

$x_{14}$	10.0	$+1.000000x_1 + 2.000000x_2$	$-1.000000x_4 - 2.000000x_5 + 3.000000x_6 - 1.000000x_7$	$-1.000000x_8$
$x_{15}$	10.0	$-1.000000x_1 - 2.000000x_2 + 3.000000x_3 - 3.000000x_4 - 1.000000x_5 - 2.000000x_6 - 1.000000x_7 - 2.000000x_8 - 2.000000x_9$		
$x_{16}$	15.0	$-2.000000x_1 + 2.000000x_2 + 3.000000x_3$	$-3.000000x_5$	$-1.000000x_7 - 1.000000x_8 - 1.000000x_9$
$x_{17}$	12.0	$-1.000000x_3 - 1.000000x_4 - 2.000000x_5 + 1.000000x_6 + 1.000000x_7 + 3.000000x_8 + 2.000000x_9$		
$x_{18}$	15.0	$-1.000000x_1 - 1.000000x_2 - 3.000000x_3 + 1.000000x_4 + 1.000000x_5 - 2.000000x_6 - 2.000000x_7 + 2.000000x_8 + 3.000000x_9$		
$x_{19}$	14.0	$+2.000000x_1 - 1.000000x_2 - 3.000000x_3 - 2.000000x_4 - 3.000000x_5 - 1.000000x_6 - 1.000000x_7 + 3.000000x_8 - 1.000000x_9$		
$x_{20}$	5.0	$-2.000000x_1$	$+2.000000x_3 + 1.000000x_4 - 1.000000x_5 + 2.000000x_6 - 3.000000x_7$	
$x_{21}$	4.0	$+3.000000x_1$	$+3.000000x_3$	$-3.000000x_5 - 1.000000x_6 - 3.000000x_7 - 2.000000x_8 - 2.000000x_9$
$x_{22}$	13.0	$+1.000000x_1 - 1.000000x_2 - 3.000000x_3$	$+3.000000x_5 - 1.000000x_6 + 1.000000x_7 - 3.000000x_8$	
$x_{23}$	7.0	$+3.000000x_1 + 3.000000x_2 - 2.000000x_3 - 2.000000x_4 - 2.000000x_5 + 1.000000x_6 - 1.000000x_7 - 3.000000x_8 - 3.000000x_9$		
$x_{24}$	7.0	$-1.000000x_1$	$+1.000000x_3 + 3.000000x_4 + 2.000000x_5 - 3.000000x_6$	$-1.000000x_8$
$x_{25}$	7.0	$+1.000000x_1 + 1.000000x_2 + 3.000000x_3 - 1.000000x_4 - 1.000000x_5 - 3.000000x_6 - 3.000000x_7 - 1.000000x_8 + 1.000000x_9$		
$x_{26}$	7.0	$+2.000000x_1 + 2.000000x_2 - 2.000000x_3 + 1.000000x_4 + 3.000000x_5 + 3.000000x_6 + 3.000000x_7 - 1.000000x_8 + 1.000000x_9$		
$x_{27}$	3.0	$+1.000000x_1 + 1.000000x_2 - 2.000000x_3$	$-1.000000x_5 - 3.000000x_6 + 3.000000x_7 + 1.000000x_8 - 2.000000x_9$	
$x_{28}$	8.0	$-2.000000x_2$	$-2.000000x_4 + 3.000000x_5 + 3.000000x_6 + 3.000000x_7 - 2.000000x_8 - 1.000000x_9$	
$x_{29}$	1.0	$-3.000000x_1 + 3.000000x_2 - 1.000000x_3 + 1.000000x_4 - 2.000000x_5 - 3.000000x_6 - 2.000000x_7 - 1.000000x_8 + 1.000000x_9$		
$x_{30}$	8.0	$-3.000000x_1 - 3.000000x_2 + 2.000000x_3 + 3.000000x_4 + 3.000000x_5 + 3.000000x_6 + 2.000000x_7 - 2.000000x_8 - 2.000000x_9$		
$x_{31}$	15.0	$+1.000000x_1 + 1.000000x_2 + 2.000000x_3 + 3.000000x_4 + 2.000000x_5 + 3.000000x_6 - 3.000000x_7 - 1.000000x_8$		
$x_{32}$	3.0	$+3.000000x_1 - 3.000000x_2 - 2.000000x_3 + 1.000000x_4 + 2.000000x_5 + 2.000000x_6$		$-3.000000x_9$
$x_{33}$	1.0	$-2.000000x_3 + 1.000000x_4 - 2.000000x_5$	$+2.000000x_7 - 3.000000x_8 - 1.000000x_9$	
$z$	0.0	$-1.000000x_2 - 2.000000x_3 - 1.000000x_4 - 1.000000x_5 + 1.000000x_6 - 2.000000x_7 - 1.000000x_8$		

No initialization required – Proceed to Optimize.

$x_{14}$	10.0	$+1.000000x_1 + 2.000000x_2$	$-1.000000x_4 - 2.000000x_5 + 3.000000x_6 - 1.000000x_7$	$-1.000000x_8$
$x_{15}$	10.0	$-1.000000x_1 - 2.000000x_2 + 3.000000x_3 - 3.000000x_4 - 1.000000x_5 - 2.000000x_6 - 1.000000x_7 - 2.000000x_8 - 2.000000x_9$		
$x_{16}$	15.0	$-2.000000x_1 + 2.000000x_2 + 3.000000x_3$	$-3.000000x_5$	$-1.000000x_7 - 1.000000x_8 - 1.000000x_9$
$x_{17}$	12.0	$-1.000000x_3 - 1.000000x_4 - 2.000000x_5 + 1.000000x_6 + 1.000000x_7 + 3.000000x_8 + 2.000000x_9$		
$x_{18}$	15.0	$-1.000000x_1 - 1.000000x_2 - 3.000000x_3 + 1.000000x_4 + 1.000000x_5 - 2.000000x_6 - 2.000000x_7 + 2.000000x_8 + 3.000000x_9$		
$x_{19}$	14.0	$+2.000000x_1 - 1.000000x_2 - 3.000000x_3 - 2.000000x_4 - 3.000000x_5 - 1.000000x_6 - 1.000000x_7 + 3.000000x_8 - 1.000000x_9$		
$x_{20}$	5.0	$-2.000000x_1$	$+2.000000x_3 + 1.000000x_4 - 1.000000x_5 + 2.000000x_6 - 3.000000x_7$	
$x_{21}$	4.0	$+3.000000x_1$	$+3.000000x_3$	$-3.000000x_5 - 1.000000x_6 - 3.000000x_7 - 2.000000x_8 - 2.000000x_9$
$x_{22}$	13.0	$+1.000000x_1 - 1.000000x_2 - 3.000000x_3$	$+3.000000x_5 - 1.000000x_6 + 1.000000x_7 - 3.000000x_8$	
$x_{23}$	7.0	$+3.000000x_1 + 3.000000x_2 - 2.000000x_3 - 2.000000x_4 - 2.000000x_5 + 1.000000x_6 - 1.000000x_7 - 3.000000x_8 - 3.000000x_9$		
$x_{24}$	7.0	$-1.000000x_1$	$+1.000000x_3 + 3.000000x_4 + 2.000000x_5 - 3.000000x_6$	$-1.000000x_8$
$x_{25}$	7.0	$+1.000000x_1 + 1.000000x_2 + 3.000000x_3 - 1.000000x_4 - 1.000000x_5 - 3.000000x_6 - 3.000000x_7 - 1.000000x_8 + 1.000000x_9$		
$x_{26}$	7.0	$+2.000000x_1 + 2.000000x_2 - 2.000000x_3 + 1.000000x_4 + 3.000000x_5 + 3.000000x_6 + 3.000000x_7 - 1.000000x_8 + 1.000000x_9$		
$x_{27}$	3.0	$+1.000000x_1 + 1.000000x_2 - 2.000000x_3$	$-1.000000x_5 - 3.000000x_6 + 3.000000x_7 + 1.000000x_8 - 2.000000x_9$	
$x_{28}$	8.0	$-2.000000x_2$	$-2.000000x_4 + 3.000000x_5 + 3.000000x_6 + 3.000000x_7 - 2.000000x_8 - 1.000000x_9$	
$x_{29}$	1.0	$-3.000000x_1 + 3.000000x_2 - 1.000000x_3 + 1.000000x_4 - 2.000000x_5 - 3.000000x_6 - 2.000000x_7 - 1.000000x_8 + 1.000000x_9$		
$x_{30}$	8.0	$-3.000000x_1 - 3.000000x_2 + 2.000000x_3 + 3.000000x_4 + 3.000000x_5 + 3.000000x_6 + 2.000000x_7 - 2.000000x_8 - 2.000000x_9$		
$x_{31}$	15.0	$+1.000000x_1 + 1.000000x_2 + 2.000000x_3 + 3.000000x_4 + 2.000000x_5 + 3.000000x_6 - 3.000000x_7 - 1.000000x_8$		
$x_{32}$	3.0	$+3.000000x_1 - 3.000000x_2 - 2.000000x_3 + 1.000000x_4 + 2.000000x_5 + 2.000000x_6$		$-3.000000x_9$
$x_{33}$	1.0	$-2.000000x_3 + 1.000000x_4 - 2.000000x_5$	$+2.000000x_7 - 3.000000x_8 - 1.000000x_9$	
$z$	0.0	$-1.000000x_2 - 2.000000x_3 - 1.000000x_4 - 1.000000x_5 + 1.000000x_6 - 2.000000x_7 - 1.000000x_8$		

$x_6$  enters and  $x_{29}$  leaves

$x_{14}$	11.0	$-2.000000x_1 + 5.000000x_2 - 1.000000x_3$	$-4.000000x_5 - 1.000000x_{29} - 3.000000x_7 - 1.000000x_8$
$x_{15}$	9.3333333333	$+1.000000x_1 - 4.000000x_2 + 3.666667x_3 - 3.666667x_4 + 0.333333x_5 + 0.666667x_{29} + 0.333333x_7 - 1.333333x_8$	
$x_{16}$	15.0	$-2.000000x_1 + 2.000000x_2 + 3.000000x_3$	$-3.000000x_5 - 1.000000x_7 - 1.000000x_8$
$x_{17}$	12.3333333333	$-1.000000x_1 + 1.000000x_2 - 1.333333x_3 - 0.666667x_4 - 2.666667x_5 - 0.333333x_{29} + 0.333333x_7 + 2.666667x_8$	
$x_{18}$	14.3333333333	$+1.000000x_1 - 3.000000x_2 - 2.333333x_3 + 0.333333x_4 + 2.333333x_5 + 0.666667x_{29} - 0.666667x_7 + 2.666667x_8$	
$x_{19}$	13.6666666667	$+3.000000x_1 - 2.000000x_2 - 2.666667x_3 - 2.333333x_4 - 2.333333x_5 + 0.333333x_{29} - 0.333333x_7 + 3.333333x_8$	
$x_{20}$	5.6666666667	$-4.000000x_1 + 2.000000x_2 + 1.333333x_3 + 1.666667x_4 - 2.333333x_5 - 0.666667x_{29} - 4.333333x_7 - 0.666667x_8$	
$x_{21}$	3.6666666667	$+4.000000x_1 - 1.000000x_2 + 3.333333x_3 - 0.333333x_4 - 2.333333x_5 + 0.333333x_{29} - 2.333333x_7 - 1.666667x_8$	
$x_{22}$	12.6666666667	$+2.000000x_1 - 2.000000x_2 - 2.666667x_3 - 0.333333x_4 + 3.666667x_5 + 0.333333x_{29} + 1.666667x_7 - 2.666667x_8$	
$x_{23}$	7.3333333333	$+2.000000x_1 + 4.000000x_2 - 2.333333x_3 - 1.666667x_4 - 2.666667x_5 - 0.333333x_{29} - 1.666667x_7 - 3.333333x_8$	
$x_{24}$	6.0	$+2.000000x_1 - 3.000000x_2 + 2.000000x_3 + 2.000000x_4 + 4.000000x_5 + 1.000000x_{29} + 2.000000x_7$	
$x_{25}$	6.0	$+4.000000x_1 - 2.000000x_2 + 4.000000x_3 - 2.000000x_4 + 1.000000x_5 + 1.000000x_{29} - 1.000000x_7$	
$x_{26}$	8.0	$-1.000000x_1 + 5.000000x_2 - 3.000000x_3 + 2.000000x_4 + 1.000000x_5 - 1.000000x_{29} + 1.000000x_7 - 2.000000x_8$	
$x_{27}$	2.0	$+4.000000x_1 - 2.000000x_2 - 1.000000x_3 - 1.000000x_4 + 1.000000x_5 + 1.000000x_{29} + 5.000000x_7 + 2.000000x_8$	
$x_{28}$	9.0	$-3.000000x_1 + 1.000000x_2 - 1.000000x_3 - 1.000000x_4 + 1.000000x_5 - 1.000000x_{29} + 1.000000x_7 - 3.000000x_8$	
$x_6$	0.333333333333	$-1.000000x_1 + 1.000000x_2 - 0.333333x_3 + 0.333333x_4 - 0.666667x_5 - 0.333333x_{29} - 0.666667x_7 - 0.333333x_8$	
$x_{30}$	9.0	$-6.000000x_1 + 1.000000x_3 + 4.000000x_4 + 1.000000x_5 - 1.000000x_{29} - 3.000000x_7$	
$x_{31}$	16.0	$-2.000000x_1 + 4.000000x_2 + 1.000000x_3 + 4.000000x_4 - 1.000000x_{29} - 5.000000x_7 - 2.000000x_8$	
$x_{32}$	3.6666666667	$+1.000000x_1 - 1.000000x_2 - 2.666667x_3 + 1.666667x_4 + 0.666667x_5 - 0.666667x_{29} - 1.333333x_7 - 0.666667x_8$	
$x_{33}$	1.0	$-2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_7 - 3.000000x_8$	
$z$	0.333333333333	$-1.000000x_1 - 2.333333x_3 - 0.666667x_4 - 1.666667x_5 - 0.333333x_{29} - 2.666667x_7 - 1.333333x_8$	

$x_9$  enters and  $x_{27}$  leaves

$x_{14}$	11.0	$-2.000000x_1 + 5.000000x_2 - 1.000000x_3$	$-4.000000x_5 - 1.000000x_{29} - 3.000000x_7 - 1.000000x_8$
$x_{15}$	7.5555555556	$-2.555556x_1 - 2.222222x_2 + 4.555556x_3 - 2.777778x_4 - 0.555556x_5 - 0.222222x_{29} - 4.111111x_7 - 3.111111x_8$	
$x_{16}$	14.3333333333	$-3.333333x_1 + 2.666667x_2 + 3.333333x_3 + 0.333333x_4 - 3.333333x_5 - 0.333333x_{29} - 2.666667x_7 - 1.666667x_8$	
$x_{17}$	13.8888888889	$+2.111111x_1 - 0.555556x_2 - 2.111111x_3 - 1.444444x_4 - 1.888889x_5 + 0.444444x_{29} + 4.222222x_7 + 4.222222x_8$	
$x_{18}$	15.8888888889	$+4.111111x_1 - 4.555556x_2 - 3.111111x_3 - 0.444444x_4 + 3.111111x_5 + 1.444444x_{29} + 3.222222x_7 + 4.222222x_8$	
$x_{19}$	12.7777777778	$+1.222222x_1 - 1.111111x_2 - 2.222222x_3 - 1.888889x_4 - 2.777778x_5 - 0.111111x_{29} - 2.555556x_7 + 2.444444x_8$	
$x_{20}$	6.1111111111	$-3.111111x_1 + 1.555556x_2 + 1.111111x_3 + 1.444444x_4 - 2.111111x_5 - 0.444444x_{29} - 3.222222x_7 - 0.222222x_8$	
$x_{21}$	2.1111111111	$+0.888889x_1 + 0.555556x_2 + 4.111111x_3 + 0.444444x_4 - 3.111111x_5 - 0.444444x_{29} - 6.222222x_7 - 3.222222x_8$	
$x_{22}$	12.4444444444	$+1.555556x_1 - 1.777778x_2 - 2.555556x_3 - 0.222222x_4 + 3.555556x_5 + 0.222222x_{29} + 1.111111x_7 - 2.888889x_8$	
$x_{23}$	5.5555555556	$-1.555556x_1 + 5.777778x_2 - 1.444444x_3 - 0.777778x_4 - 3.555556x_5 - 1.222222x_{29} - 6.111111x_7 - 5.111111x_8$	
$x_{24}$	5.3333333333	$+0.666667x_1 - 2.333333x_2 + 2.333333x_3 + 2.333333x_4 + 3.666667x_5 + 0.666667x_{29} + 0.333333x_7 - 0.666667x_8$	
$x_{25}$	6.0	$+4.000000x_1 - 2.000000x_2 + 4.000000x_3 - 2.000000x_4 + 1.000000x_5 + 1.000000x_{29} - 1.000000x_7$	
$x_{26}$	9.3333333333	$+1.666667x_1 + 3.666667x_2 - 3.666667x_3 + 1.333333x_4 + 1.666667x_5 - 0.333333x_{29} + 4.333333x_7 - 0.666667x_8$	
$x_9$	0.6666666667	$+1.333333x_1 - 0.666667x_2 - 0.333333x_3 - 0.333333x_4 + 0.333333x_5 + 0.333333x_{29} + 1.666667x_7 + 0.666667x_8$	
$x_{28}$	9.0	$-3.000000x_1 + 1.000000x_2 - 1.000000x_3 - 1.000000x_4 + 1.000000x_5 - 1.000000x_{29} + 1.000000x_7 - 3.000000x_8$	
$x_6$	0.5555555556	$-0.555556x_1 + 0.777778x_2 - 0.444444x_3 + 0.222222x_4 - 0.555556x_5 - 0.222222x_{29} - 0.111111x_7 - 0.111111x_8$	
$x_{30}$	8.3333333333	$-7.333333x_1 + 0.666667x_2 + 1.333333x_3 + 4.333333x_4 + 0.666667x_5 - 1.333333x_{29} - 1.666667x_7 - 3.666667x_8$	
$x_{31}$	16.6666666667	$-0.666667x_1 + 3.333333x_2 + 0.666667x_3 + 3.666667x_4 + 0.333333x_5 - 0.666667x_{29} - 3.333333x_7 - 1.333333x_8$	
$x_{32}$	2.1111111111	$-2.111111x_1 + 0.555556x_2 - 1.888889x_3 + 2.444444x_4 - 0.111111x_5 - 1.444444x_{29} - 5.222222x_7 - 2.222222x_8$	
$x_{33}$	0.333333333333	$-1.333333x_1 + 0.666667x_2 - 1.666667x_3 + 1.333333x_4 - 2.333333x_5 - 0.333333x_{29} + 0.333333x_7 - 3.666667x_8$	
$z$	0.5555555556	$-0.555556x_1 - 0.222222x_2 - 2.444444x_3 - 0.777778x_4 - 1.555556x_5 - 0.222222x_{29} - 2.111111x_7 - 1.111111x_8$	

$x_{11}$  enters and  $x_9$  leaves

$x_{14}$	17.0	$+10.000000x_1 - 1.000000x_2 - 4.000000x_3 - 3.000000x_4 - 1.000000x_5 + 2.000000x_{29} + 12.000000x_7 + 5.000000x_8$
$x_{15}$	8.6666666667	$-0.333333x_1 - 3.333333x_2 + 4.000000x_3 - 3.333333x_4 + 0.333333x_{29} - 1.333333x_7 - 2.666667x_8$
$x_{16}$	13.0	$-6.000000x_1 + 4.000000x_2 + 4.000000x_3 + 1.000000x_4 - 4.000000x_5 - 1.000000x_{29} - 6.000000x_7 - 3.000000x_8$
$x_{17}$	13.6666666667	$+1.666667x_1 - 0.333333x_2 - 2.000000x_3 - 1.333333x_4 - 2.000000x_5 + 0.333333x_{29} + 3.666667x_7 + 4.666667x_8$
$x_{18}$	15.6666666667	$+3.666667x_1 - 4.333333x_2 - 3.000000x_3 - 0.333333x_4 + 3.000000x_5 + 1.333333x_{29} + 2.666667x_7 + 4.666667x_8$
$x_{19}$	18.3333333333	$+12.333333x_1 - 6.666667x_2 - 5.000000x_3 - 4.666667x_4 + 2.666667x_{29} + 11.333333x_7 + 8.666667x_8$
$x_{20}$	6.3333333333	$-2.666667x_1 + 1.333333x_2 + 1.000000x_3 + 1.333333x_4 - 2.000000x_5 - 0.333333x_{29} - 2.666667x_7 - 0.666667x_8$
$x_{21}$	0.3333333333	$-2.666667x_1 + 2.333333x_2 + 5.000000x_3 + 1.333333x_4 - 4.000000x_5 - 1.333333x_{29} - 10.666667x_7 - 5.666667x_8$
$x_{22}$	17.3333333333	$+11.333333x_1 - 6.666667x_2 - 5.000000x_3 - 2.666667x_4 + 6.000000x_5 + 2.666667x_{29} + 13.333333x_7 + 2.666667x_8$
$x_{23}$	14.6666666667	$+16.666667x_1 - 3.333333x_2 - 6.000000x_3 - 5.333333x_4 + 1.000000x_5 + 3.333333x_{29} + 16.666667x_7 + 4.666667x_8$
$x_{24}$	4.0	$-2.000000x_1 - 1.000000x_2 + 3.000000x_3 + 3.000000x_4 + 3.000000x_5 - 3.000000x_7 - 2.000000x_8$
$x_{25}$	2.0	$-4.000000x_1 + 2.000000x_2 + 6.000000x_3 - 1.000000x_5 - 1.000000x_{29} - 11.000000x_7 - 4.000000x_8$
$x_{26}$	16.0	$+15.000000x_1 - 3.000000x_2 - 7.000000x_3 - 2.000000x_4 + 5.000000x_5 + 3.000000x_{29} + 21.000000x_7 + 6.000000x_8$
$x_{11}$	2.0	$+4.000000x_1 - 2.000000x_2 - 1.000000x_3 - 1.000000x_4 + 1.000000x_5 + 1.000000x_{29} + 5.000000x_7 + 2.000000x_8$
$x_{28}$	15.0	$+9.000000x_1 - 5.000000x_2 - 4.000000x_3 - 4.000000x_4 + 4.000000x_5 + 2.000000x_{29} + 16.000000x_7 + 3.000000x_8$
$x_6$	1.6666666667	$+1.666667x_1 - 0.333333x_2 - 1.000000x_3 - 0.333333x_4 + 0.333333x_{29} + 2.666667x_7 + 1.666667x_8$
$x_{30}$	15.0	$+6.000000x_1 - 6.000000x_2 - 2.000000x_3 + 1.000000x_4 + 4.000000x_5 + 2.000000x_{29} + 15.000000x_7 + 3.000000x_8$
$x_{31}$	26.0	$+18.000000x_1 - 6.000000x_2 - 4.000000x_3 - 1.000000x_4 + 5.000000x_5 + 4.000000x_{29} + 20.000000x_7 + 8.000000x_8$
$x_{32}$	2.3333333333	$-1.666667x_1 + 0.333333x_2 - 2.000000x_3 + 2.333333x_4 - 1.333333x_{29} - 4.666667x_7 - 2.666667x_8$
$x_{33}$	3.0	$+4.000000x_1 - 2.000000x_2 - 3.000000x_3 - 1.000000x_5 + 1.000000x_{29} + 7.000000x_7 - 1.000000x_8$
$z$	3.6666666667	$+5.666667x_1 - 3.333333x_2 - 4.000000x_3 - 2.333333x_4 + 1.333333x_{29} + 5.666667x_7 + 2.666667x_8$

$x_1$  enters and  $x_{21}$  leaves

$x_{14}$	18.25	$-3.750000x_{21} + 7.750000x_2 + 14.750000x_3 + 2.000000x_4 - 16.000000x_5 - 3.000000x_{29} - 28.000000x_7 - 13.750000x_8$
$x_{15}$	8.625	$+0.125000x_{21} - 3.625000x_2 + 3.375000x_3 - 3.500000x_4 + 0.500000x_5 + 0.500000x_{29} - 0.000000x_7 - 1.375000x_8$
$x_{16}$	12.25	$+2.250000x_{21} - 1.250000x_2 - 7.250000x_3 - 2.000000x_4 + 5.000000x_5 + 2.000000x_{29} + 18.000000x_7 + 8.250000x_8$
$x_{17}$	13.875	$-0.625000x_{21} + 1.125000x_2 + 1.125000x_3 - 0.500000x_4 - 4.500000x_5 - 0.500000x_{29} - 3.000000x_7 + 0.875000x_8$
$x_{18}$	16.125	$-1.375000x_{21} - 1.125000x_2 + 3.875000x_3 + 1.500000x_4 - 2.500000x_5 - 0.500000x_{29} - 12.000000x_7 - 2.875000x_8$
$x_{19}$	19.875	$-4.625000x_{21} + 4.125000x_2 + 18.125000x_3 + 1.500000x_4 - 18.500000x_5 - 3.500000x_{29} - 38.000000x_7 - 15.125000x_8$
$x_{20}$	6.0	$+1.000000x_{21} - 1.000000x_2 - 4.000000x_3 - 0.000000x_4 + 2.000000x_5 + 1.000000x_{29} + 8.000000x_7 + 5.000000x_8$
$x_1$	0.125	$-0.375000x_{21} + 0.875000x_2 + 1.875000x_3 + 0.500000x_4 - 1.500000x_5 - 0.500000x_{29} - 4.000000x_7 - 1.875000x_8$
$x_{22}$	18.75	$-4.250000x_{21} + 3.250000x_2 + 16.250000x_3 + 3.000000x_4 - 11.000000x_5 - 3.000000x_{29} - 32.000000x_7 - 19.250000x_8$
$x_{23}$	16.75	$-6.250000x_{21} + 11.250000x_2 + 25.250000x_3 + 3.000000x_4 - 24.000000x_5 - 5.000000x_{29} - 50.000000x_7 - 27.250000x_8$
$x_{24}$	3.75	$+0.750000x_{21} - 2.750000x_2 - 0.750000x_3 + 2.000000x_4 + 6.000000x_5 + 1.000000x_{29} + 5.000000x_7 + 1.750000x_8$
$x_{25}$	1.5	$+1.500000x_{21} - 1.500000x_2 - 1.500000x_3 - 2.000000x_4 + 5.000000x_5 + 1.000000x_{29} + 5.000000x_7 + 3.500000x_8$
$x_{26}$	17.875	$-5.625000x_{21} + 10.125000x_2 + 21.125000x_3 + 5.500000x_4 - 17.500000x_5 - 4.500000x_{29} - 39.000000x_7 - 22.125000x_8$
$x_{11}$	2.5	$-1.500000x_{21} + 1.500000x_2 + 6.500000x_3 + 1.000000x_4 - 5.000000x_5 - 1.000000x_{29} - 11.000000x_7 - 5.500000x_8$
$x_{28}$	16.125	$-3.375000x_{21} + 2.875000x_2 + 12.875000x_3 + 0.500000x_4 - 9.500000x_5 - 2.500000x_{29} - 20.000000x_7 - 13.875000x_8$
$x_6$	1.875	$-0.625000x_{21} + 1.125000x_2 + 2.125000x_3 + 0.500000x_4 - 2.500000x_5 - 0.500000x_{29} - 4.000000x_7 - 2.125000x_8$
$x_{30}$	15.75	$-2.250000x_{21} - 0.750000x_2 + 9.250000x_3 + 4.000000x_4 - 5.000000x_5 - 1.000000x_{29} - 9.000000x_7 - 8.250000x_8$
$x_{31}$	28.25	$-6.750000x_{21} + 9.750000x_2 + 29.750000x_3 + 8.000000x_4 - 22.000000x_5 - 5.000000x_{29} - 52.000000x_7 - 25.750000x_8$
$x_{32}$	2.125	$+0.625000x_{21} - 1.125000x_2 - 5.125000x_3 + 1.500000x_4 + 2.500000x_5 - 0.500000x_{29} + 2.000000x_7 + 1.125000x_8$
$x_{33}$	3.5	$-1.500000x_{21} + 1.500000x_2 + 4.500000x_3 + 2.000000x_4 - 7.000000x_5 - 1.000000x_{29} - 9.000000x_7 - 8.500000x_8$
$z$	4.375	$-2.125000x_{21} + 1.625000x_2 + 6.625000x_3 + 0.500000x_4 - 8.500000x_5 - 1.500000x_{29} - 17.000000x_7 - 8.625000x_8$

$x_2$  enters and  $x_{25}$  leaves

$x_{14}$	26.0	$+4.000000x_{21} - 5.166667x_{25} + 7.000000x_3 - 8.333333x_4 + 9.833333x_5 + 2.166667x_{29} - 2.166667x_7 + 4.333333$
$x_{15}$	5.0	$-3.500000x_{21} + 2.416667x_{25} + 7.000000x_3 + 1.333333x_4 - 11.583333x_5 - 1.916667x_{29} - 12.083333x_7 - 9.833333$
$x_{16}$	11.0	$+1.000000x_{21} + 0.833333x_{25} - 6.000000x_3 - 0.333333x_4 + 0.833333x_5 + 1.166667x_{29} + 13.833333x_7 + 5.333333$
$x_{17}$	15.0	$+0.500000x_{21} - 0.750000x_{25} - 0.000000x_3 - 2.000000x_4 - 0.750000x_5 + 0.250000x_{29} + 0.750000x_7 + 3.500000$
$x_{18}$	15.0	$-2.500000x_{21} + 0.750000x_{25} + 5.000000x_3 + 3.000000x_4 - 6.250000x_5 - 1.250000x_{29} - 15.750000x_7 - 5.500000$
$x_{19}$	24.0	$-0.500000x_{21} - 2.750000x_{25} + 14.000000x_3 - 4.000000x_4 - 4.750000x_5 - 0.750000x_{29} - 24.250000x_7 - 5.500000$
$x_{20}$	5.0	$+0.666667x_{25} - 3.000000x_3 + 1.333333x_4 - 1.333333x_5 + 0.333333x_{29} + 4.666667x_7 + 2.666667$
$x_1$	1.0	$+0.500000x_{21} - 0.583333x_{25} + 1.000000x_3 - 0.666667x_4 + 1.416667x_5 + 0.083333x_{29} - 1.083333x_7 + 0.166667$
$x_{22}$	22.0	$-1.000000x_{21} - 2.166667x_{25} + 13.000000x_3 - 1.333333x_4 - 0.166667x_5 - 0.833333x_{29} - 21.166667x_7 - 11.666667$
$x_{23}$	28.0	$+5.000000x_{21} - 7.500000x_{25} + 14.000000x_3 - 12.000000x_4 + 13.500000x_5 + 2.500000x_{29} - 12.500000x_7 - 1.000000$
$x_{24}$	1.0	$-2.000000x_{21} + 1.833333x_{25} + 2.000000x_3 + 5.666667x_4 - 3.166667x_5 - 0.833333x_{29} - 4.166667x_7 - 4.666667$
$x_2$	1.0	$+1.000000x_{21} - 0.666667x_{25} - 1.000000x_3 - 1.333333x_4 + 3.333333x_5 + 0.666667x_{29} + 3.333333x_7 + 2.333333$
$x_{26}$	28.0	$+4.500000x_{21} - 6.750000x_{25} + 11.000000x_3 - 8.000000x_4 + 16.250000x_5 + 2.250000x_{29} - 5.250000x_7 + 1.500000$
$x_{11}$	4.0	$-1.000000x_{25} + 5.000000x_3 - 1.000000x_4 - 6.000000x_7 - 2.000000$
$x_{28}$	19.0	$-0.500000x_{21} - 1.916667x_{25} + 10.000000x_3 - 3.333333x_4 + 0.083333x_5 - 0.583333x_{29} - 10.416667x_7 - 7.166667$
$x_6$	3.0	$+0.500000x_{21} - 0.750000x_{25} + 1.000000x_3 - 1.000000x_4 + 1.250000x_5 + 0.250000x_{29} - 0.250000x_7 + 0.500000$
$x_{30}$	15.0	$-3.000000x_{21} + 0.500000x_{25} + 10.000000x_3 + 5.000000x_4 - 7.500000x_5 - 1.500000x_{29} - 11.500000x_7 - 10.000000$
$x_{31}$	38.0	$+3.000000x_{21} - 6.500000x_{25} + 20.000000x_3 - 5.000000x_4 + 10.500000x_5 + 1.500000x_{29} - 19.500000x_7 - 3.000000$
$x_{32}$	1.0	$-0.500000x_{21} + 0.750000x_{25} - 4.000000x_3 + 3.000000x_4 - 1.250000x_5 - 1.250000x_{29} - 1.750000x_7 - 1.500000$
$x_{33}$	5.0	$-1.000000x_{25} + 3.000000x_3 - 2.000000x_5 - 4.000000x_7 - 5.000000$
$z$	6.0	$-0.500000x_{21} - 1.083333x_{25} + 5.000000x_3 - 1.666667x_4 - 3.083333x_5 - 0.416667x_{29} - 11.583333x_7 - 4.833333$

$x_3$  enters and  $x_{32}$  leaves

$x_{14}$	27.75	$+3.125000x_{21} - 3.854167x_{25} - 1.750000x_{32} - 3.083333x_4 + 7.645833x_5 - 0.020833x_{29} - 5.229167x_7 + 1.708333$
$x_{15}$	6.75	$-4.375000x_{21} + 3.729167x_{25} - 1.750000x_{32} + 6.583333x_4 - 13.770833x_5 - 4.104167x_{29} - 15.145833x_7 - 12.458333$
$x_{16}$	9.5	$+1.750000x_{21} - 0.291667x_{25} + 1.500000x_{32} - 4.833333x_4 + 2.708333x_5 + 3.041667x_{29} + 16.458333x_7 + 7.583333$
$x_{17}$	15.0	$+0.500000x_{21} - 0.750000x_{25} + 0.000000x_{32} - 2.000000x_4 - 0.750000x_5 + 0.250000x_{29} + 0.750000x_7 + 3.500000$
$x_{18}$	16.25	$-3.125000x_{21} + 1.687500x_{25} - 1.250000x_{32} + 6.750000x_4 - 7.812500x_5 - 2.812500x_{29} - 17.937500x_7 - 7.375000$
$x_{19}$	27.5	$-2.250000x_{21} - 0.125000x_{25} - 3.500000x_{32} + 6.500000x_4 - 9.125000x_5 - 5.125000x_{29} - 30.375000x_7 - 10.750000$
$x_{20}$	4.25	$+0.375000x_{21} + 0.104167x_{25} + 0.750000x_{32} - 0.916667x_4 - 0.395833x_5 + 1.270833x_{29} + 5.979167x_7 + 3.791667$
$x_1$	1.25	$+0.375000x_{21} - 0.395833x_{25} - 0.250000x_{32} + 0.083333x_4 + 1.104167x_5 - 0.229167x_{29} - 1.520833x_7 - 0.208333$
$x_{22}$	25.25	$-2.625000x_{21} + 0.270833x_{25} - 3.250000x_{32} + 8.416667x_4 - 4.229167x_5 - 4.895833x_{29} - 26.854167x_7 - 16.541667$
$x_{23}$	31.5	$+3.250000x_{21} - 4.875000x_{25} - 3.500000x_{32} - 1.500000x_4 + 9.125000x_5 - 1.875000x_{29} - 18.625000x_7 - 6.250000$
$x_{24}$	1.5	$-2.250000x_{21} + 2.208333x_{25} - 0.500000x_{32} + 7.166667x_4 - 3.791667x_5 - 1.458333x_{29} - 5.041667x_7 - 5.416667$
$x_2$	0.75	$+1.125000x_{21} - 0.854167x_{25} + 0.250000x_{32} - 2.083333x_4 + 3.645833x_5 + 0.979167x_{29} + 3.770833x_7 + 2.708333$
$x_{26}$	30.75	$+3.125000x_{21} - 4.687500x_{25} - 2.750000x_{32} + 0.250000x_4 + 12.812500x_5 - 1.187500x_{29} - 10.062500x_7 - 2.625000$
$x_{11}$	5.25	$-0.625000x_{21} - 0.062500x_{25} - 1.250000x_{32} + 2.750000x_4 - 1.562500x_5 - 1.562500x_{29} - 8.187500x_7 - 3.875000$
$x_{28}$	21.5	$-1.750000x_{21} - 0.041667x_{25} - 2.500000x_{32} + 4.166667x_4 - 3.041667x_5 - 3.708333x_{29} - 14.791667x_7 - 10.916667$
$x_6$	3.25	$+0.375000x_{21} - 0.562500x_{25} - 0.250000x_{32} - 0.250000x_4 + 0.937500x_5 - 0.062500x_{29} - 0.687500x_7 + 0.125000$
$x_{30}$	17.5	$-4.250000x_{21} + 2.375000x_{25} - 2.500000x_{32} + 12.500000x_4 - 10.625000x_5 - 4.625000x_{29} - 15.875000x_7 - 13.750000$
$x_{31}$	43.0	$+0.500000x_{21} - 2.750000x_{25} - 5.000000x_{32} + 10.000000x_4 + 4.250000x_5 - 4.750000x_{29} - 28.250000x_7 - 10.500000$
$x_3$	0.25	$-0.125000x_{21} + 0.187500x_{25} - 0.250000x_{32} + 0.750000x_4 - 0.312500x_5 - 0.312500x_{29} - 0.437500x_7 - 0.375000$
$x_{33}$	5.75	$-0.375000x_{21} - 0.437500x_{25} - 0.750000x_{32} + 2.250000x_4 - 2.937500x_5 - 0.937500x_{29} - 5.312500x_7 - 6.125000$
$z$	7.25	$-1.125000x_{21} - 0.145833x_{25} - 1.250000x_{32} + 2.083333x_4 - 4.645833x_5 - 1.979167x_{29} - 13.770833x_7 - 6.708333$

$x_4$  enters and  $x_2$  leaves

$x_{14}$	26.64	$+1.460000x_{21} - 2.590000x_{25} - 2.120000x_{32} + 1.480000x_2 + 2.250000x_5 - 1.470000x_{29} - 10.810000x_7 - 2.300000x_9$
$x_{15}$	9.12	$-0.820000x_{21} + 1.030000x_{25} - 0.960000x_{32} - 3.160000x_2 - 2.250000x_5 - 1.010000x_{29} - 3.230000x_7 - 3.900000x_9$
$x_{16}$	7.76	$-0.860000x_{21} + 1.690000x_{25} + 0.920000x_{32} + 2.320000x_2 - 5.750000x_5 + 0.770000x_{29} + 7.710000x_7 + 1.300000x_9$
$x_{17}$	14.28	$-0.580000x_{21} + 0.070000x_{25} - 0.240000x_{32} + 0.960000x_2 - 4.250000x_5 - 0.690000x_{29} - 2.870000x_7 + 0.900000x_9$
$x_{18}$	18.68	$+0.520000x_{21} - 1.080000x_{25} - 0.440000x_{32} - 3.240000x_2 + 4.000000x_5 + 0.360000x_{29} - 5.720000x_7 + 1.400000x_9$
$x_{19}$	29.84	$+1.260000x_{21} - 2.790000x_{25} - 2.720000x_{32} - 3.120000x_2 + 2.250000x_5 - 2.070000x_{29} - 18.610000x_7 - 2.300000x_9$
$x_{20}$	3.92	$-0.120000x_{21} + 0.480000x_{25} + 0.640000x_{32} + 0.440000x_2 - 2.000000x_5 + 0.840000x_{29} + 4.320000x_7 + 2.600000x_9$
$x_1$	1.28	$+0.420000x_{21} - 0.430000x_{25} - 0.240000x_{32} - 0.040000x_2 + 1.250000x_5 - 0.190000x_{29} - 1.370000x_7 - 0.100000x_9$
$x_{22}$	28.28	$+1.920000x_{21} - 3.180000x_{25} - 2.240000x_{32} - 4.040000x_2 + 10.500000x_5 - 0.940000x_{29} - 11.620000x_7 - 5.600000x_9$
$x_{23}$	30.96	$+2.440000x_{21} - 4.260000x_{25} - 3.680000x_{32} + 0.720000x_2 + 6.500000x_5 - 2.580000x_{29} - 21.340000x_7 - 8.200000x_9$
$x_{24}$	4.08	$+1.620000x_{21} - 0.730000x_{25} + 0.360000x_{32} - 3.440000x_2 + 8.750000x_5 + 1.910000x_{29} + 7.930000x_7 + 3.900000x_9$
$x_4$	0.36	$+0.540000x_{21} - 0.410000x_{25} + 0.120000x_{32} - 0.480000x_2 + 1.750000x_5 + 0.470000x_{29} + 1.810000x_7 + 1.300000x_9$
$x_{26}$	30.84	$+3.260000x_{21} - 4.790000x_{25} - 2.720000x_{32} - 0.120000x_2 + 13.250000x_5 - 1.070000x_{29} - 9.610000x_7 - 2.300000x_9$
$x_{11}$	6.24	$+0.860000x_{21} - 1.190000x_{25} - 0.920000x_{32} - 1.320000x_2 + 3.250000x_5 - 0.270000x_{29} - 3.210000x_7 - 0.300000x_9$
$x_{28}$	23.0	$+0.500000x_{21} - 1.750000x_{25} - 2.000000x_{32} - 2.000000x_2 + 4.250000x_5 - 1.750000x_{29} - 7.250000x_7 - 5.500000x_9$
$x_6$	3.16	$+0.240000x_{21} - 0.460000x_{25} - 0.280000x_{32} + 0.120000x_2 + 0.500000x_5 - 0.180000x_{29} - 1.140000x_7 - 0.200000x_9$
$x_{30}$	22.0	$+2.500000x_{21} - 2.750000x_{25} - 1.000000x_{32} - 6.000000x_2 + 11.250000x_5 + 1.250000x_{29} + 6.750000x_7 + 2.500000x_9$
$x_{31}$	46.6	$+5.900000x_{21} - 6.850000x_{25} - 3.800000x_{32} - 4.800000x_2 + 21.750000x_5 - 0.050000x_{29} - 10.150000x_7 + 2.500000x_9$
$x_3$	0.52	$+0.280000x_{21} - 0.120000x_{25} - 0.160000x_{32} - 0.360000x_2 + 1.000000x_5 + 0.040000x_{29} + 0.920000x_7 + 0.600000x_9$
$x_{33}$	6.56	$+0.840000x_{21} - 1.360000x_{25} - 0.480000x_{32} - 1.080000x_2 + 1.000000x_5 + 0.120000x_{29} - 1.240000x_7 - 3.200000x_9$
$z$	8.0	$-0.000000x_{21} - 1.000000x_{25} - 1.000000x_{32} - 1.000000x_2 - 1.000000x_5 - 1.000000x_{29} - 10.000000x_7 - 4.000000x_9$

$x_9$  enters and  $x_{16}$  leaves

$x_{14}$	29.357400722	$+1.158845x_{21} - 1.998195x_{25} - 1.797834x_{32} + 2.292419x_2 + 0.236462x_5 - 1.200361x_{29} - 8.110108x_7 - 8.608303x_9$
$x_{15}$	0.743682310469	$+0.108303x_{21} - 0.794224x_{25} - 1.953069x_{32} - 5.664260x_2 + 3.956679x_5 - 1.841155x_{29} - 11.552347x_7 - 11.552347x_9$
$x_9$	1.40072202166	$-0.155235x_{21} + 0.305054x_{25} + 0.166065x_{32} + 0.418773x_2 - 1.037906x_5 + 0.138989x_{29} + 1.391697x_7 + 1.391697x_9$
$x_{17}$	16.2129963899	$-0.794224x_{21} + 0.490975x_{25} - 0.010830x_{32} + 1.537906x_2 - 5.682310x_5 - 0.498195x_{29} - 0.949458x_7 + 0.949458x_9$
$x_{18}$	26.0758122744	$-0.299639x_{21} + 0.530686x_{25} + 0.436823x_{32} - 1.028881x_2 - 1.480144x_5 + 1.093863x_{29} + 1.628159x_7 + 1.628159x_9$
$x_{19}$	35.6389891697	$+0.617329x_{21} - 1.527076x_{25} - 2.032491x_{32} - 1.386282x_2 - 2.046931x_5 - 1.494585x_{29} - 12.848375x_7 - 12.848375x_9$
$x_{20}$	0.166064981949	$+0.296029x_{21} - 0.337545x_{25} + 0.194946x_{32} - 0.682310x_2 + 0.781588x_5 + 0.467509x_{29} + 0.590253x_7 + 0.590253x_9$
$x_1$	3.21299638989	$+0.205776x_{21} - 0.009025x_{25} - 0.010830x_{32} + 0.537906x_2 - 0.182310x_5 + 0.001805x_{29} + 0.550542x_7 + 0.550542x_9$
$x_{22}$	36.5162454874	$+1.007220x_{21} - 1.386282x_{25} - 1.263538x_{32} - 1.577617x_2 + 4.397112x_5 - 0.122744x_{29} - 3.436823x_7 - 3.436823x_9$
$x_{23}$	36.7870036101	$+1.794224x_{21} - 2.990975x_{25} - 2.989170x_{32} + 2.462094x_2 + 2.182310x_5 - 2.001805x_{29} - 15.550542x_7 - 15.550542x_9$
$x_{24}$	7.13357400722	$+1.281588x_{21} - 0.064982x_{25} + 0.722022x_{32} - 2.527076x_2 + 6.487365x_5 + 2.212996x_{29} + 10.963899x_7 + 10.963899x_9$
$x_4$	1.84476534296	$+0.375451x_{21} - 0.086643x_{25} + 0.296029x_{32} - 0.036101x_2 + 0.649819x_5 + 0.617329x_{29} + 3.285199x_7 + 3.285199x_9$
$x_{26}$	43.642599278	$+1.841155x_{21} - 2.001805x_{25} - 1.202166x_{32} + 3.707581x_2 + 3.763538x_5 + 0.200361x_{29} + 3.110108x_7 + 3.110108x_9$
$x_{11}$	8.39711191336	$+0.620939x_{21} - 0.720217x_{25} - 0.664260x_{32} - 0.675090x_2 + 1.651625x_5 - 0.055957x_{29} - 1.066787x_7 - 1.066787x_9$
$x_{28}$	22.2996389892	$+0.577617x_{21} - 1.902527x_{25} - 2.083032x_{32} - 2.209386x_2 + 4.768953x_5 - 1.819495x_{29} - 7.945848x_7 - 7.945848x_9$
$x_6$	3.6642599278	$+0.184116x_{21} - 0.350181x_{25} - 0.220217x_{32} + 0.270758x_2 + 0.126354x_5 - 0.129964x_{29} - 0.638989x_7 - 0.638989x_9$
$x_{30}$	21.2996389892	$+2.577617x_{21} - 2.902527x_{25} - 1.083032x_{32} - 6.209386x_2 + 11.768953x_5 + 1.180505x_{29} + 6.054152x_7 + 6.054152x_9$
$x_{31}$	60.7472924188	$+4.332130x_{21} - 3.768953x_{25} - 2.122744x_{32} - 0.570397x_2 + 11.267148x_5 + 1.353791x_{29} + 3.906137x_7 + 3.906137x_9$
$x_3$	0.407942238267	$+0.292419x_{21} - 0.144404x_{25} - 0.173285x_{32} - 0.393502x_2 + 1.083032x_5 + 0.028881x_{29} + 0.808664x_7 + 0.808664x_9$
$x_{33}$	9.02527075812	$+0.566787x_{21} - 0.823105x_{25} - 0.187726x_{32} - 0.342960x_2 - 0.826715x_5 + 0.364621x_{29} + 1.209386x_7 + 1.209386x_9$
$z$	9.40072202166	$-0.155235x_{21} - 0.694946x_{25} - 0.833935x_{32} - 0.581227x_2 - 2.037906x_5 - 0.861011x_{29} - 8.608303x_7 - 8.608303x_9$

$x_{12}$  enters and  $x_{20}$  leaves

$x_{14}$	29.0492359932	$+0.609508x_{21} - 1.371817x_{25} - 2.159593x_{32} + 3.558574x_2 - 1.213922x_5 - 2.067912x_{29} - 9.205433x_7$
$x_{15}$	0.835314091681	$+0.271647x_{21} - 0.980475x_{25} - 1.845501x_{32} - 6.040747x_2 + 4.387946x_5 - 1.583192x_{29} - 11.226655x_7$
$x_9$	1.49066213922	$+0.005093x_{21} + 0.122241x_{25} + 0.271647x_{32} + 0.049236x_2 - 0.614601x_5 + 0.392190x_{29} + 1.711375x_7$
$x_{17}$	16.6604414261	$+0.003396x_{21} - 0.418506x_{25} + 0.514431x_{32} - 0.300509x_2 - 3.576401x_5 + 0.761460x_{29} + 0.640917x_7$
$x_{18}$	26.2258064516	$-0.032258x_{21} + 0.225806x_{25} + 0.612903x_{32} - 1.645161x_2 - 0.774194x_5 + 1.516129x_{29} + 2.161290x_7$
$x_{19}$	35.7317487267	$+0.782683x_{21} - 1.715620x_{25} - 1.923599x_{32} - 1.767402x_2 - 1.610357x_5 - 1.233447x_{29} - 12.518676x_7$
$x_{12}$	0.0780984719864	$+0.139219x_{21} - 0.158744x_{25} + 0.091681x_{32} - 0.320883x_2 + 0.367572x_5 + 0.219864x_{29} + 0.277589x_7$
$x_1$	3.19185059423	$+0.168081x_{21} + 0.033956x_{25} - 0.035654x_{32} + 0.624788x_2 - 0.281834x_5 - 0.057725x_{29} + 0.475382x_7$
$x_{22}$	36.2359932088	$+0.507640x_{21} - 0.816638x_{25} - 1.592530x_{32} - 0.426146x_2 + 3.078098x_5 - 0.911715x_{29} - 4.432937x_7$
$x_{23}$	36.1052631579	$+0.578947x_{21} - 1.605263x_{25} - 3.789474x_{32} + 5.263158x_2 - 1.026316x_5 - 3.921053x_{29} - 17.973684x_7$
$x_{24}$	6.66893039049	$+0.453311x_{21} + 0.879457x_{25} + 0.176570x_{32} - 0.617997x_2 + 4.300509x_5 + 0.904924x_{29} + 9.312394x_7$
$x_4$	1.71986417657	$+0.152801x_{21} + 0.167233x_{25} + 0.149406x_{32} + 0.477080x_2 + 0.061969x_5 + 0.265705x_{29} + 2.841256x_7$
$x_{26}$	42.779286927	$+0.302207x_{21} - 0.247029x_{25} - 2.215620x_{32} + 7.254669x_2 - 0.299660x_5 - 2.230051x_{29} + 0.041596x_7$
$x_{11}$	8.1935483871	$+0.258065x_{21} - 0.306452x_{25} - 0.903226x_{32} + 0.161290x_2 + 0.693548x_5 - 0.629032x_{29} - 1.790323x_7$
$x_{28}$	21.8251273345	$-0.268251x_{21} - 0.938031x_{25} - 2.640068x_{32} - 0.259762x_2 + 2.535654x_5 - 3.155348x_{29} - 9.632428x_7$
$x_6$	3.5466893039	$-0.025467x_{21} - 0.111205x_{25} - 0.358234x_{32} + 0.753820x_2 - 0.426995x_5 - 0.460951x_{29} - 1.056876x_7$
$x_{30}$	20.0441426146	$+0.339559x_{21} - 0.350594x_{25} - 2.556876x_{32} - 1.050934x_2 + 5.859932x_5 - 2.353990x_{29} + 1.591681x_7$
$x_{31}$	59.3361629881	$+1.816638x_{21} - 0.900679x_{25} - 3.779287x_{32} + 5.227504x_2 + 4.625637x_5 - 2.618846x_{29} - 1.109508x_7$
$x_3$	0.303904923599	$+0.106961x_{21} + 0.067063x_{25} - 0.295416x_{32} + 0.033956x_2 + 0.593379x_5 - 0.264007x_{29} + 0.438879x_7$
$x_{33}$	8.58064516129	$-0.225806x_{21} + 0.080645x_{25} - 0.709677x_{32} + 1.483871x_2 - 2.919355x_5 - 0.887097x_{29} - 0.370968x_7$
$z$	9.49066213922	$+0.005093x_{21} - 0.877759x_{25} - 0.728353x_{32} - 0.950764x_2 - 1.614601x_5 - 0.607810x_{29} - 8.288625x_7$

$x_{16}$  enters and  $x_3$  leaves

$x_{14}$	27.7352941176	$+0.147059x_{21} - 1.661765x_{25} - 0.882353x_{32} + 3.411765x_2 - 3.779412x_5 - 0.926471x_{29} - 11.102941x_7 - 2.252941x_{16}$
$x_{15}$	2.25294117647	$+0.770588x_{21} - 0.667647x_{25} - 3.223529x_{32} - 5.882353x_2 + 7.155882x_5 - 2.814706x_{29} - 9.179412x_7 - 7.770588x_{16}$
$x_9$	1.57647058824	$+0.035294x_{21} + 0.141176x_{25} + 0.188235x_{32} + 0.058824x_2 - 0.447059x_5 + 0.317647x_{29} + 1.835294x_7 + 1.576470x_{16}$
$x_{17}$	17.7705882353	$+0.394118x_{21} - 0.173529x_{25} - 0.564706x_{32} - 0.176471x_2 - 1.408824x_5 - 0.202941x_{29} + 2.244118x_7 + 4.387946x_{16}$
$x_{18}$	25.6823529412	$-0.223529x_{21} + 0.105882x_{25} + 1.141176x_{32} - 1.705882x_2 - 1.835294x_5 + 1.988235x_{29} + 1.376471x_7 + 5.263158x_{16}$
$x_{19}$	35.2294117647	$+0.605882x_{21} - 1.826471x_{25} - 1.435294x_{32} - 1.823529x_2 - 2.591176x_5 - 0.797059x_{29} - 13.244118x_7 + 0.041596x_{16}$
$x_{12}$	0.317647058824	$+0.223529x_{21} - 0.105882x_{25} - 0.141176x_{32} - 0.294118x_2 + 0.835294x_5 + 0.011765x_{29} + 0.623529x_7 + 0.061969x_{16}$
$x_1$	2.86470588235	$+0.052941x_{21} - 0.038235x_{25} + 0.282353x_{32} + 0.588235x_2 - 0.920588x_5 + 0.226471x_{29} + 0.002941x_7 + 0.265705x_{16}$
$x_{22}$	34.2588235294	$-0.188235x_{21} - 1.252941x_{25} + 0.329412x_{32} - 0.647059x_2 - 0.782353x_5 + 0.805882x_{29} - 7.288235x_7 - 3.921053x_{16}$
$x_{23}$	33.2235294118	$-0.435294x_{21} - 2.241176x_{25} - 0.988235x_{32} + 4.941176x_2 - 6.652941x_5 - 1.417647x_{29} - 22.135294x_7 - 9.205433x_{16}$
$x_{24}$	4.82941176471	$-0.194118x_{21} + 0.473529x_{25} + 1.964706x_{32} - 0.823529x_2 + 0.708824x_5 + 2.502941x_{29} + 6.655882x_7 + 2.841256x_{16}$
$x_4$	1.13529411765	$-0.052941x_{21} + 0.038235x_{25} + 0.717647x_{32} + 0.411765x_2 - 1.079412x_5 + 0.773529x_{29} + 1.997059x_7 + 1.719864x_{16}$
$x_{26}$	38.3941176471	$-1.241176x_{21} - 1.214706x_{25} + 2.047059x_{32} + 6.764706x_2 - 8.861765x_5 + 1.579412x_{29} - 6.291176x_7 - 0.299660x_{16}$
$x_{11}$	7.27647058824	$-0.064706x_{21} - 0.508824x_{25} - 0.011765x_{32} + 0.058824x_2 - 1.097059x_5 + 0.167647x_{29} - 3.114706x_7 - 0.629032x_{16}$
$x_{28}$	20.4647058824	$-0.747059x_{21} - 1.238235x_{25} - 1.317647x_{32} - 0.411765x_2 - 0.120588x_5 - 1.973529x_{29} - 11.597059x_7 - 8.288625x_{16}$
$x_6$	3.11764705882	$-0.176471x_{21} - 0.205882x_{25} + 0.058824x_{32} + 0.705882x_2 - 1.264706x_5 - 0.088235x_{29} - 1.676471x_7 - 0.460951x_{16}$
$x_{30}$	16.2882352941	$-0.982353x_{21} - 1.179412x_{25} + 1.094118x_{32} - 1.470588x_2 - 1.473529x_5 + 0.908824x_{29} - 3.832353x_7 - 4.432937x_{16}$
$x_{31}$	53.0882352941	$-0.382353x_{21} - 2.279412x_{25} + 2.294118x_{32} + 4.529412x_2 - 7.573529x_5 + 2.808824x_{29} - 10.132353x_7 + 1.591681x_{16}$
$x_{16}$	1.05294117647	$+0.370588x_{21} + 0.232353x_{25} - 1.023529x_{32} + 0.117647x_2 + 2.055882x_5 - 0.914706x_{29} + 1.520588x_7 - 2.252941x_{16}$
$x_{33}$	6.88235294118	$-0.823529x_{21} - 0.294118x_{25} + 0.941176x_{32} + 1.294118x_2 - 6.235294x_5 + 0.588235x_{29} - 2.823529x_7 - 4.432937x_{16}$
$z$	9.57647058824	$+0.035294x_{21} - 0.858824x_{25} - 0.811765x_{32} - 0.941176x_2 - 1.447059x_5 - 0.682353x_{29} - 8.164706x_7 - 2.252941x_{16}$

$x_{21}$  enters and  $x_{33}$  leaves

$x_{14}$	28.9642857143	$-0.178571x_{33} - 1.714286x_{25} - 0.714286x_{32} + 3.642857x_2 - 4.892857x_5 - 0.821429x_{29} - 11.607143x_7 -$
$x_{15}$	8.69285714286	$-0.935714x_{33} - 0.942857x_{25} - 2.342857x_{32} - 4.671429x_2 + 1.321429x_5 - 2.264286x_{29} - 11.821429x_7 -$
$x_9$	1.87142857143	$-0.042857x_{33} + 0.128571x_{25} + 0.228571x_{32} + 0.114286x_2 - 0.714286x_5 + 0.342857x_{29} + 1.714286x_7 +$
$x_{17}$	21.0642857143	$-0.478571x_{33} - 0.314286x_{25} - 0.114286x_{32} + 0.442857x_2 - 4.392857x_5 + 0.078571x_{29} + 0.892857x_7 +$
$x_{18}$	23.8142857143	$+0.271429x_{33} + 0.185714x_{25} + 0.885714x_{32} - 2.057143x_2 - 0.142857x_5 + 1.828571x_{29} + 2.142857x_7 +$
$x_{19}$	40.2928571429	$-0.735714x_{33} - 2.042857x_{25} - 0.742857x_{32} - 0.871429x_2 - 7.178571x_5 - 0.364286x_{29} - 15.321429x_7 -$
$x_{12}$	2.18571428571	$-0.271429x_{33} - 0.185714x_{25} + 0.114286x_{32} + 0.057143x_2 - 0.857143x_5 + 0.171429x_{29} - 0.142857x_7 -$
$x_1$	3.30714285714	$-0.064286x_{33} - 0.057143x_{25} + 0.342857x_{32} + 0.671429x_2 - 1.321429x_5 + 0.264286x_{29} - 0.178571x_7 +$
$x_{22}$	32.6857142857	$+0.228571x_{33} - 1.185714x_{25} + 0.114286x_{32} - 0.942857x_2 + 0.642857x_5 + 0.671429x_{29} - 6.642857x_7 -$
$x_{23}$	29.5857142857	$+0.528571x_{33} - 2.085714x_{25} - 1.485714x_{32} + 4.257143x_2 - 3.357143x_5 - 1.728571x_{29} - 20.642857x_7 -$
$x_{24}$	3.20714285714	$+0.235714x_{33} + 0.542857x_{25} + 1.742857x_{32} - 1.128571x_2 + 2.178571x_5 + 2.364286x_{29} + 7.321429x_7 +$
$x_4$	0.692857142857	$+0.064286x_{33} + 0.057143x_{25} + 0.657143x_{32} + 0.328571x_2 - 0.678571x_5 + 0.735714x_{29} + 2.178571x_7 +$
$x_{26}$	28.0214285714	$+1.507143x_{33} - 0.771429x_{25} + 0.628571x_{32} + 4.814286x_2 + 0.535714x_5 + 0.692857x_{29} - 2.035714x_7 +$
$x_{11}$	6.73571428571	$+0.078571x_{33} - 0.485714x_{25} - 0.085714x_{32} - 0.042857x_2 - 0.607143x_5 + 0.121429x_{29} - 2.892857x_7 -$
$x_{28}$	14.2214285714	$+0.907143x_{33} - 0.971429x_{25} - 2.171429x_{32} - 1.585714x_2 + 5.535714x_5 - 2.507143x_{29} - 9.035714x_7 -$
$x_6$	1.64285714286	$+0.214286x_{33} - 0.142857x_{25} - 0.142857x_{32} + 0.428571x_2 + 0.071429x_5 - 0.214286x_{29} - 1.071429x_7 +$
$x_{30}$	8.07857142857	$+1.192857x_{33} - 0.828571x_{25} - 0.028571x_{32} - 3.014286x_2 + 5.964286x_5 + 0.207143x_{29} - 0.464286x_7 +$
$x_{31}$	49.8928571429	$+0.464286x_{33} - 2.142857x_{25} + 1.857143x_{32} + 3.928571x_2 - 4.678571x_5 + 2.535714x_{29} - 8.821429x_7 +$
$x_{16}$	4.15	$-0.450000x_{33} + 0.100000x_{25} - 0.600000x_{32} + 0.700000x_2 - 0.750000x_5 - 0.650000x_{29} + 0.250000x_7 -$
$x_{21}$	8.35714285714	$-1.214286x_{33} - 0.357143x_{25} + 1.142857x_{32} + 1.571429x_2 - 7.571429x_5 + 0.714286x_{29} - 3.428571x_7 -$
$z$	9.87142857143	$-0.042857x_{33} - 0.871429x_{25} - 0.771429x_{32} - 0.885714x_2 - 1.714286x_5 - 0.657143x_{29} - 8.285714x_7 -$

$x_{27}$  enters and  $x_4$  leaves

$x_{14}$	29.4022988506	$-0.137931x_{33} - 1.678161x_{25} - 0.298851x_{32} + 3.850575x_2 - 5.321839x_5 - 0.356322x_{29} - 10.229885x_7 - 2.$
$x_{15}$	12.4597701149	$-0.586207x_{33} - 0.632184x_{25} + 1.229885x_{32} - 2.885057x_2 - 2.367816x_5 + 1.735632x_{29} + 0.022989x_7 - 2.$
$x_9$	1.2183908046	$-0.103448x_{33} + 0.074713x_{25} - 0.390805x_{32} - 0.195402x_2 - 0.074713x_5 - 0.350575x_{29} - 0.339080x_7 - 0.$
$x_{17}$	20.275862069	$-0.551724x_{33} - 0.379310x_{25} - 0.862069x_{32} + 0.068966x_2 - 3.620690x_5 - 0.758621x_{29} - 1.586207x_7 + 0.$
$x_{18}$	21.632183908	$+0.068966x_{33} + 0.005747x_{25} - 1.183908x_{32} - 3.091954x_2 + 1.994253x_5 - 0.488506x_{29} - 4.718391x_7 + 1.$
$x_{19}$	41.1609195402	$-0.655172x_{33} - 1.971264x_{25} + 0.080460x_{32} - 0.459770x_2 - 8.028736x_5 + 0.557471x_{29} - 12.591954x_7 - 0.$
$x_{12}$	2.13793103448	$-0.275862x_{33} - 0.189655x_{25} + 0.068966x_{32} + 0.034483x_2 - 0.810345x_5 + 0.120690x_{29} - 0.293103x_7 - 0.$
$x_1$	2.88505747126	$-0.103448x_{33} - 0.091954x_{25} - 0.057471x_{32} + 0.471264x_2 - 0.908046x_5 - 0.183908x_{29} - 1.505747x_7 - 0.$
$x_{22}$	32.0804597701	$+0.172414x_{33} - 1.235632x_{25} - 0.459770x_{32} - 1.229885x_2 + 1.235632x_5 + 0.028736x_{29} - 8.545977x_7 - 3.$
$x_{23}$	31.3218390805	$+0.689655x_{33} - 1.942529x_{25} + 0.160920x_{32} + 5.080460x_2 - 5.057471x_5 + 0.114943x_{29} - 15.183908x_7 - 2.$
$x_{24}$	1.7816091954	$+0.103448x_{33} + 0.425287x_{25} + 0.390805x_{32} - 1.804598x_2 + 3.574713x_5 + 0.850575x_{29} + 2.839080x_7 + 0.$
$x_{27}$	1.11494252874	$+0.103448x_{33} + 0.091954x_{25} + 1.057471x_{32} + 0.528736x_2 - 1.091954x_5 + 1.183908x_{29} + 3.505747x_7 + 2.$
$x_{26}$	25.5287356322	$+1.275862x_{33} - 0.977011x_{25} - 1.735632x_{32} + 3.632184x_2 + 2.977011x_5 - 1.954023x_{29} - 9.873563x_7 - 0.$
$x_{11}$	6.63218390805	$+0.068966x_{33} - 0.494253x_{25} - 0.183908x_{32} - 0.091954x_2 - 0.505747x_5 + 0.011494x_{29} - 3.218391x_7 - 0.$
$x_{28}$	15.9655172414	$+1.068966x_{33} - 0.827586x_{25} - 0.517241x_{32} - 0.758621x_2 + 3.827586x_5 - 0.655172x_{29} - 3.551724x_7 - 0.$
$x_6$	1.5632183908	$+0.206897x_{33} - 0.149425x_{25} - 0.218391x_{32} + 0.390805x_2 + 0.149425x_5 - 0.298851x_{29} - 1.321839x_7 + 0.$
$x_{30}$	8.22988505747	$+1.206897x_{33} - 0.816092x_{25} + 0.114943x_{32} - 2.942529x_2 + 5.816092x_5 + 0.367816x_{29} + 0.011494x_7 + 1.$
$x_{31}$	46.7471264368	$+0.172414x_{33} - 2.402299x_{25} - 1.126437x_{32} + 2.436782x_2 - 1.597701x_5 - 0.804598x_{29} - 18.712644x_7 - 3.$
$x_{16}$	5.65517241379	$-0.310345x_{33} + 0.224138x_{25} + 0.827586x_{32} + 1.413793x_2 - 2.224138x_5 + 0.948276x_{29} + 4.982759x_7 - 0.$
$x_{21}$	8.4367816092	$-1.206897x_{33} - 0.350575x_{25} + 1.218391x_{32} + 1.609195x_2 - 7.649425x_5 + 0.798851x_{29} - 3.178161x_7 - 5.$
$z$	10.3333333333	$+0.000000x_{33} - 0.833333x_{25} - 0.333333x_{32} - 0.666667x_2 - 2.166667x_5 - 0.166667x_{29} - 6.833333x_7 - 2.$

$x_3$  enters and  $x_9$  leaves

$x_{14}$	34.4696969697	$-0.568182x_{33} - 1.367424x_{25} - 1.924242x_{32} + 3.037879x_2 - 5.632576x_5 - 1.814394x_{29} - 11.640152x_7 - 4.$
$x_{15}$	19.7424242424	$-1.204545x_{33} - 0.185606x_{25} - 1.106061x_{32} - 4.053030x_2 - 2.814394x_5 - 0.359848x_{29} - 2.003788x_7 - 6.$
$x_3$	0.80303030303	$-0.068182x_{33} + 0.049242x_{25} - 0.257576x_{32} - 0.128788x_2 - 0.049242x_5 - 0.231061x_{29} - 0.223485x_7 - 0.$
$x_{17}$	18.0606060606	$-0.363636x_{33} - 0.515152x_{25} - 0.151515x_{32} + 0.424242x_2 - 3.484848x_5 - 0.121212x_{29} - 0.969697x_7 + 1.$
$x_{18}$	17.8939393939	$+0.386364x_{33} - 0.223485x_{25} + 0.015152x_{32} - 2.492424x_2 + 2.223485x_5 + 0.587121x_{29} - 3.678030x_7 + 3.$
$x_{19}$	47.3636363636	$-1.181818x_{33} - 1.590909x_{25} - 1.909091x_{32} - 1.454545x_2 - 8.409091x_5 - 1.227273x_{29} - 14.318182x_7 - 3.$
$x_{12}$	2.63636363636	$-0.318182x_{33} - 0.159091x_{25} - 0.090909x_{32} - 0.045455x_2 - 0.840909x_5 - 0.022727x_{29} - 0.431818x_7 - 1.$
$x_1$	3.27272727273	$-0.136364x_{33} - 0.068182x_{25} - 0.181818x_{32} + 0.409091x_2 - 0.931818x_5 - 0.295455x_{29} - 1.613636x_7 - 0.$
$x_{22}$	35.1818181818	$-0.090909x_{33} - 1.045455x_{25} - 1.454545x_{32} - 1.727273x_2 + 1.045455x_5 - 0.863636x_{29} - 9.409091x_7 - 5.$
$x_{23}$	39.7121212121	$-0.022727x_{33} - 1.428030x_{25} - 2.530303x_{32} + 3.734848x_2 - 5.571970x_5 - 2.299242x_{29} - 17.518939x_7 - 6.$
$x_{24}$	3.0	$+0.000000x_{33} + 0.500000x_{25} + 0.000000x_{32} - 2.000000x_2 + 3.500000x_5 + 0.500000x_{29} + 2.500000x_7 + 0.$
$x_{27}$	3.13636363636	$-0.068182x_{33} + 0.215909x_{25} + 0.409091x_{32} + 0.204545x_2 - 1.215909x_5 + 0.602273x_{29} + 2.943182x_7 + 1.$
$x_{26}$	25.8333333333	$+1.250000x_{33} - 0.958333x_{25} - 1.833333x_{32} + 3.583333x_2 + 2.958333x_5 - 2.041667x_{29} - 9.958333x_7 - 0.$
$x_{11}$	8.51515151515	$-0.090909x_{33} - 0.378788x_{25} - 0.787879x_{32} - 0.393939x_2 - 0.621212x_5 - 0.530303x_{29} - 3.742424x_7 - 1.$
$x_{28}$	18.6515151515	$+0.840909x_{33} - 0.662879x_{25} - 1.378788x_{32} - 1.189394x_2 + 3.662879x_5 - 1.428030x_{29} - 4.299242x_7 - 1.$
$x_6$	1.59090909091	$+0.204545x_{33} - 0.147727x_{25} - 0.227273x_{32} + 0.386364x_2 + 0.147727x_5 - 0.306818x_{29} - 1.329545x_7 + 0.$
$x_{30}$	13.0757575758	$+0.795455x_{33} - 0.518939x_{25} - 1.439394x_{32} - 3.719697x_2 + 5.518939x_5 - 1.026515x_{29} - 1.337121x_7 - 1.$
$x_{31}$	55.4696969697	$-0.568182x_{33} - 1.867424x_{25} - 3.924242x_{32} + 1.037879x_2 - 2.132576x_5 - 3.314394x_{29} - 21.140152x_7 - 7.$
$x_{16}$	7.62121212121	$-0.477273x_{33} + 0.344697x_{25} + 0.196970x_{32} + 1.098485x_2 - 2.344697x_5 + 0.382576x_{29} + 4.435606x_7 - 1.$
$x_{21}$	14.0303030303	$-1.681818x_{33} - 0.007576x_{25} - 0.575758x_{32} + 0.712121x_2 - 7.992424x_5 - 0.810606x_{29} - 4.734848x_7 - 7.$
$z$	11.1363636364	$-0.068182x_{33} - 0.784091x_{25} - 0.590909x_{32} - 0.795455x_2 - 2.215909x_5 - 0.397727x_{29} - 7.056818x_7 - 2.$

$x_{-1}$  enters and Final Dictionary Solution: 11.1363636364 Num Pivots: 13