

$x_{15}$	7.0	$+3.000000x_1 - 1.000000x_2 - 3.000000x_3 + 3.000000x_4 + 2.000000x_5 + 3.000000x_6 + 2.000000x_7 + 3.000000x_8 - 3.000000x_9$
$x_{16}$	3.0	$-1.000000x_1 - 1.000000x_2 - 2.000000x_3 - 3.000000x_4 + 2.000000x_5 + 1.000000x_6 - 3.000000x_7 + 1.000000x_8 + 1.000000x_9$
$x_{17}$	1.0	$-3.000000x_1 + 3.000000x_2 - 3.000000x_4 - 3.000000x_7 - 3.000000x_8 + 2.000000x_9$
$x_{18}$	6.0	$+2.000000x_2 - 3.000000x_5 - 2.000000x_6 - 2.000000x_7 - 2.000000x_8 + 1.000000x_9$
$x_{19}$	13.0	$+3.000000x_1 - 3.000000x_2 - 3.000000x_3 - 3.000000x_4 - 2.000000x_5 + 3.000000x_6 - 2.000000x_7 + 3.000000x_8 - 3.000000x_9$
$x_{20}$	3.0	$+1.000000x_2 - 1.000000x_3 + 3.000000x_4 - 3.000000x_5 - 1.000000x_6 + 1.000000x_9$
$x_{21}$	12.0	$+1.000000x_1 + 2.000000x_2 + 3.000000x_3 - 2.000000x_4 - 2.000000x_5 + 3.000000x_6 - 2.000000x_7 - 1.000000x_8 - 2.000000x_9$
$x_{22}$	11.0	$-1.000000x_1 + 1.000000x_2 + 2.000000x_4 + 3.000000x_5 - 1.000000x_6 - 3.000000x_8 - 3.000000x_9$
$x_{23}$	9.0	$-2.000000x_1 - 2.000000x_2 - 3.000000x_3 - 1.000000x_4 + 2.000000x_5 + 2.000000x_6 - 2.000000x_7 - 3.000000x_8 + 3.000000x_9$
$x_{24}$	7.0	$+2.000000x_1 - 2.000000x_2 - 1.000000x_3 - 1.000000x_4 - 3.000000x_5 + 3.000000x_6 - 3.000000x_7 - 1.000000x_8 + 1.000000x_9$
$x_{25}$	3.0	$+1.000000x_1 + 3.000000x_2 + 3.000000x_3 - 1.000000x_6 - 3.000000x_7 - 3.000000x_8 + 3.000000x_9$
$x_{26}$	5.0	$+2.000000x_1 - 1.000000x_2 + 3.000000x_3 - 2.000000x_4 - 2.000000x_6 + 3.000000x_7 + 1.000000x_8 + 1.000000x_9$
$x_{27}$	13.0	$+1.000000x_1 - 3.000000x_2 - 2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_6 + 3.000000x_7 + 1.000000x_9$
$x_{28}$	1.0	$+1.000000x_2 + 1.000000x_3 + 2.000000x_6 + 1.000000x_7 - 1.000000x_8 + 2.000000x_9$
$x_{29}$	5.0	$-2.000000x_1 + 1.000000x_3 + 2.000000x_4 - 1.000000x_5 + 2.000000x_6 - 3.000000x_7 - 1.000000x_8 - 1.000000x_9$
$z$	0.0	$-1.000000x_2 - 2.000000x_3 + 1.000000x_4 + 2.000000x_7 - 2.000000x_8$

No initialization required - Proceed to Optimize.

$x_{15}$	7.0	$+3.000000x_1 - 1.000000x_2 - 3.000000x_3 + 3.000000x_4 + 2.000000x_5 + 3.000000x_6 + 2.000000x_7 + 3.000000x_8 - 3.000000x_9$
$x_{16}$	3.0	$-1.000000x_1 - 1.000000x_2 - 2.000000x_3 - 3.000000x_4 + 2.000000x_5 + 1.000000x_6 - 3.000000x_7 + 1.000000x_8 + 1.000000x_9$
$x_{17}$	1.0	$-3.000000x_1 + 3.000000x_2 - 3.000000x_4 - 3.000000x_7 - 3.000000x_8 + 2.000000x_9$
$x_{18}$	6.0	$+2.000000x_2 - 3.000000x_5 - 2.000000x_6 - 2.000000x_7 - 2.000000x_8 + 1.000000x_9$
$x_{19}$	13.0	$+3.000000x_1 - 3.000000x_2 - 3.000000x_3 - 3.000000x_4 - 2.000000x_5 + 3.000000x_6 - 2.000000x_7 + 3.000000x_8 - 3.000000x_9$
$x_{20}$	3.0	$+1.000000x_2 - 1.000000x_3 + 3.000000x_4 - 3.000000x_5 - 1.000000x_6 + 1.000000x_9$
$x_{21}$	12.0	$+1.000000x_1 + 2.000000x_2 + 3.000000x_3 - 2.000000x_4 - 2.000000x_5 + 3.000000x_6 - 2.000000x_7 - 1.000000x_8 - 2.000000x_9$
$x_{22}$	11.0	$-1.000000x_1 + 1.000000x_2 + 2.000000x_4 + 3.000000x_5 - 1.000000x_6 - 3.000000x_8 - 3.000000x_9$
$x_{23}$	9.0	$-2.000000x_1 - 2.000000x_2 - 3.000000x_3 - 1.000000x_4 + 2.000000x_5 + 2.000000x_6 - 2.000000x_7 - 3.000000x_8 + 3.000000x_9$
$x_{24}$	7.0	$+2.000000x_1 - 2.000000x_2 - 1.000000x_3 - 1.000000x_4 - 3.000000x_5 + 3.000000x_6 - 3.000000x_7 - 1.000000x_8 + 1.000000x_9$
$x_{25}$	3.0	$+1.000000x_1 + 3.000000x_2 + 3.000000x_3 - 1.000000x_6 - 3.000000x_7 - 3.000000x_8 + 3.000000x_9$
$x_{26}$	5.0	$+2.000000x_1 - 1.000000x_2 + 3.000000x_3 - 2.000000x_4 - 2.000000x_6 + 3.000000x_7 + 1.000000x_8 + 1.000000x_9$
$x_{27}$	13.0	$+1.000000x_1 - 3.000000x_2 - 2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_6 + 3.000000x_7 + 1.000000x_9$
$x_{28}$	1.0	$+1.000000x_2 + 1.000000x_3 + 2.000000x_6 + 1.000000x_7 - 1.000000x_8 + 2.000000x_9$
$x_{29}$	5.0	$-2.000000x_1 + 1.000000x_3 + 2.000000x_4 - 1.000000x_5 + 2.000000x_6 - 3.000000x_7 - 1.000000x_8 - 1.000000x_9$
$z$	0.0	$-1.000000x_2 - 2.000000x_3 + 1.000000x_4 + 2.000000x_7 - 2.000000x_8$

$x_4$  enters and  $x_{17}$  leaves

$x_{15}$	8.0	$+2.000000x_2 - 3.000000x_3 - 1.000000x_{17} + 2.000000x_5 + 3.000000x_6 - 1.000000x_7$				
$x_{16}$	2.0	$+2.000000x_1 - 4.000000x_2 - 2.000000x_3 + 1.000000x_{17} + 2.000000x_5 + 1.000000x_6$				
$x_4$	0.333333333333	$-1.000000x_1 + 1.000000x_2 - 0.333333x_{17} - 1.000000x_7 - 1.000000x_8$				
$x_{18}$	6.0	$+2.000000x_2 - 3.000000x_5 - 2.000000x_6 - 2.000000x_7 - 2.000000x_8$				
$x_{19}$	12.0	$+6.000000x_1 - 6.000000x_2 - 3.000000x_3 + 1.000000x_{17} - 2.000000x_5 + 3.000000x_6 + 1.000000x_7 + 6.000000x_8$				
$x_{20}$	4.0	$-3.000000x_1 + 4.000000x_2 - 1.000000x_3 - 1.000000x_{17} - 3.000000x_5 - 1.000000x_6 - 3.000000x_7 - 3.000000x_8$				
$x_{21}$	11.3333333333	$+3.000000x_1 + 3.000000x_3 + 0.666667x_{17} - 2.000000x_5 + 3.000000x_6 + 1.000000x_7 + 1.000000x_8$				
$x_{22}$	11.6666666667	$-3.000000x_1 + 3.000000x_2 - 0.666667x_{17} + 3.000000x_5 - 1.000000x_6 - 2.000000x_7 - 5.000000x_8$				
$x_{23}$	8.6666666667	$-1.000000x_1 - 3.000000x_2 - 3.000000x_3 + 0.333333x_{17} + 2.000000x_5 + 2.000000x_6 - 1.000000x_7 - 2.000000x_8$				
$x_{24}$	6.6666666667	$+3.000000x_1 - 3.000000x_2 - 1.000000x_3 + 0.333333x_{17} - 3.000000x_5 + 3.000000x_6 - 2.000000x_7$				
$x_{25}$	3.0	$+1.000000x_1 + 3.000000x_2 + 3.000000x_3 - 1.000000x_6 - 3.000000x_7 - 3.000000x_8$				
$x_{26}$	4.3333333333	$+4.000000x_1 - 3.000000x_2 + 3.000000x_3 + 0.666667x_{17} - 2.000000x_6 + 5.000000x_7 + 3.000000x_8$				
$x_{27}$	13.3333333333	$-2.000000x_2 - 2.000000x_3 - 0.333333x_{17} - 2.000000x_5 + 2.000000x_6 + 2.000000x_7 - 1.000000x_8$				
$x_{28}$	1.0	$+1.000000x_2 + 1.000000x_3 + 2.000000x_6 + 1.000000x_7 - 1.000000x_8$				
$x_{29}$	5.6666666667	$-4.000000x_1 + 2.000000x_2 + 1.000000x_3 - 0.666667x_{17} - 1.000000x_5 + 2.000000x_6 - 5.000000x_7 - 3.000000x_8$				
$z$	0.333333333333	$-1.000000x_1 - 2.000000x_3 - 0.333333x_{17} + 1.000000x_7 - 3.000000x_8$				

$x_7$  enters and  $x_4$  leaves

$x_{15}$	7.6666666667	$+1.000000x_1 + 1.000000x_2 - 3.000000x_3 - 0.666667x_{17} + 2.000000x_5 + 3.000000x_6 + 1.000000x_4 + 1.000000x_8$				
$x_{16}$	2.0	$+2.000000x_1 - 4.000000x_2 - 2.000000x_3 + 1.000000x_{17} + 2.000000x_5 + 1.000000x_6 + 4.000000x_8$				
$x_7$	0.333333333333	$-1.000000x_1 + 1.000000x_2 - 0.333333x_{17} - 1.000000x_4 - 1.000000x_8$				
$x_{18}$	5.3333333333	$+2.000000x_1 + 0.666667x_{17} - 3.000000x_5 - 2.000000x_6 + 2.000000x_4$				
$x_{19}$	12.3333333333	$+5.000000x_1 - 5.000000x_2 - 3.000000x_3 + 0.666667x_{17} - 2.000000x_5 + 3.000000x_6 - 1.000000x_4 + 5.000000x_8$				
$x_{20}$	3.0	$+1.000000x_2 - 1.000000x_3 - 3.000000x_5 - 1.000000x_6 + 3.000000x_4$				
$x_{21}$	11.3333333333	$+3.000000x_1 + 3.000000x_3 + 0.666667x_{17} - 2.000000x_5 + 3.000000x_6 + 1.000000x_7 + 1.000000x_8$				
$x_{22}$	11.0	$-1.000000x_1 + 1.000000x_2 + 3.000000x_5 - 1.000000x_6 + 2.000000x_4 - 3.000000x_8$				
$x_{23}$	8.3333333333	$-4.000000x_2 - 3.000000x_3 + 0.666667x_{17} + 2.000000x_5 + 2.000000x_6 + 1.000000x_4 - 1.000000x_8$				
$x_{24}$	6.0	$+5.000000x_1 - 5.000000x_2 - 1.000000x_3 + 1.000000x_{17} - 3.000000x_5 + 3.000000x_6 + 2.000000x_4 + 2.000000x_8$				
$x_{25}$	2.0	$+4.000000x_1 + 3.000000x_3 + 1.000000x_{17} - 1.000000x_6 + 3.000000x_4$				
$x_{26}$	6.0	$-1.000000x_1 + 2.000000x_2 + 3.000000x_3 - 1.000000x_{17} - 2.000000x_6 - 5.000000x_4 - 2.000000x_8$				
$x_{27}$	14.0	$-2.000000x_1 - 2.000000x_3 - 1.000000x_{17} - 2.000000x_5 + 2.000000x_6 - 2.000000x_4 - 3.000000x_8$				
$x_{28}$	1.3333333333	$-1.000000x_1 + 2.000000x_2 + 1.000000x_3 - 0.333333x_{17} + 2.000000x_6 - 1.000000x_4 - 2.000000x_8$				
$x_{29}$	4.0	$+1.000000x_1 - 3.000000x_2 + 1.000000x_3 + 1.000000x_{17} - 1.000000x_5 + 2.000000x_6 + 5.000000x_4 + 2.000000x_8$				
$z$	0.6666666667	$-2.000000x_1 + 1.000000x_2 - 2.000000x_3 - 0.666667x_{17} - 1.000000x_4 - 4.000000x_8$				

$x_2$  enters and  $x_{16}$  leaves

$x_{15}$	8.1666666667	$+1.500000x_1 - 0.250000x_{16} - 3.500000x_3 - 0.416667x_{17} + 2.500000x_5 + 3.250000x_6 + 1.000000x_4 + 2.000000x_2$
$x_2$	0.5	$+0.500000x_1 - 0.250000x_{16} - 0.500000x_3 + 0.250000x_{17} + 0.500000x_5 + 0.250000x_6$
$x_7$	0.8333333333	$-0.500000x_1 - 0.250000x_{16} - 0.500000x_3 - 0.083333x_{17} + 0.500000x_5 + 0.250000x_6 - 1.000000x_4$
$x_{18}$	5.3333333333	$+2.000000x_1 + 0.666667x_{17} - 3.000000x_5 - 2.000000x_6 + 2.000000x_4$
$x_{19}$	9.8333333333	$+2.500000x_1 + 1.250000x_{16} - 0.500000x_3 - 0.583333x_{17} - 4.500000x_5 + 1.750000x_6 - 1.000000x_4$
$x_{20}$	3.5	$+0.500000x_1 - 0.250000x_{16} - 1.500000x_3 + 0.250000x_{17} - 2.500000x_5 - 0.750000x_6 + 3.000000x_4 + 1.000000x_2$
$x_{21}$	11.3333333333	$+3.000000x_1 + 3.000000x_3 + 0.666667x_{17} - 2.000000x_5 + 3.000000x_6$
$x_{22}$	11.5	$-0.500000x_1 - 0.250000x_{16} - 0.500000x_3 + 0.250000x_{17} + 3.500000x_5 - 0.750000x_6 + 2.000000x_4 - 2.000000x_2$
$x_{23}$	6.3333333333	$-2.000000x_1 + 1.000000x_{16} - 1.000000x_3 - 0.333333x_{17} + 1.000000x_6 + 1.000000x_4 - 5.000000x_2$
$x_{24}$	3.5	$+2.500000x_1 + 1.250000x_{16} + 1.500000x_3 - 0.250000x_{17} - 5.500000x_5 + 1.750000x_6 + 2.000000x_4 - 3.000000x_2$
$x_{25}$	2.0	$+4.000000x_1 + 3.000000x_3 + 1.000000x_{17} - 1.000000x_6 + 3.000000x_4$
$x_{26}$	7.0	$-0.500000x_{16} + 2.000000x_3 - 0.500000x_{17} + 1.000000x_5 - 1.500000x_6 - 5.000000x_4$
$x_{27}$	14.0	$-2.000000x_1 - 2.000000x_3 - 1.000000x_{17} - 2.000000x_5 + 2.000000x_6 - 2.000000x_4 - 3.000000x_2$
$x_{28}$	2.3333333333	$-0.500000x_{16} + 0.166667x_{17} + 1.000000x_5 + 2.500000x_6 - 1.000000x_4$
$x_{29}$	2.5	$-0.500000x_1 + 0.750000x_{16} + 2.500000x_3 + 0.250000x_{17} - 2.500000x_5 + 1.250000x_6 + 5.000000x_4 - 1.000000x_2$
$z$	1.1666666667	$-1.500000x_1 - 0.250000x_{16} - 2.500000x_3 - 0.416667x_{17} + 0.500000x_5 + 0.250000x_6 - 1.000000x_4 - 3.000000x_2$

$x_5$  enters and  $x_{24}$  leaves

$x_{15}$	9.7575757575	$+2.636364x_1 + 0.318182x_{16} - 2.818182x_3 - 0.530303x_{17} - 0.454545x_{24} + 4.045455x_6 + 1.909091x_4 + 0.636364x_2$
$x_2$	0.8181818182	$+0.727273x_1 - 0.136364x_{16} - 0.363636x_3 + 0.227273x_{17} - 0.090909x_{24} + 0.409091x_6 + 0.181818x_4 + 0.727273x_2$
$x_7$	1.1515151515	$-0.272727x_1 - 0.136364x_{16} - 0.363636x_3 - 0.106061x_{17} - 0.090909x_{24} + 0.409091x_6 - 0.818182x_4 - 0.272727x_2$
$x_{18}$	3.4242424242	$+0.636364x_1 - 0.681818x_{16} - 0.818182x_3 + 0.803030x_{17} + 0.545455x_{24} - 2.954545x_6 + 0.909091x_4 + 1.636364x_2$
$x_{19}$	6.9696969697	$+0.454545x_1 + 0.227273x_{16} - 1.727273x_3 - 0.378788x_{17} + 0.818182x_{24} + 0.318182x_6 - 2.636364x_4 + 2.424242x_2$
$x_{20}$	1.9090909090	$-0.636364x_1 - 0.818182x_{16} - 2.181818x_3 + 0.363636x_{17} + 0.454545x_{24} - 1.545455x_6 + 2.090909x_4 + 2.363636x_2$
$x_{21}$	10.0606060606	$+2.090909x_1 - 0.454545x_{16} + 2.454545x_3 + 0.757576x_{17} + 0.363636x_{24} + 2.363636x_6 - 0.727273x_4 + 2.060606x_2$
$x_{22}$	13.7272727273	$+1.090909x_1 + 0.545455x_{16} + 0.454545x_3 + 0.090909x_{17} - 0.636364x_{24} + 0.363636x_6 + 3.272727x_4 - 3.909091x_2$
$x_{23}$	6.3333333333	$-2.000000x_1 + 1.000000x_{16} - 1.000000x_3 - 0.333333x_{17} + 1.000000x_6 + 1.000000x_4 - 5.000000x_2$
$x_5$	0.6363636364	$+0.454545x_1 + 0.227273x_{16} + 0.272727x_3 - 0.045455x_{17} - 0.181818x_{24} + 0.318182x_6 + 0.363636x_4 - 0.545455x_2$
$x_{25}$	2.0	$+4.000000x_1 + 3.000000x_3 + 1.000000x_{17} - 1.000000x_6 + 3.000000x_4$
$x_{26}$	7.6363636364	$+0.454545x_1 - 0.272727x_{16} + 2.272727x_3 - 0.545455x_{17} - 0.181818x_{24} - 1.181818x_6 - 4.636364x_4 - 0.545455x_2$
$x_{27}$	12.7272727273	$-2.909091x_1 - 0.454545x_{16} - 2.545455x_3 - 0.909091x_{17} + 0.363636x_{24} + 1.363636x_6 - 2.727273x_4 - 1.909091x_2$
$x_{28}$	2.9696969697	$+0.454545x_1 - 0.272727x_{16} + 0.272727x_3 + 0.121212x_{17} - 0.181818x_{24} + 2.818182x_6 - 0.636364x_4 - 0.545455x_2$
$x_{29}$	0.9090909091	$-1.636364x_1 + 0.181818x_{16} + 1.818182x_3 + 0.363636x_{17} + 0.454545x_{24} + 0.454545x_6 + 4.090909x_4 + 0.363636x_2$
$z$	1.4848484848	$-1.272727x_1 - 0.136364x_{16} - 2.363636x_3 - 0.439394x_{17} - 0.090909x_{24} + 0.409091x_6 - 0.818182x_4 - 3.272727x_2$

$x_6$  enters and  $x_{18}$  leaves

$x_{15}$	14.4461538462	$+3.507692x_1 - 0.615385x_{16} - 3.938462x_3 + 0.569231x_{17} + 0.292308x_{24} - 1.369231x_{18} + 3.153846x_4 + 2.$
$x_2$	1.29230769231	$+0.815385x_1 - 0.230769x_{16} - 0.476923x_3 + 0.338462x_{17} - 0.015385x_{24} - 0.138462x_{18} + 0.307692x_4 + 0.$
$x_7$	1.62564102564	$-0.184615x_1 - 0.230769x_{16} - 0.476923x_3 + 0.005128x_{17} - 0.015385x_{24} - 0.138462x_{18} - 0.692308x_4 - 0.$
$x_6$	1.15897435897	$+0.215385x_1 - 0.230769x_{16} - 0.276923x_3 + 0.271795x_{17} + 0.184615x_{24} - 0.338462x_{18} + 0.307692x_4 + 0.$
$x_{19}$	7.33846153846	$+0.523077x_1 + 0.153846x_{16} - 1.815385x_3 - 0.292308x_{17} + 0.876923x_{24} - 0.107692x_{18} - 2.538462x_4 + 2.$
$x_{20}$	0.117948717949	$-0.969231x_1 - 0.461538x_{16} - 1.753846x_3 - 0.056410x_{17} + 0.169231x_{24} + 0.523077x_{18} + 1.615385x_4 + 1.$
$x_{21}$	12.8	$+2.600000x_1 - 1.000000x_{16} + 1.800000x_3 + 1.400000x_{17} + 0.800000x_{24} - 0.800000x_{18} + 0.000000x_4 + 3.$
$x_{22}$	14.1487179487	$+1.169231x_1 + 0.461538x_{16} + 0.353846x_3 + 0.189744x_{17} - 0.569231x_{24} - 0.123077x_{18} + 3.384615x_4 - 3.$
$x_{23}$	7.49230769231	$-1.784615x_1 + 0.769231x_{16} - 1.276923x_3 - 0.061538x_{17} + 0.184615x_{24} - 0.338462x_{18} + 1.307692x_4 - 4.$
$x_5$	1.00512820513	$+0.523077x_1 + 0.153846x_{16} + 0.184615x_3 + 0.041026x_{17} - 0.123077x_{24} - 0.107692x_{18} + 0.461538x_4 - 0.$
$x_{25}$	0.841025641026	$+3.784615x_1 + 0.230769x_{16} + 3.276923x_3 + 0.728205x_{17} - 0.184615x_{24} + 0.338462x_{18} + 2.692308x_4 - 0.$
$x_{26}$	6.26666666667	$+0.200000x_1 + 2.600000x_3 - 0.866667x_{17} - 0.400000x_{24} + 0.400000x_{18} - 5.000000x_4 - 1.$
$x_{27}$	14.3076923077	$-2.615385x_1 - 0.769231x_{16} - 2.923077x_3 - 0.538462x_{17} + 0.615385x_{24} - 0.461538x_{18} - 2.307692x_4 - 1.$
$x_{28}$	6.2358974359	$+1.061538x_1 - 0.923077x_{16} - 0.507692x_3 + 0.887179x_{17} + 0.338462x_{24} - 0.953846x_{18} + 0.230769x_4 + 1.$
$x_{29}$	1.4358974359	$-1.538462x_1 + 0.076923x_{16} + 1.692308x_3 + 0.487179x_{17} + 0.538462x_{24} - 0.153846x_{18} + 4.230769x_4 + 0.$
$z$	1.95897435897	$-1.184615x_1 - 0.230769x_{16} - 2.476923x_3 - 0.328205x_{17} - 0.015385x_{24} - 0.138462x_{18} - 0.692308x_4 - 3.$

$x_9$  enters and  $x_{29}$  leaves

$x_{15}$	13.0042105263	$+5.052632x_1 - 0.692632x_{16} - 5.637895x_3 + 0.080000x_{17} - 0.248421x_{24} - 1.214737x_{18} - 1.094737x_4 + 2.$
$x_2$	1.12	$+1.000000x_1 - 0.240000x_{16} - 0.680000x_3 + 0.280000x_{17} - 0.080000x_{24} - 0.120000x_{18} - 0.200000x_4 + 0.$
$x_7$	1.84631578947	$-0.421053x_1 - 0.218947x_{16} - 0.216842x_3 + 0.080000x_{17} + 0.067368x_{24} - 0.162105x_{18} - 0.042105x_4 + 0.$
$x_6$	1.06526315789	$+0.315789x_1 - 0.235789x_{16} - 0.387368x_3 + 0.240000x_{17} + 0.149474x_{24} - 0.328421x_{18} + 0.031579x_4 + 0.$
$x_{19}$	5.37052631579	$+2.631579x_1 + 0.048421x_{16} - 4.134737x_3 - 0.960000x_{17} + 0.138947x_{24} + 0.103158x_{18} - 8.336842x_4 + 1.$
$x_{20}$	0.637894736842	$-1.526316x_1 - 0.433684x_{16} - 1.141053x_3 + 0.120000x_{17} + 0.364211x_{24} + 0.467368x_{18} + 3.147368x_4 + 1.$
$x_{21}$	10.56	$+5.000000x_1 - 1.120000x_{16} - 0.840000x_3 + 0.640000x_{17} - 0.040000x_{24} - 0.560000x_{18} - 6.600000x_4 + 2.$
$x_{22}$	12.2926315789	$+3.157895x_1 + 0.362105x_{16} - 1.833684x_3 - 0.440000x_{17} - 1.265263x_{24} + 0.075789x_{18} - 2.084211x_4 - 4.$
$x_{23}$	8.97052631579	$-3.368421x_1 + 0.848421x_{16} + 0.465263x_3 + 0.440000x_{17} + 0.738947x_{24} - 0.496842x_{18} + 5.663158x_4 - 3.$
$x_5$	1.00210526316	$+0.526316x_1 + 0.153684x_{16} + 0.181053x_3 + 0.040000x_{17} - 0.124211x_{24} - 0.107368x_{18} + 0.452632x_4 - 0.$
$x_{25}$	1.52421052632	$+3.052632x_1 + 0.267368x_{16} + 4.082105x_3 + 0.960000x_{17} + 0.071579x_{24} + 0.265263x_{18} + 4.705263x_4 - 0.$
$x_{26}$	7.87789473684	$-1.526316x_1 + 0.086316x_{16} + 4.498947x_3 - 0.320000x_{17} + 0.204211x_{24} + 0.227368x_{18} - 0.252632x_4 - 0.$
$x_{27}$	15.8947368421	$-4.315789x_1 - 0.684211x_{16} - 1.052632x_3 + 1.210526x_{24} - 0.631579x_{18} + 2.368421x_4 - 0.$
$x_{28}$	7.27578947368	$-0.052632x_1 - 0.867368x_{16} + 0.717895x_3 + 1.240000x_{17} + 0.728421x_{24} - 1.065263x_{18} + 3.294737x_4 + 1.$
$x_9$	0.589473684211	$-0.631579x_1 + 0.031579x_{16} + 0.694737x_3 + 0.200000x_{17} + 0.221053x_{24} - 0.063158x_{18} + 1.736842x_4 + 0.$
$z$	2.57263157895	$-1.842105x_1 - 0.197895x_{16} - 1.753684x_3 - 0.120000x_{17} + 0.214737x_{24} - 0.204211x_{18} + 1.115789x_4 - 2.$

$x_4$  enters and  $x_{19}$  leaves

$x_{15}$	12.298989899	$+4.707071x_1 - 0.698990x_{16} - 5.094949x_3 + 0.206061x_{17} - 0.266667x_{24} - 1.228283x_{18} + 0.131313x_{19} + 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_2$	0.991161616162	$+0.936869x_1 - 0.241162x_{16} - 0.580808x_3 + 0.303030x_{17} - 0.083333x_{24} - 0.122475x_{18} + 0.023990x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_7$	1.81919191919	$-0.434343x_1 - 0.219192x_{16} - 0.195960x_3 + 0.084848x_{17} + 0.066667x_{24} - 0.162626x_{18} + 0.005051x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_6$	1.08560606061	$+0.325758x_1 - 0.235606x_{16} - 0.403030x_3 + 0.236364x_{17} + 0.150000x_{24} - 0.328030x_{18} - 0.003788x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_4$	0.644191919192	$+0.315657x_1 + 0.005808x_{16} - 0.495960x_3 - 0.115152x_{17} + 0.016667x_{24} + 0.012374x_{18} - 0.119949x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{20}$	2.6654040404	$-0.532828x_1 - 0.415404x_{16} - 2.702020x_3 - 0.242424x_{17} + 0.416667x_{24} + 0.506313x_{18} - 0.377525x_{19} + 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{21}$	6.30833333333	$+2.916667x_1 - 1.158333x_{16} + 2.433333x_3 + 1.400000x_{17} - 0.150000x_{24} - 0.641667x_{18} + 0.791667x_{19} + 1.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{22}$	10.95	$+2.500000x_1 + 0.350000x_{16} - 0.800000x_3 - 0.200000x_{17} - 1.300000x_{24} + 0.050000x_{18} + 0.250000x_{19} - 4.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{23}$	12.6186868687	$-1.580808x_1 + 0.881313x_{16} - 2.343434x_3 - 0.212121x_{17} + 0.833333x_{24} - 0.426768x_{18} - 0.679293x_{19} - 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_5$	1.29368686869	$+0.669192x_1 + 0.156313x_{16} - 0.043434x_3 - 0.012121x_{17} - 0.116667x_{24} - 0.101768x_{18} - 0.054293x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{25}$	4.5553030303	$+4.537879x_1 + 0.294697x_{16} + 1.748485x_3 + 0.418182x_{17} + 0.150000x_{24} + 0.323485x_{18} - 0.564394x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{26}$	7.71515151515	$-1.606061x_1 + 0.084848x_{16} + 4.624242x_3 - 0.290909x_{17} + 0.200000x_{24} + 0.224242x_{18} + 0.030303x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{27}$	17.4204545455	$-3.568182x_1 - 0.670455x_{16} - 2.227273x_3 - 0.272727x_{17} + 1.250000x_{24} - 0.602273x_{18} - 0.284091x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{28}$	9.39823232323	$+0.987374x_1 - 0.848232x_{16} - 0.916162x_3 + 0.860606x_{17} + 0.783333x_{24} - 1.024495x_{18} - 0.395202x_{19} + 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_9$	1.70833333333	$-0.083333x_1 + 0.041667x_{16} - 0.166667x_3 + 0.250000x_{24} - 0.041667x_{18} - 0.208333x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$z$	3.29141414141	$-1.489899x_1 - 0.191414x_{16} - 2.307071x_3 - 0.248485x_{17} + 0.233333x_{24} - 0.190404x_{18} - 0.133838x_{19} - 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$

$x_{11}$  enters and  $x_{20}$  leaves

$x_{15}$	20.1508958838	$+3.137433x_1 - 1.922712x_{16} - 13.054722x_3 - 0.508087x_{17} + 0.960775x_{24} + 0.263245x_{18} - 0.980823x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_2$	2.09733656174	$+0.715738x_1 - 0.413559x_{16} - 1.702179x_3 + 0.202421x_{17} + 0.089588x_{24} + 0.087651x_{18} - 0.132688x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_7$	2.39641646489	$-0.549734x_1 - 0.309153x_{16} - 0.781114x_3 + 0.032349x_{17} + 0.156901x_{24} - 0.052978x_{18} - 0.076707x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_6$	2.49278450363	$+0.044455x_1 - 0.454915x_{16} - 1.829540x_3 + 0.108378x_{17} + 0.369976x_{24} - 0.060726x_{18} - 0.203099x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_4$	0.633607748184	$+0.317772x_1 + 0.007458x_{16} - 0.485230x_3 - 0.114189x_{17} + 0.015012x_{24} + 0.010363x_{18} - 0.118450x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{11}$	1.02227602906	$-0.204358x_1 - 0.159322x_{16} - 1.036320x_3 - 0.092978x_{17} + 0.159806x_{24} + 0.194189x_{18} - 0.144794x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{21}$	13.5750121065	$+1.464019x_1 - 2.290847x_{16} - 4.933172x_3 + 0.739080x_{17} + 0.985956x_{24} + 0.738692x_{18} - 0.237579x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{22}$	14.5790799031	$+1.774528x_1 - 0.215593x_{16} - 4.478935x_3 - 0.530073x_{17} - 0.732688x_{24} + 0.739370x_{18} - 0.264019x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{23}$	10.8348668281	$-1.224213x_1 + 1.159322x_{16} - 0.535109x_3 - 0.049879x_{17} + 0.554479x_{24} - 0.765617x_{18} - 0.426634x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_5$	1.63108958838	$+0.601743x_1 + 0.103729x_{16} - 0.385472x_3 - 0.042809x_{17} - 0.063923x_{24} - 0.037676x_{18} - 0.102082x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{25}$	3.8404842615	$+4.680775x_1 + 0.406102x_{16} + 2.473123x_3 + 0.483196x_{17} + 0.038257x_{24} + 0.187700x_{18} - 0.463148x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{26}$	2.18246973366	$-0.500048x_1 + 0.947119x_{16} + 10.232930x_3 + 0.212300x_{17} - 0.664891x_{24} - 0.826731x_{18} + 0.813947x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{27}$	16.6421307506	$-3.412591x_1 - 0.549153x_{16} - 1.438257x_3 - 0.201937x_{17} + 1.128329x_{24} - 0.750121x_{18} - 0.173850x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_{28}$	11.2551089588	$+0.616174x_1 - 1.137627x_{16} - 2.798547x_3 + 0.691719x_{17} + 1.073608x_{24} - 0.671768x_{18} - 0.658208x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$x_9$	1.41016949153	$-0.023729x_1 + 0.088136x_{16} + 0.135593x_3 + 0.027119x_{17} + 0.203390x_{24} - 0.098305x_{18} - 0.166102x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$
$z$	3.32910411622	$-1.497433x_1 - 0.197288x_{16} - 2.345278x_3 - 0.251913x_{17} + 0.239225x_{24} - 0.183245x_{18} - 0.139177x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{26} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_{29}$

$x_{12}$  enters and  $x_{26}$  leaves

$x_{15}$	21.6533022895	$+2.793201x_1 - 1.270718x_{16} - 6.010400x_3 - 0.361940x_{17} + 0.503066x_{24} - 0.305875x_{18} - 0.420504x_{19} + 5.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_2$	2.41407838572	$+0.643166x_1 - 0.276104x_{16} - 0.217074x_3 + 0.233232x_{17} - 0.006907x_{24} - 0.032332x_{18} - 0.014560x_{19} + 1.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_7$	2.33289871944	$-0.535180x_1 - 0.336717x_{16} - 1.078929x_3 + 0.026170x_{17} + 0.176251x_{24} - 0.028917x_{18} - 0.100396x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_6$	2.86118742724	$-0.039953x_1 - 0.295041x_{16} - 0.102212x_3 + 0.144214x_{17} + 0.257742x_{24} - 0.200279x_{18} - 0.065704x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_4$	0.624291812185	$+0.319907x_1 + 0.003415x_{16} - 0.528910x_3 - 0.115095x_{17} + 0.017850x_{24} + 0.013892x_{18} - 0.121925x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{11}$	1.17133100504	$-0.238510x_1 - 0.094637x_{16} - 0.337447x_3 - 0.078479x_{17} + 0.114397x_{24} + 0.137726x_{18} - 0.089205x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{21}$	16.3367636787	$+0.831246x_1 - 1.092340x_{16} + 8.015832x_3 + 1.007730x_{17} + 0.144587x_{24} - 0.307474x_{18} + 0.792410x_{19} + 0.000000x_{20} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{22}$	13.8490492821	$+1.941793x_1 - 0.532402x_{16} - 7.901824x_3 - 0.601087x_{17} - 0.510283x_{24} + 1.015910x_{18} - 0.536282x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{23}$	10.1861389212	$-1.075576x_1 + 0.877796x_{16} - 3.576795x_3 - 0.112984x_{17} + 0.752115x_{24} - 0.519876x_{18} - 0.668576x_{19} - 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_5$	1.50151338766	$+0.631432x_1 + 0.047497x_{16} - 0.993015x_3 - 0.055413x_{17} - 0.024447x_{24} + 0.011409x_{18} - 0.150407x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{25}$	3.78289483896	$+4.693970x_1 + 0.381110x_{16} + 2.203104x_3 + 0.477594x_{17} + 0.055801x_{24} + 0.209515x_{18} - 0.484626x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{12}$	0.34977105161	$-0.080140x_1 + 0.151789x_{16} + 1.639969x_3 + 0.034024x_{17} - 0.106558x_{24} - 0.132495x_{18} + 0.130446x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{27}$	15.8291036088	$-3.226310x_1 - 0.901979x_{16} - 5.250291x_3 - 0.281024x_{17} + 1.376019x_{24} - 0.442142x_{18} - 0.477066x_{19} + 1.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{28} - 0.000000x_9$
$x_{28}$	11.6268994955	$+0.530990x_1 - 0.976282x_{16} - 1.055336x_3 + 0.727885x_{17} + 0.960341x_{24} - 0.812604x_{18} - 0.519550x_{19} + 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_9$	1.25010477299	$+0.012945x_1 + 0.018673x_{16} - 0.614901x_3 + 0.011548x_{17} + 0.252154x_{24} - 0.037672x_{18} - 0.225797x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$z$	3.57555296857	$-1.553900x_1 - 0.090338x_{16} - 1.189756x_3 - 0.227939x_{17} + 0.164144x_{24} - 0.276601x_{18} - 0.047264x_{19} - 3.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$

$x_{20}$  enters and  $x_{11}$  leaves

$x_{15}$	14.3040575244	$+4.289676x_1 - 0.676939x_{16} - 3.893169x_3 + 0.130457x_{17} - 0.214689x_{24} - 1.170005x_{18} + 0.139188x_{19} + 1.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_2$	1.86293014895	$+0.755393x_1 - 0.231574x_{16} - 0.058295x_3 + 0.270159x_{17} - 0.060734x_{24} - 0.097137x_{18} + 0.027414x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_7$	0.991011813046	$-0.261941x_1 - 0.228300x_{16} - 0.692347x_3 + 0.116076x_{17} + 0.045198x_{24} - 0.186697x_{18} + 0.001798x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_6$	2.00096302003	$+0.135208x_1 - 0.225539x_{16} + 0.145609x_3 + 0.201849x_{17} + 0.173729x_{24} - 0.301425x_{18} - 0.000193x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_4$	0.600603492553	$+0.324730x_1 + 0.005329x_{16} - 0.522085x_3 - 0.113508x_{17} + 0.015537x_{24} + 0.011107x_{18} - 0.120121x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{20}$	4.84482537237	$-0.986518x_1 - 0.391436x_{16} - 1.395737x_3 - 0.324602x_{17} + 0.473164x_{24} + 0.569658x_{18} - 0.368965x_{19} + 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{21}$	15.8541987673	$+0.929507x_1 - 1.053351x_{16} + 8.154854x_3 + 1.040062x_{17} + 0.097458x_{24} - 0.364214x_{18} + 0.829160x_{19} + 0.000000x_{20} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{22}$	3.88867488444	$+3.969954x_1 + 0.272342x_{16} - 5.032357x_3 + 0.066256x_{17} - 1.483051x_{24} - 0.155239x_{18} + 0.222265x_{19} - 4.000000x_{20} - 0.000000x_{21} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{23}$	10.4392655367	$-1.127119x_1 + 0.857345x_{16} - 3.649718x_3 - 0.129944x_{17} + 0.776836x_{24} - 0.490113x_{18} - 0.687853x_{19} - 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_5$	0.291153055984	$+0.877889x_1 + 0.145288x_{16} - 0.644325x_3 + 0.025681x_{17} - 0.142655x_{24} - 0.130907x_{18} - 0.058231x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{25}$	4.81683359014	$+4.483436x_1 + 0.297573x_{16} + 1.905239x_3 + 0.408320x_{17} + 0.156780x_{24} + 0.331086x_{18} - 0.563367x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{12}$	1.96147919877	$-0.408320x_1 + 0.021572x_{16} + 1.175655x_3 - 0.073960x_{17} + 0.050847x_{24} + 0.057011x_{18} + 0.007704x_{19} - 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_{27}$	13.4974961479	$-2.751541x_1 - 0.713598x_{16} - 4.578582x_3 - 0.124807x_{17} + 1.148305x_{24} - 0.716294x_{18} - 0.299499x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{28} - 0.000000x_9$
$x_{28}$	9.96488186954	$+0.869414x_1 - 0.842001x_{16} - 0.576528x_3 + 0.839240x_{17} + 0.798023x_{24} - 1.008025x_{18} - 0.392976x_{19} + 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$x_9$	1.05450693374	$+0.052773x_1 + 0.034476x_{16} - 0.558552x_3 + 0.024653x_{17} + 0.233051x_{24} - 0.060670x_{18} - 0.210901x_{19} + 0.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$
$z$	4.64265536723	$-1.771186x_1 - 0.176554x_{16} - 1.497175x_3 - 0.299435x_{17} + 0.268362x_{24} - 0.151130x_{18} - 0.128531x_{19} - 2.000000x_{20} - 0.000000x_{21} - 0.000000x_{22} - 0.000000x_{23} - 0.000000x_{25} - 0.000000x_{12} - 0.000000x_{27} - 0.000000x_{28} - 0.000000x_9$

$x_{24}$  enters and  $x_5$  leaves

$x_{15}$	13.8658865887	$+2.968497x_1 - 0.895590x_{16} - 2.923492x_3 + 0.091809x_{17} + 1.504950x_5 - 0.972997x_{18} + 0.226823x_{19} + 2.000000x_{20}$
$x_2$	1.73897389739	$+0.381638x_1 - 0.293429x_{16} + 0.216022x_3 + 0.259226x_{17} + 0.425743x_5 - 0.041404x_{18} + 0.052205x_{19} + 0.000000x_{20}$
$x_7$	1.08325832583	$+0.016202x_1 - 0.182268x_{16} - 0.896490x_3 + 0.124212x_{17} - 0.316832x_5 - 0.228173x_{18} - 0.016652x_{19} + 0.000000x_{20}$
$x_6$	2.3553555356	$+1.204320x_1 - 0.048605x_{16} - 0.639064x_3 + 0.233123x_{17} - 1.217822x_5 - 0.460846x_{18} - 0.071107x_{19} + 0.000000x_{20}$
$x_4$	0.632313231323	$+0.420342x_1 + 0.021152x_{16} - 0.592259x_3 - 0.110711x_{17} - 0.108911x_5 - 0.003150x_{18} - 0.126463x_{19} + 0.000000x_{20}$
$x_{20}$	5.81053105311	$+1.925293x_1 + 0.090459x_{16} - 3.532853x_3 - 0.239424x_{17} - 3.316832x_5 + 0.135464x_{18} - 0.562106x_{19} + 1.000000x_{20}$
$x_{21}$	16.0531053105	$+1.529253x_1 - 0.954095x_{16} + 7.714671x_3 + 1.057606x_{17} - 0.683168x_5 - 0.453645x_{18} + 0.789379x_{19} + 0.000000x_{20}$
$x_{22}$	0.861836183618	$-5.156616x_1 - 1.238074x_{16} + 1.666067x_3 - 0.200720x_{17} + 10.396040x_5 + 1.205671x_{18} + 0.827633x_{19} - 2.000000x_{20}$
$x_{23}$	12.0247524752	$+3.653465x_1 + 1.648515x_{16} - 7.158416x_3 + 0.009901x_{17} - 5.445545x_5 - 1.202970x_{18} - 1.004950x_{19} - 3.000000x_{20}$
$x_{24}$	2.04095409541	$+6.153915x_1 + 1.018452x_{16} - 4.516652x_3 + 0.180018x_{17} - 7.009901x_5 - 0.917642x_{18} - 0.408191x_{19} - 1.000000x_{20}$
$x_{25}$	5.13681368137	$+5.448245x_1 + 0.457246x_{16} + 1.197120x_3 + 0.436544x_{17} - 1.099010x_5 + 0.187219x_{18} - 0.627363x_{19} + 0.000000x_{20}$
$x_{12}$	2.06525652565	$-0.095410x_1 + 0.073357x_{16} + 0.945995x_3 - 0.064806x_{17} - 0.356436x_5 + 0.010351x_{18} - 0.013051x_{19} - 0.000000x_{20}$
$x_{27}$	15.8411341134	$+4.315032x_1 + 0.455896x_{16} - 9.765077x_3 + 0.081908x_{17} - 8.049505x_5 - 1.770027x_{18} - 0.768227x_{19} - 1.000000x_{20}$
$x_{28}$	11.5936093609	$+5.780378x_1 - 0.029253x_{16} - 4.180918x_3 + 0.982898x_{17} - 5.594059x_5 - 1.740324x_{18} - 0.718722x_{19} + 1.000000x_{20}$
$x_9$	1.5301530153	$+1.486949x_1 + 0.271827x_{16} - 1.611161x_3 + 0.066607x_{17} - 1.633663x_5 - 0.274527x_{18} - 0.306031x_{19} + 0.000000x_{20}$
$z$	5.1903690369	$-0.119712x_1 + 0.096760x_{16} - 2.709271x_3 - 0.251125x_{17} - 1.881188x_5 - 0.397390x_{18} - 0.238074x_{19} - 3.000000x_{20}$

$x_{11}$  enters and  $x_{22}$  leaves

$x_{15}$	15.6824120603	$-7.900302x_1 - 3.505126x_{16} + 0.588141x_3 - 0.331256x_{17} + 23.417085x_5 + 1.568241x_{18} + 1.971256x_{19} - 1.000000x_{20}$
$x_2$	1.75075376884	$+0.311156x_1 - 0.310352x_{16} + 0.238794x_3 + 0.256482x_{17} + 0.567839x_5 - 0.024925x_{18} + 0.063518x_{19} - 0.000000x_{20}$
$x_7$	1.65025125628	$-3.376281x_1 - 0.996784x_{16} + 0.199598x_3 - 0.007839x_{17} + 6.522613x_5 + 0.565025x_{18} + 0.527839x_{19} - 0.000000x_{20}$
$x_6$	3.12261306533	$-3.385327x_1 - 1.150553x_{16} + 0.843819x_3 + 0.054472x_{17} + 8.035176x_5 + 0.612261x_{18} + 0.665528x_{19} - 0.000000x_{20}$
$x_4$	0.683417085427	$+0.114573x_1 - 0.052261x_{16} - 0.493467x_3 - 0.122613x_{17} + 0.507538x_5 + 0.068342x_{18} - 0.077387x_{19} - 0.000000x_{20}$
$x_{20}$	5.53768844221	$+3.557789x_1 + 0.482412x_{16} - 4.060302x_3 - 0.175879x_{17} - 6.608040x_5 - 0.246231x_{18} - 0.824121x_{19} - 0.000000x_{20}$
$x_{21}$	16.4834170854	$-1.045427x_1 - 1.572261x_{16} + 8.546533x_3 + 0.957387x_{17} + 4.507538x_5 + 0.148342x_{18} + 1.202613x_{19} - 0.000000x_{20}$
$x_{11}$	0.384924623116	$-2.303116x_1 - 0.552965x_{16} + 0.744121x_3 - 0.089648x_{17} + 4.643216x_5 + 0.538492x_{18} + 0.369648x_{19} - 0.000000x_{20}$
$x_{23}$	14.1075376884	$-8.808442x_1 - 1.343518x_{16} - 3.132060x_3 - 0.475176x_{17} + 19.678392x_5 + 1.710754x_{18} + 0.995176x_{19} - 0.000000x_{20}$
$x_{24}$	4.82914572864	$-10.528643x_1 - 2.986935x_{16} + 0.873367x_3 - 0.469347x_{17} + 26.623116x_5 + 2.982915x_{18} + 2.269347x_{19} - 0.000000x_{20}$
$x_{25}$	5.23417085427	$+4.865729x_1 + 0.317387x_{16} + 1.385327x_3 + 0.413869x_{17} + 0.075377x_5 + 0.323417x_{18} - 0.533869x_{19} - 0.000000x_{20}$
$x_{12}$	1.67738693467	$+2.225327x_1 + 0.630553x_{16} + 0.196181x_3 + 0.025528x_{17} - 5.035176x_5 - 0.532261x_{18} - 0.385528x_{19} - 0.000000x_{20}$
$x_{27}$	19.8090452261	$-19.426131x_1 - 5.244221x_{16} - 2.094472x_3 - 0.842211x_{17} + 39.814070x_5 + 3.780905x_{18} + 3.042211x_{19} - 0.000000x_{20}$
$x_{28}$	14.3648241206	$-10.800603x_1 - 4.010251x_{16} + 1.176281x_3 + 0.337487x_{17} + 27.834171x_5 + 2.136482x_{18} + 1.942513x_{19} - 0.000000x_{20}$
$x_9$	2.24422110553	$-2.785528x_1 - 0.753970x_{16} - 0.230754x_3 - 0.099698x_{17} + 6.979899x_5 + 0.724422x_{18} + 0.379698x_{19} - 0.000000x_{20}$
$z$	5.58793969849	$-2.498492x_1 - 0.474372x_{16} - 1.940704x_3 - 0.343719x_{17} + 2.914573x_5 + 0.158794x_{18} + 0.143719x_{19} - 0.000000x_{20}$

$x_5$  enters and  $x_{12}$  leaves

$x_{15}$	23.4834331337	$+2.449022x_1 - 0.572615x_{16} + 1.500519x_3 - 0.212535x_{17} - 4.650699x_{12} - 0.907146x_{18} + 0.178283x_{19} + 1.000000x_{20}$
$x_2$	1.93992015968	$+0.562116x_1 - 0.239242x_{16} + 0.260918x_3 + 0.259361x_{17} - 0.112774x_{12} - 0.084950x_{18} + 0.020040x_{19} + 0.000000x_{20}$
$x_7$	3.82315369261	$-0.493573x_1 - 0.179960x_{16} + 0.453733x_3 + 0.025230x_{17} - 1.295409x_{12} - 0.124471x_{18} + 0.028423x_{19} - 0.000000x_{20}$
$x_6$	5.7994011976	$+0.165868x_1 - 0.144311x_{16} + 1.156886x_3 + 0.095210x_{17} - 1.595808x_{12} - 0.237126x_{18} + 0.050299x_{19} - 0.000000x_{20}$
$x_4$	0.85249500998	$+0.338882x_1 + 0.011297x_{16} - 0.473693x_3 - 0.120040x_{17} - 0.100798x_{12} + 0.014691x_{18} - 0.116248x_{19} + 0.000000x_{20}$
$x_{20}$	3.33632734531	$+0.637325x_1 - 0.345110x_{16} - 4.317764x_3 - 0.209381x_{17} + 1.312375x_{12} + 0.452295x_{18} - 0.318164x_{19} + 1.000000x_{20}$
$x_{21}$	17.9850299401	$+0.946707x_1 - 1.007784x_{16} + 8.722156x_3 + 0.980240x_{17} - 0.895210x_{12} - 0.328144x_{18} + 0.857485x_{19} - 0.000000x_{20}$
$x_{11}$	1.93173652695	$-0.251018x_1 + 0.028503x_{16} + 0.925030x_3 - 0.066108x_{17} - 0.922156x_{12} + 0.047665x_{18} + 0.014132x_{19} - 0.000000x_{20}$
$x_{23}$	20.6630738523	$-0.111457x_1 + 1.120798x_{16} - 2.365349x_3 - 0.375409x_{17} - 3.908184x_{12} - 0.369421x_{18} - 0.511537x_{19} - 5.000000x_{20}$
$x_{24}$	13.6982035928	$+1.237605x_1 + 0.347066x_{16} + 1.910659x_3 - 0.334371x_{17} - 5.287425x_{12} + 0.168623x_{18} + 0.230898x_{19} - 4.000000x_{20}$
$x_{25}$	5.25928143713	$+4.899042x_1 + 0.326826x_{16} + 1.388263x_3 + 0.414251x_{17} - 0.014970x_{12} + 0.315449x_{18} - 0.539641x_{19} + 0.000000x_{20}$
$x_5$	0.333133732535	$+0.441956x_1 + 0.125230x_{16} + 0.038962x_3 + 0.005070x_{17} - 0.198603x_{12} - 0.105709x_{18} - 0.076567x_{19} + 0.000000x_{20}$
$x_{27}$	33.0724550898	$-1.830060x_1 - 0.258323x_{16} - 0.543234x_3 - 0.640359x_{17} - 7.907186x_{12} - 0.427784x_{18} - 0.006228x_{19} - 5.000000x_{20}$
$x_{28}$	23.6373253493	$+1.500878x_1 - 0.524591x_{16} + 2.260758x_3 + 0.478603x_{17} - 5.527944x_{12} - 0.805828x_{18} - 0.188663x_{19} - 1.000000x_{20}$
$x_9$	4.56946107784	$+0.299281x_1 + 0.120120x_{16} + 0.041198x_3 - 0.064311x_{17} - 1.386228x_{12} - 0.013413x_{18} - 0.154731x_{19} - 0.000000x_{20}$
$z$	6.55888223553	$-1.210379x_1 - 0.109381x_{16} - 1.827146x_3 - 0.328942x_{17} - 0.578842x_{12} - 0.149301x_{18} - 0.079441x_{19} - 3.000000x_{20}$

$x_{10}$  enters and  $x_2$  leaves

$x_{15}$	20.787433653	$+1.667823x_1 - 0.240129x_{16} + 1.137909x_3 - 0.572982x_{17} - 4.493971x_{12} - 0.789087x_{18} + 0.150433x_{19} - 0.000000x_{20}$
$x_{10}$	1.13127386163	$+0.327801x_1 - 0.139515x_{16} + 0.152156x_3 + 0.151248x_{17} - 0.065765x_{12} - 0.049539x_{18} + 0.011686x_{19} + 0.000000x_{20}$
$x_7$	2.43735450228	$-0.895125x_1 - 0.009056x_{16} + 0.267343x_3 - 0.160047x_{17} - 1.214848x_{12} - 0.063786x_{18} + 0.014107x_{19} - 1.000000x_{20}$
$x_6$	4.59903156719	$-0.181954x_1 + 0.003725x_{16} + 0.995437x_3 - 0.065276x_{17} - 1.526027x_{12} - 0.184561x_{18} + 0.037899x_{19} - 1.000000x_{20}$
$x_4$	1.76636558339	$+0.603687x_1 - 0.101406x_{16} - 0.350778x_3 + 0.002142x_{17} - 0.153925x_{12} - 0.025328x_{18} - 0.106807x_{19} + 0.000000x_{20}$
$x_{20}$	6.54769997206	$+1.567860x_1 - 0.741154x_{16} - 3.885837x_3 + 0.219969x_{17} + 1.125687x_{12} + 0.311668x_{18} - 0.284989x_{19} + 2.000000x_{20}$
$x_{21}$	9.69624732284	$-1.455070x_1 + 0.014433x_{16} + 7.607319x_3 - 0.127945x_{17} - 0.413353x_{12} + 0.034826x_{18} + 0.771860x_{19} - 4.000000x_{20}$
$x_{11}$	2.15473973368	$-0.186400x_1 + 0.001001x_{16} + 0.955024x_3 - 0.036293x_{17} - 0.935120x_{12} + 0.037899x_{18} + 0.016435x_{19} - 0.000000x_{20}$
$x_{23}$	28.2880854828	$+2.097984x_1 + 0.180440x_{16} - 1.339790x_3 + 0.644031x_{17} - 4.351453x_{12} - 0.703324x_{18} - 0.432768x_{19} - 2.000000x_{20}$
$x_{24}$	18.8757798678	$+2.737871x_1 - 0.291461x_{16} + 2.607040x_3 + 0.357855x_{17} - 5.588416x_{12} - 0.058106x_{18} + 0.284384x_{19} - 2.000000x_{20}$
$x_{25}$	7.2126594655	$+5.465057x_1 + 0.085925x_{16} + 1.650992x_3 + 0.675412x_{17} - 0.128527x_{12} + 0.229910x_{18} - 0.519462x_{19} + 1.000000x_{20}$
$x_5$	0.24976720365	$+0.417800x_1 + 0.135511x_{16} + 0.027749x_3 - 0.006076x_{17} - 0.193756x_{12} - 0.102058x_{18} - 0.077428x_{19} + 0.000000x_{20}$
$x_{27}$	36.6364419406	$-0.797351x_1 - 0.697854x_{16} - 0.063879x_3 - 0.163865x_{17} - 8.114373x_{12} - 0.583853x_{18} + 0.030589x_{19} - 3.000000x_{20}$
$x_{28}$	16.4354688518	$-0.585948x_1 + 0.363581x_{16} + 1.292113x_3 - 0.484263x_{17} - 5.109275x_{12} - 0.490455x_{18} - 0.263060x_{19} - 5.000000x_{20}$
$x_9$	5.75167613372	$+0.641843x_1 - 0.025677x_{16} + 0.200205x_3 + 0.093747x_{17} - 1.454954x_{12} - 0.065183x_{18} - 0.142518x_{19} + 0.000000x_{20}$
$z$	6.64107458795	$-1.186563x_1 - 0.119518x_{16} - 1.816091x_3 - 0.317953x_{17} - 0.583620x_{12} - 0.152901x_{18} - 0.078592x_{19} - 3.000000x_{20}$

$x_{-1}$  enters and Final Dictionary Solution: 6.64107458795 Num Pivots: 14