

$x_9$	6.0	$+2.000000x_1 + 3.000000x_2 - 1.000000x_3 + 1.000000x_4 - 3.000000x_5 + 3.000000x_6 - 1.000000x_7 + 3.000000x_8$
$x_{10}$	2.0	$+3.000000x_1 + 1.000000x_2 + 2.000000x_4 - 3.000000x_5 - 2.000000x_6 - 3.000000x_7$
$x_{11}$	15.0	$+2.000000x_1 - 2.000000x_2 - 3.000000x_3 - 3.000000x_4 - 3.000000x_5 - 1.000000x_6 + 1.000000x_7 + 2.000000x_8$
$x_{12}$	2.0	$-2.000000x_1 - 3.000000x_2 - 3.000000x_3 - 3.000000x_4 + 2.000000x_5 + 1.000000x_6 - 1.000000x_7 + 2.000000x_8$
$x_{13}$	6.0	$-3.000000x_1 + 3.000000x_2 - 2.000000x_3 + 3.000000x_4 - 2.000000x_6 + 2.000000x_7 + 3.000000x_8$
$x_{14}$	7.0	$-1.000000x_1 - 1.000000x_2 - 1.000000x_3 + 2.000000x_4 - 3.000000x_5 + 3.000000x_6 + 2.000000x_7 + 1.000000x_8$
$x_{15}$	3.0	$+3.000000x_1 + 2.000000x_2 + 2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 3.000000x_6 + 1.000000x_7 + 3.000000x_8$
$x_{16}$	7.0	$-1.000000x_2 + 1.000000x_3 - 1.000000x_5 + 1.000000x_6 + 1.000000x_7 + 2.000000x_8$
$x_{17}$	2.0	$-3.000000x_2 + 3.000000x_4 + 3.000000x_5 - 1.000000x_6 - 3.000000x_7 + 2.000000x_8$
$x_{18}$	8.0	$-3.000000x_1 + 1.000000x_2 - 1.000000x_3 - 2.000000x_4 + 1.000000x_6 - 2.000000x_7 + 1.000000x_8$
$x_{19}$	7.0	$-1.000000x_1 + 2.000000x_2 + 2.000000x_3 + 2.000000x_4 - 1.000000x_5 - 2.000000x_7 - 2.000000x_8$
$x_{20}$	3.0	$+3.000000x_1 + 1.000000x_2 + 3.000000x_3 + 1.000000x_4 + 3.000000x_5 - 1.000000x_6 + 1.000000x_8$
$x_{21}$	7.0	$+3.000000x_1 + 1.000000x_2 + 2.000000x_3 + 3.000000x_4 - 3.000000x_5 + 2.000000x_6 - 2.000000x_7 - 3.000000x_8$
$x_{22}$	5.0	$+3.000000x_1 + 2.000000x_2 + 1.000000x_3 - 1.000000x_4 + 1.000000x_5 - 3.000000x_7 - 3.000000x_8$
$x_{23}$	10.0	$-3.000000x_1 + 1.000000x_2 + 1.000000x_3 - 2.000000x_4 + 3.000000x_5 + 1.000000x_6 - 1.000000x_7$
$z$	0.0	$+1.000000x_1 + 1.000000x_2 + 2.000000x_3 - 1.000000x_4 + 1.000000x_5 + 2.000000x_7$

No initialization required - Proceed to Optimize.

$x_9$	6.0	$+2.000000x_1 + 3.000000x_2 - 1.000000x_3 + 1.000000x_4 - 3.000000x_5 + 3.000000x_6 - 1.000000x_7 + 3.000000x_8$
$x_{10}$	2.0	$+3.000000x_1 + 1.000000x_2 + 2.000000x_4 - 3.000000x_5 - 2.000000x_6 - 3.000000x_7$
$x_{11}$	15.0	$+2.000000x_1 - 2.000000x_2 - 3.000000x_3 - 3.000000x_4 - 3.000000x_5 - 1.000000x_6 + 1.000000x_7 + 2.000000x_8$
$x_{12}$	2.0	$-2.000000x_1 - 3.000000x_2 - 3.000000x_3 - 3.000000x_4 + 2.000000x_5 + 1.000000x_6 - 1.000000x_7 + 2.000000x_8$
$x_{13}$	6.0	$-3.000000x_1 + 3.000000x_2 - 2.000000x_3 + 3.000000x_4 - 2.000000x_6 + 2.000000x_7 + 3.000000x_8$
$x_{14}$	7.0	$-1.000000x_1 - 1.000000x_2 - 1.000000x_3 + 2.000000x_4 - 3.000000x_5 + 3.000000x_6 + 2.000000x_7 + 1.000000x_8$
$x_{15}$	3.0	$+3.000000x_1 + 2.000000x_2 + 2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 3.000000x_6 + 1.000000x_7 + 3.000000x_8$
$x_{16}$	7.0	$-1.000000x_2 + 1.000000x_3 - 1.000000x_5 + 1.000000x_6 + 1.000000x_7 + 2.000000x_8$
$x_{17}$	2.0	$-3.000000x_2 + 3.000000x_4 + 3.000000x_5 - 1.000000x_6 - 3.000000x_7 + 2.000000x_8$
$x_{18}$	8.0	$-3.000000x_1 + 1.000000x_2 - 1.000000x_3 - 2.000000x_4 + 1.000000x_6 - 2.000000x_7 + 1.000000x_8$
$x_{19}$	7.0	$-1.000000x_1 + 2.000000x_2 + 2.000000x_3 + 2.000000x_4 - 1.000000x_5 - 2.000000x_7 - 2.000000x_8$
$x_{20}$	3.0	$+3.000000x_1 + 1.000000x_2 + 3.000000x_3 + 1.000000x_4 + 3.000000x_5 - 1.000000x_6 + 1.000000x_8$
$x_{21}$	7.0	$+3.000000x_1 + 1.000000x_2 + 2.000000x_3 + 3.000000x_4 - 3.000000x_5 + 2.000000x_6 - 2.000000x_7 - 3.000000x_8$
$x_{22}$	5.0	$+3.000000x_1 + 2.000000x_2 + 1.000000x_3 - 1.000000x_4 + 1.000000x_5 - 3.000000x_7 - 3.000000x_8$
$x_{23}$	10.0	$-3.000000x_1 + 1.000000x_2 + 1.000000x_3 - 2.000000x_4 + 3.000000x_5 + 1.000000x_6 - 1.000000x_7$
$z$	0.0	$+1.000000x_1 + 1.000000x_2 + 2.000000x_3 - 1.000000x_4 + 1.000000x_5 + 2.000000x_7$

$x_1$  enters and  $x_{12}$  leaves

$x_9$	8.0	$-1.000000x_{12}$	$-4.000000x_3$	$-2.000000x_4$	$-1.000000x_5$	$+4.000000x_6$	$-2.000000x_7$	$+5.000000x_8$
$x_{10}$	5.0	$-1.500000x_{12}$	$-3.500000x_2$	$-4.500000x_3$	$-2.500000x_4$	$-0.500000x_6$	$-4.500000x_7$	$+3.000000x_8$
$x_{11}$	17.0	$-1.000000x_{12}$	$-5.000000x_2$	$-6.000000x_3$	$-6.000000x_4$	$-1.000000x_5$		$+4.000000x_8$
$x_1$	1.0	$-0.500000x_{12}$	$-1.500000x_2$	$-1.500000x_3$	$-1.500000x_4$	$+1.000000x_5$	$+0.500000x_6$	$-0.500000x_7$
$x_{13}$	3.0	$+1.500000x_{12}$	$+7.500000x_2$	$+2.500000x_3$	$+7.500000x_4$	$-3.000000x_5$	$-3.500000x_6$	$+3.500000x_7$
$x_{14}$	6.0	$+0.500000x_{12}$	$+0.500000x_2$	$+0.500000x_3$	$+3.500000x_4$	$-4.000000x_5$	$+2.500000x_6$	$+2.500000x_7$
$x_{15}$	6.0	$-1.500000x_{12}$	$-2.500000x_2$	$-2.500000x_3$	$-3.500000x_4$	$+1.000000x_5$	$+4.500000x_6$	$-0.500000x_7$
$x_{16}$	7.0		$-1.000000x_2$	$+1.000000x_3$		$-1.000000x_5$	$+1.000000x_6$	$+1.000000x_7$
$x_{17}$	2.0		$-3.000000x_2$		$+3.000000x_4$	$+3.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
$x_{18}$	5.0	$+1.500000x_{12}$	$+5.500000x_2$	$+3.500000x_3$	$+2.500000x_4$	$-3.000000x_5$	$-0.500000x_6$	$-0.500000x_7$
$x_{19}$	6.0	$+0.500000x_{12}$	$+3.500000x_2$	$+3.500000x_3$	$+3.500000x_4$	$-2.000000x_5$	$-0.500000x_6$	$-1.500000x_7$
$x_{20}$	6.0	$-1.500000x_{12}$	$-3.500000x_2$	$-1.500000x_3$	$-3.500000x_4$	$+6.000000x_5$	$+0.500000x_6$	$-1.500000x_7$
$x_{21}$	10.0	$-1.500000x_{12}$	$-3.500000x_2$	$-2.500000x_3$	$-1.500000x_4$		$+3.500000x_6$	$-3.500000x_7$
$x_{22}$	8.0	$-1.500000x_{12}$	$-2.500000x_2$	$-3.500000x_3$	$-5.500000x_4$	$+4.000000x_5$	$+1.500000x_6$	$-4.500000x_7$
$x_{23}$	7.0	$+1.500000x_{12}$	$+5.500000x_2$	$+5.500000x_3$	$+2.500000x_4$		$-0.500000x_6$	$+0.500000x_7$
$z$	1.0	$-0.500000x_{12}$	$-0.500000x_2$	$+0.500000x_3$	$-2.500000x_4$	$+2.000000x_5$	$+0.500000x_6$	$+1.500000x_7$

$x_3$  enters and  $x_1$  leaves

$x_9$	5.3333333333	$+0.333333x_{12}$	$+4.000000x_2$	$+2.666667x_1$	$+2.000000x_4$	$-3.666667x_5$	$+2.666667x_6$	$-0.666667x_7$	$+2.333333x_8$
$x_{10}$	2.0		$+1.000000x_2$	$+3.000000x_1$	$+2.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$-3.000000x_7$	
$x_{11}$	13.0	$+1.000000x_{12}$	$+1.000000x_2$	$+4.000000x_1$		$-5.000000x_5$	$-2.000000x_6$	$+2.000000x_7$	
$x_3$	0.6666666667	$-0.333333x_{12}$	$-1.000000x_2$	$-0.666667x_1$	$-1.000000x_4$	$+0.666667x_5$	$+0.333333x_6$	$-0.333333x_7$	$+0.666667x_8$
$x_{13}$	4.6666666667	$+0.666667x_{12}$	$+5.000000x_2$	$-1.666667x_1$	$+5.000000x_4$	$-1.333333x_5$	$-2.666667x_6$	$+2.666667x_7$	$+1.666667x_8$
$x_{14}$	6.3333333333	$+0.333333x_{12}$		$-0.333333x_1$	$+3.000000x_4$	$-3.666667x_5$	$+2.666667x_6$	$+2.333333x_7$	$+0.333333x_8$
$x_{15}$	4.3333333333	$-0.666667x_{12}$		$+1.666667x_1$	$-1.000000x_4$	$-0.666667x_5$	$+3.666667x_6$	$+0.333333x_7$	$+4.333333x_8$
$x_{16}$	7.6666666667	$-0.333333x_{12}$	$-2.000000x_2$	$-0.666667x_1$	$-1.000000x_4$	$-0.333333x_5$	$+1.333333x_6$	$+0.666667x_7$	$+2.666667x_8$
$x_{17}$	2.0		$-3.000000x_2$		$+3.000000x_4$	$+3.000000x_5$	$-1.000000x_6$	$-3.000000x_7$	$+2.000000x_8$
$x_{18}$	7.3333333333	$+0.333333x_{12}$	$+2.000000x_2$	$-2.333333x_1$	$-1.000000x_4$	$-0.666667x_5$	$+0.666667x_6$	$-1.666667x_7$	$+0.333333x_8$
$x_{19}$	8.3333333333	$-0.666667x_{12}$		$-2.333333x_1$		$+0.333333x_5$	$+0.666667x_6$	$-2.666667x_7$	$-0.666667x_8$
$x_{20}$	5.0	$-1.000000x_{12}$	$-2.000000x_2$	$+1.000000x_1$	$-2.000000x_4$	$+5.000000x_5$		$-1.000000x_7$	$+3.000000x_8$
$x_{21}$	8.3333333333	$-0.666667x_{12}$	$-1.000000x_2$	$+1.666667x_1$	$+1.000000x_4$	$-1.666667x_5$	$+2.666667x_6$	$-2.666667x_7$	$-1.666667x_8$
$x_{22}$	5.6666666667	$-0.333333x_{12}$	$+1.000000x_2$	$+2.333333x_1$	$-2.000000x_4$	$+1.666667x_5$	$+0.333333x_6$	$-3.333333x_7$	$-2.333333x_8$
$x_{23}$	10.6666666667	$-0.333333x_{12}$		$-3.666667x_1$	$-3.000000x_4$	$+3.666667x_5$	$+1.333333x_6$	$-1.333333x_7$	$+0.666667x_8$
$z$	1.3333333333	$-0.666667x_{12}$	$-1.000000x_2$	$-0.333333x_1$	$-3.000000x_4$	$+2.333333x_5$	$+0.666667x_6$	$+1.333333x_7$	$+1.333333x_8$

$x_5$  enters and  $x_{10}$  leaves

$x_9$	2.8888888889	$+0.333333x_{12} + 2.777778x_2 - 1.000000x_1 - 0.444444x_4 + 1.222222x_{10} + 5.111111x_6 + 3.000000x_7 + 2.333333x_8$
$x_5$	0.6666666667	$+0.333333x_2 + 1.000000x_1 + 0.666667x_4 - 0.333333x_{10} - 0.666667x_6 - 1.000000x_7$
$x_{11}$	9.6666666667	$+1.000000x_{12} - 0.666667x_2 - 1.000000x_1 - 3.333333x_4 + 1.666667x_{10} + 1.333333x_6 + 7.000000x_7$
$x_3$	1.1111111111	$-0.333333x_{12} - 0.777778x_2 - 0.555556x_4 - 0.222222x_{10} - 0.111111x_6 - 1.000000x_7 + 0.666667x_8$
$x_{13}$	3.7777777778	$+0.666667x_{12} + 4.555556x_2 - 3.000000x_1 + 4.111111x_4 + 0.444444x_{10} - 1.777778x_6 + 4.000000x_7 + 1.666667x_8$
$x_{14}$	3.8888888889	$+0.333333x_{12} - 1.222222x_2 - 4.000000x_1 + 0.555556x_4 + 1.222222x_{10} + 5.111111x_6 + 6.000000x_7 + 0.333333x_8$
$x_{15}$	3.8888888889	$-0.666667x_{12} - 0.222222x_2 + 1.000000x_1 - 1.444444x_4 + 0.222222x_{10} + 4.111111x_6 + 1.000000x_7 + 4.333333x_8$
$x_{16}$	7.4444444444	$-0.333333x_{12} - 2.111111x_2 - 1.000000x_1 - 1.222222x_4 + 0.111111x_{10} + 1.555556x_6 + 1.000000x_7 + 2.666667x_8$
$x_{17}$	4.0	$-2.000000x_2 + 3.000000x_1 + 5.000000x_4 - 1.000000x_{10} - 3.000000x_6 - 6.000000x_7 + 2.000000x_8$
$x_{18}$	6.8888888889	$+0.333333x_{12} + 1.777778x_2 - 3.000000x_1 - 1.444444x_4 + 0.222222x_{10} + 1.111111x_6 - 1.000000x_7 + 0.333333x_8$
$x_{19}$	8.5555555556	$-0.666667x_{12} + 0.111111x_2 - 2.000000x_1 + 0.222222x_4 - 0.111111x_{10} + 0.444444x_6 - 3.000000x_7 - 0.666667x_8$
$x_{20}$	8.3333333333	$-1.000000x_{12} - 0.333333x_2 + 6.000000x_1 + 1.333333x_4 - 1.666667x_{10} - 3.333333x_6 - 6.000000x_7 + 3.000000x_8$
$x_{21}$	7.2222222222	$-0.666667x_{12} - 1.555556x_2 - 0.111111x_4 + 0.555556x_{10} + 3.777778x_6 - 1.000000x_7 - 1.666667x_8$
$x_{22}$	6.7777777778	$-0.333333x_{12} + 1.555556x_2 + 4.000000x_1 - 0.888889x_4 - 0.555556x_{10} - 0.777778x_6 - 5.000000x_7 - 2.333333x_8$
$x_{23}$	13.1111111111	$-0.333333x_{12} + 1.222222x_2 - 0.555556x_4 - 1.222222x_{10} - 1.111111x_6 - 5.000000x_7 + 0.666667x_8$
$z$	2.8888888889	$-0.666667x_{12} - 0.222222x_2 + 2.000000x_1 - 1.444444x_4 - 0.777778x_{10} - 0.888889x_6 - 1.000000x_7 + 1.333333x_8$

$x_1$  enters and  $x_{14}$  leaves

$x_9$	1.9166666667	$+0.250000x_{12} + 3.083333x_2 + 0.250000x_{14} - 0.583333x_4 + 0.916667x_{10} + 3.833333x_6 + 1.500000x_7 + 2.250000x_8$
$x_5$	1.6388888889	$+0.083333x_{12} + 0.027778x_2 - 0.250000x_{14} + 0.805556x_4 - 0.027778x_{10} + 0.611111x_6 + 0.500000x_7 + 0.083333x_8$
$x_{11}$	8.6944444444	$+0.916667x_{12} - 0.361111x_2 + 0.250000x_{14} - 3.472222x_4 + 1.361111x_{10} + 0.055556x_6 + 5.500000x_7 - 0.083333x_8$
$x_3$	1.1111111111	$-0.333333x_{12} - 0.777778x_2 - 0.555556x_4 - 0.222222x_{10} - 0.111111x_6 - 1.000000x_7 + 0.666667x_8$
$x_{13}$	0.8611111111	$+0.416667x_{12} + 5.472222x_2 + 0.750000x_{14} + 3.694444x_4 - 0.472222x_{10} - 5.611111x_6 - 0.500000x_7 + 1.416667x_8$
$x_1$	0.9722222222	$+0.083333x_{12} - 0.305556x_2 - 0.250000x_{14} + 0.138889x_4 + 0.305556x_{10} + 1.277778x_6 + 1.500000x_7 + 0.083333x_8$
$x_{15}$	4.8611111111	$-0.583333x_{12} - 0.527778x_2 - 0.250000x_{14} - 1.305556x_4 + 0.527778x_{10} + 5.388889x_6 + 2.500000x_7 + 4.416667x_8$
$x_{16}$	6.4722222222	$-0.416667x_{12} - 1.805556x_2 + 0.250000x_{14} - 1.361111x_4 - 0.194444x_{10} + 0.277778x_6 - 0.500000x_7 + 2.500000x_8$
$x_{17}$	6.9166666667	$+0.250000x_{12} - 2.916667x_2 - 0.750000x_{14} + 5.416667x_4 - 0.083333x_{10} + 0.833333x_6 - 1.500000x_7 + 2.250000x_8$
$x_{18}$	3.9722222222	$+0.083333x_{12} + 2.694444x_2 + 0.750000x_{14} - 1.861111x_4 - 0.694444x_{10} - 2.722222x_6 - 5.500000x_7 + 0.083333x_8$
$x_{19}$	6.6111111111	$-0.833333x_{12} + 0.722222x_2 + 0.500000x_{14} - 0.055556x_4 - 0.722222x_{10} - 2.111111x_6 - 6.000000x_7 - 0.833333x_8$
$x_{20}$	14.1666666667	$-0.500000x_{12} - 2.166667x_2 - 1.500000x_{14} + 2.166667x_4 + 0.166667x_{10} + 4.333333x_6 + 3.000000x_7 + 3.500000x_8$
$x_{21}$	7.2222222222	$-0.666667x_{12} - 1.555556x_2 - 0.111111x_4 + 0.555556x_{10} + 3.777778x_6 - 1.000000x_7 - 1.666667x_8$
$x_{22}$	10.6666666667	$-0.000000x_{12} + 0.333333x_2 - 1.000000x_{14} - 0.333333x_4 + 0.666667x_{10} + 4.333333x_6 + 1.000000x_7 - 2.000000x_8$
$x_{23}$	13.1111111111	$-0.333333x_{12} + 1.222222x_2 - 0.555556x_4 - 1.222222x_{10} - 1.111111x_6 - 5.000000x_7 + 0.666667x_8$
$z$	4.8333333333	$-0.500000x_{12} - 0.833333x_2 - 0.500000x_{14} - 1.166667x_4 - 0.166667x_{10} + 1.666667x_6 + 2.000000x_7 + 1.500000x_8$

$x_6$  enters and  $x_{13}$  leaves

$x_9$	2.50495049505	$+0.534653x_{12} + 6.821782x_2 + 0.762376x_{14} + 1.940594x_4 + 0.594059x_{10} - 0.683168x_{13} + 1.158416x_7 + 3.158416x_3$
$x_5$	1.73267326733	$+0.128713x_{12} + 0.623762x_2 - 0.168317x_{14} + 1.207921x_4 - 0.079208x_{10} - 0.108911x_{13} + 0.445545x_7 + 0.445545x_3$
$x_{11}$	8.70297029703	$+0.920792x_{12} - 0.306931x_2 + 0.257426x_{14} - 3.435644x_4 + 1.356436x_{10} - 0.009901x_{13} + 5.495050x_7 - 0.495050x_3$
$x_3$	1.09405940594	$-0.341584x_{12} - 0.886139x_2 - 0.014851x_{14} - 0.628713x_4 - 0.212871x_{10} + 0.019802x_{13} - 0.990099x_7 + 0.990099x_3$
$x_6$	0.153465346535	$+0.074257x_{12} + 0.975248x_2 + 0.133663x_{14} + 0.658416x_4 - 0.084158x_{10} - 0.178218x_{13} - 0.089109x_7 + 0.089109x_3$
$x_1$	1.16831683168	$+0.178218x_{12} + 0.940594x_2 - 0.079208x_{14} + 0.980198x_4 + 0.198020x_{10} - 0.227723x_{13} + 1.386139x_7 + 0.386139x_3$
$x_{15}$	5.68811881188	$-0.183168x_{12} + 4.727723x_2 + 0.470297x_{14} + 2.242574x_4 + 0.074257x_{10} - 0.960396x_{13} + 2.019802x_7 + 5.019802x_3$
$x_{16}$	6.51485148515	$-0.396040x_{12} - 1.534653x_2 + 0.287129x_{14} - 1.178218x_4 - 0.217822x_{10} - 0.049505x_{13} - 0.524752x_7 + 2.049505x_3$
$x_{17}$	7.04455445545	$+0.311881x_{12} - 2.103960x_2 - 0.638614x_{14} + 5.965347x_4 - 0.153465x_{10} - 0.148515x_{13} - 1.574257x_7 + 2.048515x_3$
$x_{18}$	3.55445544554	$-0.118812x_{12} + 0.039604x_2 + 0.386139x_{14} - 3.653465x_4 - 0.465347x_{10} + 0.485149x_{13} - 5.257426x_7 - 0.485149x_3$
$x_{19}$	6.28712871287	$-0.990099x_{12} - 1.336634x_2 + 0.217822x_{14} - 1.445545x_4 - 0.544554x_{10} + 0.376238x_{13} - 5.811881x_7 - 1.811881x_3$
$x_{20}$	14.8316831683	$-0.178218x_{12} + 2.059406x_2 - 0.920792x_{14} + 5.019802x_4 - 0.198020x_{10} - 0.772277x_{13} + 2.613861x_7 + 4.613861x_3$
$x_{21}$	7.80198019802	$-0.386139x_{12} + 2.128713x_2 + 0.504950x_{14} + 2.376238x_4 + 0.237624x_{10} - 0.673267x_{13} - 1.336634x_7 - 0.336634x_3$
$x_{22}$	11.3316831683	$+0.321782x_{12} + 4.559406x_2 - 0.420792x_{14} + 2.519802x_4 + 0.301980x_{10} - 0.772277x_{13} + 0.613861x_7 - 0.613861x_3$
$x_{23}$	12.9405940594	$-0.415842x_{12} + 0.138614x_2 - 0.148515x_{14} - 1.287129x_4 - 1.128713x_{10} + 0.198020x_{13} - 4.900990x_7 + 0.198020x_3$
$z$	5.08910891089	$-0.376238x_{12} + 0.792079x_2 - 0.277228x_{14} - 0.069307x_4 - 0.306931x_{10} - 0.297030x_{13} + 1.851485x_7 + 1.851485x_3$

$x_2$  enters and  $x_3$  leaves

$x_9$	10.9273743017	$-2.094972x_{12} - 7.698324x_3 + 0.648045x_{14} - 2.899441x_4 - 1.044693x_{10} - 0.530726x_{13} - 6.463687x_7 + 8.153687x_3$
$x_5$	2.50279329609	$-0.111732x_{12} - 0.703911x_3 - 0.178771x_{14} + 0.765363x_4 - 0.229050x_{10} - 0.094972x_{13} - 0.251397x_7 + 0.251397x_3$
$x_{11}$	8.32402234637	$+1.039106x_{12} + 0.346369x_3 + 0.262570x_{14} - 3.217877x_4 + 1.430168x_{10} - 0.016760x_{13} + 5.837989x_7 - 0.237989x_3$
$x_2$	1.23463687151	$-0.385475x_{12} - 1.128492x_3 - 0.016760x_{14} - 0.709497x_4 - 0.240223x_{10} + 0.022346x_{13} - 1.117318x_7 + 0.717318x_3$
$x_6$	1.35754189944	$-0.301676x_{12} - 1.100559x_3 + 0.117318x_{14} - 0.033520x_4 - 0.318436x_{10} - 0.156425x_{13} - 1.178771x_7 + 0.9178771x_3$
$x_1$	2.32960893855	$-0.184358x_{12} - 1.061453x_3 - 0.094972x_{14} + 0.312849x_4 - 0.027933x_{10} - 0.206704x_{13} + 0.335196x_7 + 1.0335196x_3$
$x_{15}$	11.5251396648	$-2.005587x_{12} - 5.335196x_3 + 0.391061x_{14} - 1.111732x_4 - 1.061453x_{10} - 0.854749x_{13} - 3.262570x_7 + 9.162570x_3$
$x_{16}$	4.62011173184	$+0.195531x_{12} + 1.731844x_3 + 0.312849x_{14} - 0.089385x_4 + 0.150838x_{10} - 0.083799x_{13} + 1.189944x_7 + 1.5189944x_3$
$x_{17}$	4.4469273743	$+1.122905x_{12} + 2.374302x_3 - 0.603352x_{14} + 7.458101x_4 + 0.351955x_{10} - 0.195531x_{13} + 0.776536x_7 + 0.9776536x_3$
$x_{18}$	3.60335195531	$-0.134078x_{12} - 0.044693x_3 + 0.385475x_{14} - 3.681564x_4 - 0.474860x_{10} + 0.486034x_{13} - 5.301676x_7 - 0.501676x_3$
$x_{19}$	4.63687150838	$-0.474860x_{12} + 1.508380x_3 + 0.240223x_{14} - 0.497207x_4 - 0.223464x_{10} + 0.346369x_{13} - 4.318436x_7 - 2.318436x_3$
$x_{20}$	17.374301676	$-0.972067x_{12} - 2.324022x_3 - 0.955307x_{14} + 3.558659x_4 - 0.692737x_{10} - 0.726257x_{13} + 0.312849x_7 + 6.0312849x_3$
$x_{21}$	10.4301675978	$-1.206704x_{12} - 2.402235x_3 + 0.469274x_{14} + 0.865922x_4 - 0.273743x_{10} - 0.625698x_{13} - 3.715084x_7 + 0.815084x_3$
$x_{22}$	16.9608938547	$-1.435754x_{12} - 5.145251x_3 - 0.497207x_{14} - 0.715084x_4 - 0.793296x_{10} - 0.670391x_{13} - 4.480447x_7 + 2.3480447x_3$
$x_{23}$	13.1117318436	$-0.469274x_{12} - 0.156425x_3 - 0.150838x_{14} - 1.385475x_4 - 1.162011x_{10} + 0.201117x_{13} - 5.055866x_7 + 0.4055866x_3$
$z$	6.06703910615	$-0.681564x_{12} - 0.893855x_3 - 0.290503x_{14} - 0.631285x_4 - 0.497207x_{10} - 0.279330x_{13} + 0.966480x_7 + 2.466480x_3$

$x_7$  enters and  $x_{18}$  leaves

$x_9$	6.53424657534	$-1.931507x_{12} - 7.643836x_3 + 0.178082x_{14} + 1.589041x_4 - 0.465753x_{10} - 1.123288x_{13} + 1.219178x_{18} + 8.000000x_{19}$
$x_5$	2.33192834563	$-0.105374x_{12} - 0.701791x_3 - 0.197050x_{14} + 0.939937x_4 - 0.206533x_{10} - 0.118019x_{13} + 0.047418x_{18} + 0.000000x_{19}$
$x_{11}$	12.291886196	$+0.891465x_{12} + 0.297155x_3 + 0.687039x_{14} - 7.271865x_4 + 0.907271x_{10} + 0.518440x_{13} - 1.101159x_{18} - 0.000000x_{19}$
$x_2$	0.475237091675	$-0.357218x_{12} - 1.119073x_3 - 0.097998x_{14} + 0.066386x_4 - 0.140148x_{10} - 0.080084x_{13} + 0.210748x_{18} + 0.000000x_{19}$
$x_6$	0.556375131718	$-0.271865x_{12} - 1.090622x_3 + 0.031612x_{14} + 0.785037x_4 - 0.212856x_{10} - 0.264489x_{13} + 0.222339x_{18} + 1.000000x_{19}$
$x_1$	2.5574288725	$-0.192835x_{12} - 1.064278x_3 - 0.070601x_{14} + 0.080084x_4 - 0.057956x_{10} - 0.175975x_{13} - 0.063224x_{18} + 1.000000x_{19}$
$x_{15}$	9.30769230769	$-1.923077x_{12} - 5.307692x_3 + 0.153846x_{14} + 1.153846x_4 - 0.769231x_{10} - 1.153846x_{13} + 0.615385x_{18} + 9.000000x_{19}$
$x_{16}$	5.42887249737	$+0.165437x_{12} + 1.721812x_3 + 0.399368x_{14} - 0.915701x_4 + 0.044257x_{10} + 0.025290x_{13} - 0.224447x_{18} + 1.000000x_{19}$
$x_{17}$	4.97471022129	$+1.103267x_{12} + 2.367756x_3 - 0.546891x_{14} + 6.918862x_4 + 0.282403x_{10} - 0.124341x_{13} - 0.146470x_{18} + 0.000000x_{19}$
$x_7$	0.67966280295	$-0.025290x_{12} - 0.008430x_3 + 0.072708x_{14} - 0.694415x_4 - 0.089568x_{10} + 0.091675x_{13} - 0.188620x_{18} - 0.000000x_{19}$
$x_{19}$	1.70179135933	$-0.365648x_{12} + 1.544784x_3 - 0.073762x_{14} + 2.501581x_4 + 0.163330x_{10} - 0.049526x_{13} + 0.814542x_{18} - 1.000000x_{19}$
$x_{20}$	17.5869336143	$-0.979979x_{12} - 2.326660x_3 - 0.932561x_{14} + 3.341412x_4 - 0.720759x_{10} - 0.697576x_{13} - 0.059009x_{18} + 0.000000x_{19}$
$x_{21}$	7.90516332982	$-1.112750x_{12} - 2.370917x_3 + 0.199157x_{14} + 3.445732x_4 + 0.059009x_{10} - 0.966280x_{13} + 0.700738x_{18} + 1.000000x_{19}$
$x_{22}$	13.9157007376	$-1.322445x_{12} - 5.107482x_3 - 0.822972x_{14} + 2.396207x_4 - 0.391992x_{10} - 1.081138x_{13} + 0.845100x_{18} + 2.000000x_{19}$
$x_{23}$	9.67544783983	$-0.341412x_{12} - 0.113804x_3 - 0.518440x_{14} + 2.125395x_4 - 0.709168x_{10} - 0.262381x_{13} + 0.953635x_{18} + 1.000000x_{19}$
$z$	6.7239199157	$-0.706006x_{12} - 0.902002x_3 - 0.220232x_{14} - 1.302424x_4 - 0.583772x_{10} - 0.190727x_{13} - 0.182297x_{18} + 2.000000x_{19}$

$x_8$  enters and  $x_{19}$  leaves

$x_9$	14.614382786	$-3.667610x_{12} - 0.309173x_3 - 0.172140x_{14} + 13.466591x_4 + 0.309740x_{10} - 1.358437x_{13} + 5.086636x_{18} - 14.614382786x_{19}$
$x_5$	2.98527746319	$-0.245753x_{12} - 0.108720x_3 - 0.225368x_{14} + 1.900340x_4 - 0.143828x_{10} - 0.137033x_{13} + 0.360136x_{18} - 2.98527746319x_{19}$
$x_{11}$	11.4467723669	$+1.073046x_{12} - 0.469989x_3 + 0.723669x_{14} - 8.514156x_4 + 0.826161x_{10} + 0.543035x_{13} - 1.505663x_{18} + 11.4467723669x_{19}$
$x_2$	1.24518686297	$-0.522650x_{12} - 0.420159x_3 - 0.131370x_{14} + 1.198188x_4 - 0.066251x_{10} - 0.102492x_{13} + 0.579275x_{18} - 1.24518686297x_{19}$
$x_6$	1.5469988675	$-0.484711x_{12} - 0.191393x_3 - 0.011325x_{14} + 2.241223x_4 - 0.117780x_{10} - 0.293318x_{13} + 0.696489x_{18} - 1.5469988675x_{19}$
$x_1$	3.51528878822	$-0.398641x_{12} - 0.194790x_3 - 0.112118x_{14} + 1.488109x_4 + 0.033975x_{10} - 0.203851x_{13} + 0.395243x_{18} - 3.51528878822x_{19}$
$x_{15}$	18.0305775764	$-3.797282x_{12} + 2.610419x_3 - 0.224236x_{14} + 13.976217x_4 + 0.067950x_{10} - 1.407701x_{13} + 4.790487x_{18} - 18.0305775764x_{19}$
$x_{16}$	6.72593431484	$-0.113250x_{12} + 2.899207x_3 + 0.343148x_{14} + 0.990940x_4 + 0.168743x_{10} - 0.012458x_{13} + 0.396376x_{18} - 6.72593431484x_{19}$
$x_{17}$	5.7610419026	$+0.934315x_{12} + 3.081540x_3 - 0.580974x_{14} + 8.074745x_4 + 0.357871x_{10} - 0.147225x_{13} + 0.229898x_{18} - 5.7610419026x_{19}$
$x_7$	0.580407701019	$-0.003964x_{12} - 0.098528x_3 + 0.077010x_{14} - 0.840317x_4 - 0.099094x_{10} + 0.094564x_{13} - 0.236127x_{18} + 0.580407701019x_{19}$
$x_8$	0.91449603624	$-0.196489x_{12} + 0.830125x_3 - 0.039638x_{14} + 1.344281x_4 + 0.087769x_{10} - 0.026614x_{13} + 0.437712x_{18} - 0.91449603624x_{19}$
$x_{20}$	23.114382786	$-2.167610x_{12} + 2.690827x_3 - 1.172140x_{14} + 11.466591x_4 - 0.190260x_{10} - 0.858437x_{13} + 2.586636x_{18} - 23.114382786x_{19}$
$x_{21}$	9.02491506229	$-1.353341x_{12} - 1.354473x_3 + 0.150623x_{14} + 5.091733x_4 + 0.166478x_{10} - 0.998867x_{13} + 1.236693x_{18} - 9.02491506229x_{19}$
$x_{22}$	16.536806342	$-1.885617x_{12} - 2.728199x_3 - 0.936580x_{14} + 6.249151x_4 - 0.140430x_{10} - 1.157418x_{13} + 2.099660x_{18} - 16.536806342x_{19}$
$x_{23}$	10.6217440544	$-0.544734x_{12} + 0.745187x_3 - 0.559456x_{14} + 3.516421x_4 - 0.618347x_{10} - 0.289921x_{13} + 1.406569x_{18} - 10.6217440544x_{19}$
$z$	8.90656851642	$-1.174972x_{12} + 1.079275x_3 - 0.314836x_{14} + 1.906002x_4 - 0.374292x_{10} - 0.254247x_{13} + 0.862401x_{18} - 8.90656851642x_{19}$

$x_3$  enters and  $x_2$  leaves

$x_9$	13.6981132075	$-3.283019x_{12} + 0.735849x_2 - 0.075472x_{14} + 12.584906x_4 + 0.358491x_{10} - 1.283019x_{13} + 4.660377x_{18} -$
$x_5$	2.66307277628	$-0.110512x_{12} + 0.258760x_2 - 0.191375x_{14} + 1.590296x_4 - 0.126685x_{10} - 0.110512x_{13} + 0.210243x_{18} -$
$x_{11}$	10.0539083558	$+1.657682x_{12} + 1.118598x_2 + 0.870620x_{14} - 9.854447x_4 + 0.900270x_{10} + 0.657682x_{13} - 2.153639x_{18} +$
$x_3$	2.96361185984	$-1.243935x_{12} - 2.380054x_2 - 0.312668x_{14} + 2.851752x_4 - 0.157682x_{10} - 0.243935x_{13} + 1.378706x_{18} -$
$x_6$	0.979784366577	$-0.246631x_{12} + 0.455526x_2 + 0.048518x_{14} + 1.695418x_4 - 0.087601x_{10} - 0.246631x_{13} + 0.432615x_{18} -$
$x_1$	2.93800539084	$-0.156334x_{12} + 0.463612x_2 - 0.051213x_{14} + 0.932615x_4 + 0.064690x_{10} - 0.156334x_{13} + 0.126685x_{18} -$
$x_{15}$	25.7668463612	$-7.044474x_{12} - 6.212938x_2 - 1.040431x_{14} + 21.420485x_4 - 0.343666x_{10} - 2.044474x_{13} + 8.389488x_{18} -$
$x_{16}$	15.3180592992	$-3.719677x_{12} - 6.900270x_2 - 0.563342x_{14} + 9.258760x_4 - 0.288410x_{10} - 0.719677x_{13} + 4.393531x_{18} -$
$x_{17}$	14.8935309973	$-2.898922x_{12} - 7.334232x_2 - 1.544474x_{14} + 16.862534x_4 - 0.128032x_{10} - 0.898922x_{13} + 4.478437x_{18} -$
$x_7$	0.288409703504	$+0.118598x_{12} + 0.234501x_2 + 0.107817x_{14} - 1.121294x_4 - 0.083558x_{10} + 0.118598x_{13} - 0.371968x_{18} +$
$x_8$	3.37466307278	$-1.229111x_{12} - 1.975741x_2 - 0.299191x_{14} + 3.711590x_4 - 0.043127x_{10} - 0.229111x_{13} + 1.582210x_{18} -$
$x_{20}$	31.0889487871	$-5.514825x_{12} - 6.404313x_2 - 2.013477x_{14} + 19.140162x_4 - 0.614555x_{10} - 1.514825x_{13} + 6.296496x_{18} -$
$x_{21}$	5.01078167116	$+0.331536x_{12} + 3.223720x_2 + 0.574124x_{14} + 1.229111x_4 + 0.380054x_{10} - 0.668464x_{13} - 0.630728x_{18} +$
$x_{22}$	8.45148247978	$+1.508086x_{12} + 6.493261x_2 - 0.083558x_{14} - 1.530997x_4 + 0.289757x_{10} - 0.491914x_{13} - 1.661725x_{18} +$
$x_{23}$	12.8301886792	$-1.471698x_{12} - 1.773585x_2 - 0.792453x_{14} + 5.641509x_4 - 0.735849x_{10} - 0.471698x_{13} + 2.433962x_{18} -$
$z$	12.1051212938	$-2.517520x_{12} - 2.568733x_2 - 0.652291x_{14} + 4.983827x_4 - 0.544474x_{10} - 0.517520x_{13} + 2.350404x_{18} -$

$x_4$  enters and  $x_7$  leaves

$x_9$	16.9350961538	$-1.951923x_{12} + 3.367788x_2 + 1.134615x_{14} - 11.223558x_7 - 0.579327x_{10} + 0.048077x_{13} + 0.485577x_{18} -$
$x_5$	3.07211538462	$+0.057692x_{12} + 0.591346x_2 - 0.038462x_{14} - 1.418269x_7 - 0.245192x_{10} + 0.057692x_{13} - 0.317308x_{18} -$
$x_{11}$	7.51923076923	$+0.615385x_{12} - 0.942308x_2 - 0.076923x_{14} + 8.788462x_7 + 1.634615x_{10} - 0.384615x_{13} + 1.115385x_{18} -$
$x_3$	3.69711538462	$-0.942308x_{12} - 1.783654x_2 - 0.038462x_{14} - 2.543269x_7 - 0.370192x_{10} + 0.057692x_{13} + 0.432692x_{18} -$
$x_6$	1.41586538462	$-0.067308x_{12} + 0.810096x_2 + 0.211538x_{14} - 1.512019x_7 - 0.213942x_{10} - 0.067308x_{13} - 0.129808x_{18} -$
$x_1$	3.17788461538	$-0.057692x_{12} + 0.658654x_2 + 0.038462x_{14} - 0.831731x_7 - 0.004808x_{10} - 0.057692x_{13} - 0.182692x_{18} -$
$x_{15}$	31.2764423077	$-4.778846x_{12} - 1.733173x_2 + 1.019231x_{14} - 19.103365x_7 - 1.939904x_{10} + 0.221154x_{13} + 1.283654x_{18} -$
$x_{16}$	17.6995192308	$-2.740385x_{12} - 4.963942x_2 + 0.326923x_{14} - 8.257212x_7 - 0.978365x_{10} + 0.259615x_{13} + 1.322115x_{18} -$
$x_{17}$	19.2307692308	$-1.115385x_{12} - 3.807692x_2 + 0.076923x_{14} - 15.038462x_7 - 1.384615x_{10} + 0.884615x_{13} - 1.115385x_{18} -$
$x_4$	0.257211538462	$+0.105769x_{12} + 0.209135x_2 + 0.096154x_{14} - 0.891827x_7 - 0.074519x_{10} + 0.105769x_{13} - 0.331731x_{18} +$
$x_8$	4.32932692308	$-0.836538x_{12} - 1.199519x_2 + 0.057692x_{14} - 3.310096x_7 - 0.319712x_{10} + 0.163462x_{13} + 0.350962x_{18} -$
$x_{20}$	36.0120192308	$-3.490385x_{12} - 2.401442x_2 - 0.173077x_{14} - 17.069712x_7 - 2.040865x_{10} + 0.509615x_{13} - 0.052885x_{18} -$
$x_{21}$	5.32692307692	$+0.461538x_{12} + 3.480769x_2 + 0.692308x_{14} - 1.096154x_7 + 0.288462x_{10} - 0.538462x_{13} - 1.038462x_{18} +$
$x_{22}$	8.05769230769	$+1.346154x_{12} + 6.173077x_2 - 0.230769x_{14} + 1.365385x_7 + 0.403846x_{10} - 0.653846x_{13} - 1.153846x_{18} +$
$x_{23}$	14.28125	$-0.875000x_{12} - 0.593750x_2 - 0.250000x_{14} - 5.031250x_7 - 1.156250x_{10} + 0.125000x_{13} + 0.562500x_{18} -$
$z$	13.3870192308	$-1.990385x_{12} - 1.526442x_2 - 0.173077x_{14} - 4.444712x_7 - 0.915865x_{10} + 0.009615x_{13} + 0.697115x_{18} -$

$x_{13}$  enters and  $x_{21}$  leaves

$x_9$	17.4107142857	$-1.910714x_{12} + 3.678571x_2 + 1.196429x_{14} - 11.321429x_7 - 0.553571x_{10} - 0.089286x_{21} + 0.392857x_{18} - 2.0$
$x_5$	3.64285714286	$+0.107143x_{12} + 0.964286x_2 + 0.035714x_{14} - 1.535714x_7 - 0.214286x_{10} - 0.107143x_{21} - 0.428571x_{18} + 0.0$
$x_{11}$	3.71428571429	$+0.285714x_{12} - 3.428571x_2 - 0.571429x_{14} + 9.571429x_7 + 1.428571x_{10} + 0.714286x_{21} + 1.857143x_{18} - 1.0$
$x_3$	4.26785714286	$-0.892857x_{12} - 1.410714x_2 + 0.035714x_{14} - 2.660714x_7 - 0.339286x_{10} - 0.107143x_{21} + 0.321429x_{18} - 0.0$
$x_6$	0.75	$-0.125000x_{12} + 0.375000x_2 + 0.125000x_{14} - 1.375000x_7 - 0.250000x_{10} + 0.125000x_{21} + 0.000000x_{18} - 0.0$
$x_1$	2.60714285714	$-0.107143x_{12} + 0.285714x_2 - 0.035714x_{14} - 0.714286x_7 - 0.035714x_{10} + 0.107143x_{21} - 0.071429x_{18} - 0.0$
$x_{15}$	33.4642857143	$-4.589286x_{12} - 0.303571x_2 + 1.303571x_{14} - 19.553571x_7 - 1.821429x_{10} - 0.410714x_{21} + 0.857143x_{18} - 4.0$
$x_{16}$	20.2678571429	$-2.517857x_{12} - 3.285714x_2 + 0.660714x_{14} - 8.785714x_7 - 0.839286x_{10} - 0.482143x_{21} + 0.821429x_{18} - 2.0$
$x_{17}$	27.9821428571	$-0.357143x_{12} + 1.910714x_2 + 1.214286x_{14} - 16.839286x_7 - 0.910714x_{10} - 1.642857x_{21} - 2.821429x_{18} + 0.0$
$x_4$	1.30357142857	$+0.196429x_{12} + 0.892857x_2 + 0.232143x_{14} - 1.107143x_7 - 0.017857x_{10} - 0.196429x_{21} - 0.535714x_{18} + 0.0$
$x_8$	5.94642857143	$-0.696429x_{12} - 0.142857x_2 + 0.267857x_{14} - 3.642857x_7 - 0.232143x_{10} - 0.303571x_{21} + 0.035714x_{18} - 0.0$
$x_{20}$	41.0535714286	$-3.053571x_{12} + 0.892857x_2 + 0.482143x_{14} - 18.107143x_7 - 1.767857x_{10} - 0.946429x_{21} - 1.035714x_{18} - 2.0$
$x_{13}$	9.89285714286	$+0.857143x_{12} + 6.464286x_2 + 1.285714x_{14} - 2.035714x_7 + 0.535714x_{10} - 1.857143x_{21} - 1.928571x_{18} + 1.0$
$x_{22}$	1.58928571429	$+0.785714x_{12} + 1.946429x_2 - 1.071429x_{14} + 2.696429x_7 + 0.053571x_{10} + 1.214286x_{21} + 0.107143x_{18} - 0.0$
$x_{23}$	15.5178571429	$-0.767857x_{12} + 0.214286x_2 - 0.089286x_{14} - 5.285714x_7 - 1.089286x_{10} - 0.232143x_{21} + 0.321429x_{18} - 0.0$
$z$	13.4821428571	$-1.982143x_{12} - 1.464286x_2 - 0.160714x_{14} - 4.464286x_7 - 0.910714x_{10} - 0.017857x_{21} + 0.678571x_{18} - 1.0$

$x_{18}$  enters and  $x_4$  leaves

$x_9$	18.3666666667	$-1.766667x_{12} + 4.333333x_2 + 1.366667x_{14} - 12.133333x_7 - 0.566667x_{10} - 0.233333x_{21} - 0.733333x_4 - 2.0$
$x_5$	2.6	$-0.050000x_{12} + 0.250000x_2 - 0.150000x_{14} - 0.650000x_7 - 0.200000x_{10} + 0.050000x_{21} + 0.800000x_4 - 0.0$
$x_{11}$	8.23333333333	$+0.966667x_{12} - 0.333333x_2 + 0.233333x_{14} + 5.733333x_7 + 1.366667x_{10} + 0.033333x_{21} - 3.466667x_4 + 0.0$
$x_3$	5.05	$-0.775000x_{12} - 0.875000x_2 + 0.175000x_{14} - 3.325000x_7 - 0.350000x_{10} - 0.225000x_{21} - 0.600000x_4 - 0.0$
$x_6$	0.75	$-0.125000x_{12} + 0.375000x_2 + 0.125000x_{14} - 1.375000x_7 - 0.250000x_{10} + 0.125000x_{21} - 0.000000x_4 - 0.0$
$x_1$	2.43333333333	$-0.133333x_{12} + 0.166667x_2 - 0.066667x_{14} - 0.566667x_7 - 0.033333x_{10} + 0.133333x_{21} + 0.133333x_4 - 0.0$
$x_{15}$	35.55	$-4.275000x_{12} + 1.125000x_2 + 1.675000x_{14} - 21.325000x_7 - 1.850000x_{10} - 0.725000x_{21} - 1.600000x_4 - 3.0$
$x_{16}$	22.2666666667	$-2.216667x_{12} - 1.916667x_2 + 1.016667x_{14} - 10.483333x_7 - 0.866667x_{10} - 0.783333x_{21} - 1.533333x_4 - 1.0$
$x_{17}$	21.1166666667	$-1.391667x_{12} - 2.791667x_2 - 0.008333x_{14} - 11.008333x_7 - 0.816667x_{10} - 0.608333x_{21} + 5.266667x_4 - 1.0$
$x_{18}$	2.43333333333	$+0.366667x_{12} + 1.666667x_2 + 0.433333x_{14} - 2.066667x_7 - 0.033333x_{10} - 0.366667x_{21} - 1.866667x_4 + 0.0$
$x_8$	6.03333333333	$-0.683333x_{12} - 0.083333x_2 + 0.283333x_{14} - 3.716667x_7 - 0.233333x_{10} - 0.316667x_{21} - 0.066667x_4 - 0.0$
$x_{20}$	38.5333333333	$-3.433333x_{12} - 0.833333x_2 + 0.033333x_{14} - 15.966667x_7 - 1.733333x_{10} - 0.566667x_{21} + 1.933333x_4 - 3.0$
$x_{13}$	5.2	$+0.150000x_{12} + 3.250000x_2 + 0.450000x_{14} + 1.950000x_7 + 0.600000x_{10} - 1.150000x_{21} + 3.600000x_4 + 0.0$
$x_{22}$	1.85	$+0.825000x_{12} + 2.125000x_2 - 1.025000x_{14} + 2.475000x_7 + 0.050000x_{10} + 1.175000x_{21} - 0.200000x_4 + 0.0$
$x_{23}$	16.3	$-0.650000x_{12} + 0.750000x_2 + 0.050000x_{14} - 5.950000x_7 - 1.100000x_{10} - 0.350000x_{21} - 0.600000x_4 - 0.0$
$z$	15.1333333333	$-1.733333x_{12} - 0.333333x_2 + 0.133333x_{14} - 5.866667x_7 - 0.933333x_{10} - 0.266667x_{21} - 1.266667x_4 - 1.0$

$x_{14}$  enters and  $x_{22}$  leaves

$x_9$	20.8333333333	$-0.666667x_{12} + 7.166667x_2 - 1.333333x_{22} - 8.833333x_7 - 0.500000x_{10} + 1.333333x_{21} - 1.000000x_4 - 2.000000x_5$
$x_5$	2.32926829268	$-0.170732x_{12} - 0.060976x_2 + 0.146341x_{22} - 1.012195x_7 - 0.207317x_{10} - 0.121951x_{21} + 0.829268x_4 - 0.060976x_5$
$x_{11}$	8.65447154472	$+1.154472x_{12} + 0.150407x_2 - 0.227642x_{22} + 6.296748x_7 + 1.378049x_{10} + 0.300813x_{21} - 3.512195x_4 + 0.150407x_{11}$
$x_3$	5.36585365854	$-0.634146x_{12} - 0.512195x_2 - 0.170732x_{22} - 2.902439x_7 - 0.341463x_{10} - 0.024390x_{21} - 0.634146x_4 - 0.512195x_3$
$x_6$	0.975609756098	$-0.024390x_{12} + 0.634146x_2 - 0.121951x_{22} - 1.073171x_7 - 0.243902x_{10} + 0.268293x_{21} - 0.024390x_4 - 0.024390x_6$
$x_1$	2.31300813008	$-0.186992x_{12} + 0.028455x_2 + 0.065041x_{22} - 0.727642x_7 - 0.036585x_{10} + 0.056911x_{21} + 0.146341x_4 - 0.186992x_1$
$x_{15}$	38.5731707317	$-2.926829x_{12} + 4.597561x_2 - 1.634146x_{22} - 17.280488x_7 - 1.768293x_{10} + 1.195122x_{21} - 1.926829x_4 - 3.512195x_{15}$
$x_{16}$	24.1016260163	$-1.398374x_{12} + 0.191057x_2 - 0.991870x_{22} - 8.028455x_7 - 0.817073x_{10} + 0.382114x_{21} - 1.731707x_4 - 1.398374x_{16}$
$x_{17}$	21.1016260163	$-1.398374x_{12} - 2.808943x_2 + 0.008130x_{22} - 11.028455x_7 - 0.817073x_{10} - 0.617886x_{21} + 5.268293x_4 - 1.398374x_{17}$
$x_{18}$	3.21544715447	$+0.715447x_{12} + 2.565041x_2 - 0.422764x_{22} - 1.020325x_7 - 0.012195x_{10} + 0.130081x_{21} - 1.951220x_4 + 0.715447x_{18}$
$x_8$	6.54471544715	$-0.455285x_{12} + 0.504065x_2 - 0.276423x_{22} - 3.032520x_7 - 0.219512x_{10} + 0.008130x_{21} - 0.121951x_4 - 0.455285x_8$
$x_{20}$	38.593495935	$-3.406504x_{12} - 0.764228x_2 - 0.032520x_{22} - 15.886179x_7 - 1.731707x_{10} - 0.528455x_{21} + 1.926829x_4 - 3.406504x_{20}$
$x_{13}$	6.01219512195	$+0.512195x_{12} + 4.182927x_2 - 0.439024x_{22} + 3.036585x_7 + 0.621951x_{10} - 0.634146x_{21} + 3.512195x_4 + 0.512195x_{13}$
$x_{14}$	1.80487804878	$+0.804878x_{12} + 2.073171x_2 - 0.975610x_{22} + 2.414634x_7 + 0.048780x_{10} + 1.146341x_{21} - 0.195122x_4 + 0.804878x_{14}$
$x_{23}$	16.3902439024	$-0.609756x_{12} + 0.853659x_2 - 0.048780x_{22} - 5.829268x_7 - 1.097561x_{10} - 0.292683x_{21} - 0.609756x_4 - 0.609756x_{23}$
$z$	15.3739837398	$-1.626016x_{12} - 0.056911x_2 - 0.130081x_{22} - 5.544715x_7 - 0.926829x_{10} - 0.113821x_{21} - 1.292683x_4 - 1.626016z$

$x_{-1}$  enters and Final Dictionary Solution: 15.3739837398 Num Pivots: 13