - 1.939076x_4 - 0.147059x_{33} - 0.350840x_{25} + 2.529412x_1 + 3.99160x_{15}$
$x_{18}$	6.8431372549	$-2.375350x_3 + 0.422969x_{15} + 0.347339x_{24} - 1.792717x_4 + 1.235294x_{33} - 0.067227x_{25} - 3.647059x_1 + 3.422969x_{15}$
$x_6$	1.29411764706	$+0.382353x_3 + 0.117647x_{15} + 0.205882x_{24} + 0.147059x_4 + 0.058824x_{33} - 0.088235x_{25} - 0.411765x_1 + 0.117647x_{15}$
$x_{26}$	16.4509803922	$+2.079132x_3 - 0.091036x_{15} + 0.251401x_{24} - 1.595938x_4 + 0.323529x_{33} - 0.556723x_{25} - 0.764706x_1 + 2.079132x_3$
$x_{27}$	10.0784313725	$+3.294818x_3 + 0.359944x_{15} - 0.709384x_{24} - 2.282213x_4 - 0.617647x_{33} - 0.144958x_{25} + 0.823529x_1 - 1.709384x_{24}$
$x_{28}$	12.3333333333	$+2.154762x_3 + 0.547619x_{15} - 0.773810x_{24} - 6.369048x_4 + 0.500000x_{33} - 0.035714x_{25} + 2.000000x_1 + 4.547619x_{15}$
$x_{29}$	16.6862745098	$+1.749300x_3 - 0.154062x_{15} - 0.805322x_{24} + 1.914566x_4 - 0.529412x_{33} - 0.634454x_{25} + 5.705882x_1 + 4.749300x_3$
$x_{30}$	12.6862745098	$+6.106443x_3 + 0.417367x_{15} + 0.408964x_{24} + 4.985994x_4 - 0.529412x_{33} - 0.563025x_{25} + 3.705882x_1 + 3.417367x_{15}$
$x_{31}$	2.78431372549	$+0.733894x_3 - 0.543417x_{15} - 0.022409x_{24} + 5.535014x_4 - 0.176471x_{33} - 0.092437x_{25} + 3.235294x_1 - 2.543417x_{15}$
$x_{32}$	6.88235294118	$-1.960084x_3 - 0.718487x_{15} - 0.846639x_{24} - 0.380252x_4 - 0.323529x_{33} - 0.086134x_{25} + 2.764706x_1 + 0.718487x_{15}$
$x_5$	1.03921568627	$+0.236695x_3 + 0.072829x_{15} - 0.301120x_{24} - 0.623249x_4 - 0.058824x_{33} - 0.054622x_{25} + 0.411765x_1 + 0.072829x_{15}$
$z$	9.25490196078	$-1.675770x_3 - 0.169468x_{15} - 0.385854x_{24} - 2.193978x_4 - 0.382353x_{33} + 0.002101x_{25} - 1.823529x_1 - 0.169468x_{15}$

$x_{25}$  enters and  $x_{10}$  leaves

$x_{14}$	16.7837837838	$-1.054054x_3 + 0.486486x_{15} - 0.162162x_{24} + 2.378378x_4 - 1.135135x_{33} + 1.918919x_{10} - 4.432432x_1 + 0.486486x_{15}$
$x_2$	3.99099099099	$-0.252252x_3 - 0.063063x_{15} - 0.090090x_{24} + 0.765766x_4 - 0.297297x_{33} + 0.621622x_{10} - 0.351351x_1 - 0.063063x_{15}$
$x_{16}$	18.1351351351	$+7.783784x_3 + 0.945946x_{15} + 0.351351x_{24} + 7.513514x_4 - 1.540541x_{33} + 8.675676x_{10} - 0.729730x_1 + 0.945946x_{15}$
$x_{17}$	6.02702702703	$+6.756757x_3 + 0.189189x_{15} + 0.270270x_{24} + 8.702703x_4 - 1.108108x_{33} + 8.135135x_{10} - 0.945946x_1 - 2.702703x_{24}$
$x_{12}$	1.27927927928	$-1.180180x_3 - 0.045045x_{15} - 0.207207x_{24} - 1.738739x_4 + 0.216216x_{33} - 1.270270x_{10} - 0.108108x_1 + 0.216216x_{33}$
$x_{25}$	3.02702702703	$-4.243243x_3 - 0.810811x_{15} - 0.729730x_{24} - 6.297297x_4 + 1.891892x_{33} - 12.864865x_{10} + 6.054054x_1 + 2.729730x_{24}$
$x_{20}$	4.55855855856	$-3.360360x_3 - 1.090090x_{15} - 0.414414x_{24} - 4.477477x_4 + 0.432432x_{33} - 4.540541x_{10} + 4.783784x_1 - 3.360360x_3$
$x_{21}$	7.51351351351	$+0.378378x_3 - 0.405405x_{15} + 1.135135x_{24} + 6.351351x_4 - 1.054054x_{33} + 2.567568x_{10} - 1.972973x_1 + 0.378378x_3$
$x_{22}$	10.4594594595	$+6.864865x_3 + 0.216216x_{15} + 1.594595x_{24} + 8.945946x_4 - 0.837838x_{33} + 8.297297x_{10} - 3.081081x_1 - 1.594595x_{24}$
$x_{23}$	8.7027027027	$+0.675676x_3 - 0.081081x_{15} + 0.027027x_{24} + 0.270270x_4 - 0.810811x_{33} + 4.513514x_{10} + 0.405405x_1 + 2.702703x_{24}$
$x_{18}$	6.63963963964	$-2.090090x_3 + 0.477477x_{15} + 0.396396x_{24} - 1.369369x_4 + 1.108108x_{33} + 0.864865x_{10} - 4.054054x_1 + 3.96396x_{24}$
$x_6$	1.02702702703	$+0.756757x_3 + 0.189189x_{15} + 0.270270x_{24} + 0.702703x_4 - 0.108108x_{33} + 1.135135x_{10} - 0.945946x_1 + 0.189189x_{15}$
$x_{26}$	14.7657657658	$+4.441441x_3 + 0.360360x_{15} + 0.657658x_{24} + 1.909910x_4 - 0.729730x_{33} + 7.162162x_{10} - 4.135135x_1 + 0.360360x_{15}$
$x_{27}$	9.63963963964	$+3.909910x_3 + 0.477477x_{15} - 0.603604x_{24} - 1.369369x_4 - 0.891892x_{33} + 1.864865x_{10} - 0.054054x_1 - 1.603604x_{24}$
$x_{28}$	12.2252252252	$+2.306306x_3 + 0.576577x_{15} - 0.747748x_{24} - 6.144144x_4 + 0.432432x_{33} + 0.459459x_{10} + 1.783784x_1 + 4.576577x_{15}$
$x_{29}$	14.7657657658	$+4.441441x_3 + 0.360360x_{15} - 0.342342x_{24} + 5.909910x_4 - 1.729730x_{33} + 8.162162x_{10} + 1.864865x_1 + 2.360360x_{15}$
$x_{30}$	10.981981982	$+8.495495x_3 + 0.873874x_{15} + 0.819820x_{24} + 8.531532x_4 - 1.594595x_{33} + 7.243243x_{10} + 0.297297x_1 + 8.495495x_3$
$x_{31}$	2.5045045045	$+1.126126x_3 - 0.648468x_{15} + 0.045045x_{24} + 6.117117x_4 - 0.351351x_{33} + 1.189189x_{10} + 2.675676x_1 - 2.126126x_3$
$x_{32}$	6.62162162162	$-1.594595x_3 - 0.648469x_{15} - 0.783784x_{24} + 0.162162x_4 - 0.486486x_{33} + 1.108108x_{10} + 2.243243x_1 + 0.648469x_{15}$
$x_5$	0.873873873874	$+0.468468x_3 + 0.117117x_{15} - 0.261261x_{24} - 0.279279x_4 - 0.162162x_{33} + 0.702703x_{10} + 0.081081x_1 + 0.117117x_{15}$
$z$	9.26126126126	$-1.684685x_3 - 0.171171x_{15} - 0.387387x_{24} - 2.207207x_4 - 0.378378x_{33} - 0.027027x_{10} - 1.810811x_1 - 0.171171x_{15}$

$x_{-1}$  enters and Final Dictionary Solution: 9.26126126126 Num Pivots: 10