

Read in the following dictionary:

x_{16}	67.0	$-8.00x_1$	$-1.00x_2$	$-9.00x_3$	$+1.00x_4$	$-5.00x_5$	$+1.00x_6$	$-4.00x_7$	$-9.00x_8$	$-10.00x_9$	$+9.00x_{10}$
x_{17}	-45.0	$-4.00x_1$	$+2.00x_2$	$+4.00x_3$	$-8.00x_4$	$+4.00x_5$		$+10.00x_7$	$+7.00x_8$	$-2.00x_9$	$+9.00x_{10}$
x_{18}	-17.0	$-4.00x_1$	$+6.00x_2$	$+9.00x_3$	$-6.00x_4$	$-4.00x_5$	$+4.00x_6$	$-3.00x_7$	$+6.00x_8$	$+6.00x_9$	$+1.00x_{10}$
x_{19}	24.0	$-9.00x_1$	$+1.00x_2$	$-3.00x_3$	$-8.00x_4$	$-10.00x_5$	$-5.00x_6$	$+1.00x_7$	$-1.00x_8$	$-8.00x_9$	$-6.00x_{10}$
x_{20}	-50.0	$+9.00x_1$	$-7.00x_2$	$+3.00x_3$	$+5.00x_4$	$-7.00x_5$	$-8.00x_6$	$+6.00x_7$	$-3.00x_8$	$+5.00x_9$	$+7.00x_{10}$
x_{21}	-6.0	$+2.00x_1$	$+9.00x_2$	$+9.00x_3$	$+8.00x_4$	$+10.00x_5$	$-1.00x_6$	$-9.00x_7$	$+7.00x_8$	$+10.00x_9$	$+3.00x_{10}$
x_{22}	-4.0	$-7.00x_1$		$+7.00x_3$	$-6.00x_4$	$-2.00x_5$	$-8.00x_6$	$+1.00x_7$	$+5.00x_8$	$+1.00x_9$	$-8.00x_{10}$
x_{23}	5.0	$+3.00x_1$	$+7.00x_2$	$-3.00x_3$	$+7.00x_4$	$-1.00x_5$	$-6.00x_6$	$+9.00x_7$	$-1.00x_8$	$-2.00x_9$	$-3.00x_{10}$
x_{24}	-12.0	$+9.00x_1$	$-9.00x_2$	$-8.00x_3$	$-2.00x_4$	$-10.00x_5$	$+5.00x_6$	$+7.00x_7$	$-2.00x_8$	$-1.00x_9$	$+7.00x_{10}$
x_{25}	-5.0	$+9.00x_1$	$-9.00x_2$	$-5.00x_3$	$+9.00x_4$	$+3.00x_5$	$-7.00x_6$	$+3.00x_7$		$+4.00x_9$	$-5.00x_{10}$
x_{26}	-10.0	$-4.00x_1$	$-2.00x_2$	$-5.00x_3$	$-6.00x_4$	$-1.00x_5$	$-2.00x_6$	$+8.00x_7$	$+8.00x_8$	$+1.00x_9$	$+10.00x_{10}$
x_{27}	-29.0	$-7.00x_1$	$+9.00x_2$	$-7.00x_3$	$+9.00x_4$	$-8.00x_5$	$-7.00x_6$	$+5.00x_7$		$+6.00x_9$	
x_{28}	28.0	$+10.00x_1$	$+1.00x_2$	$-6.00x_3$	$-1.00x_4$	$-10.00x_5$	$-10.00x_6$	$-3.00x_7$	$-5.00x_8$	$-8.00x_9$	$-4.00x_{10}$
x_{29}	-20.0	$-7.00x_1$	$-9.00x_2$		$-4.00x_4$	$-7.00x_5$	$-2.00x_6$	$+10.00x_7$	$-2.00x_8$	$+10.00x_9$	$+3.00x_{10}$
x_{30}	43.0	$-3.00x_1$	$+3.00x_2$	$-5.00x_3$	$+2.00x_4$	$-1.00x_5$	$+5.00x_6$	$-9.00x_7$	$-1.00x_8$	$+2.00x_9$	$-6.00x_{10}$
x_{31}	-4.0	$-7.00x_1$	$-10.00x_2$	$+1.00x_3$	$+7.00x_4$	$-9.00x_5$	$-10.00x_6$	$+1.00x_7$	$-4.00x_8$	$-2.00x_9$	$+5.00x_{10}$
x_{32}	-2.0	$-3.00x_1$	$-6.00x_2$	$+4.00x_3$	$-1.00x_4$	$+9.00x_5$	$-9.00x_6$	$-2.00x_7$	$-1.00x_8$	$+1.00x_9$	$-9.00x_{10}$
z	0.0	$+4.00x_1$	$-2.00x_2$	$-5.00x_3$		$-4.00x_5$		$+1.00x_7$	$-2.00x_8$	$+1.00x_9$	$-1.00x_{10}$

0.1 Initialization Phase: Dual Problem Solving

New Objective in primal was changed to :

$$\max \sum_{j=1}^{15} -x_j$$

Primal variable x_j corresponds to dual variable y_j for $j = 1, \dots, 32$ Dual Dictionary (with objective changed is):

y_1	1.0	$+8.00y_{16}$	$+4.00y_{17}$	$+4.00y_{18}$	$+9.00y_{19}$	$-9.00y_{20}$	$-2.00y_{21}$	$+7.00y_{22}$	$-3.00y_{23}$	$-9.00y_{24}$	$-9.00y_{25}$
y_2	1.0	$+1.00y_{16}$	$-2.00y_{17}$	$-6.00y_{18}$	$-1.00y_{19}$	$+7.00y_{20}$	$-9.00y_{21}$		$-7.00y_{23}$	$+9.00y_{24}$	$+9.00y_{25}$
y_3	1.0	$+9.00y_{16}$	$-4.00y_{17}$	$-9.00y_{18}$	$+3.00y_{19}$	$-3.00y_{20}$	$-9.00y_{21}$	$-7.00y_{22}$	$+3.00y_{23}$	$+8.00y_{24}$	$+5.00y_{25}$
y_4	1.0	$-1.00y_{16}$	$+8.00y_{17}$	$+6.00y_{18}$	$+8.00y_{19}$	$-5.00y_{20}$	$-8.00y_{21}$	$+6.00y_{22}$	$-7.00y_{23}$	$+2.00y_{24}$	$-9.00y_{25}$
y_5	1.0	$+5.00y_{16}$	$-4.00y_{17}$	$+4.00y_{18}$	$+10.00y_{19}$	$+7.00y_{20}$	$-10.00y_{21}$	$+2.00y_{22}$	$+1.00y_{23}$	$+10.00y_{24}$	$-3.00y_{25}$
y_6	1.0	$-1.00y_{16}$		$-4.00y_{18}$	$+5.00y_{19}$	$+8.00y_{20}$	$+1.00y_{21}$	$+8.00y_{22}$	$+6.00y_{23}$	$-5.00y_{24}$	$+7.00y_{25}$
y_7	1.0	$+4.00y_{16}$	$-10.00y_{17}$	$+3.00y_{18}$	$-1.00y_{19}$	$-6.00y_{20}$	$+9.00y_{21}$	$-1.00y_{22}$	$-9.00y_{23}$	$-7.00y_{24}$	$-3.00y_{25}$
y_8	1.0	$+9.00y_{16}$	$-7.00y_{17}$	$-6.00y_{18}$	$+1.00y_{19}$	$+3.00y_{20}$	$-7.00y_{21}$	$-5.00y_{22}$	$+1.00y_{23}$	$+2.00y_{24}$	
y_9	1.0	$+10.00y_{16}$	$+2.00y_{17}$	$-6.00y_{18}$	$+8.00y_{19}$	$-5.00y_{20}$	$-10.00y_{21}$	$-1.00y_{22}$	$+2.00y_{23}$	$+1.00y_{24}$	$-4.00y_{25}$
y_{10}	1.0	$-9.00y_{16}$	$-9.00y_{17}$	$-1.00y_{18}$	$+6.00y_{19}$	$-7.00y_{20}$	$-3.00y_{21}$	$+8.00y_{22}$	$+3.00y_{23}$	$-7.00y_{24}$	$+5.00y_{25}$
y_{11}	1.0	$+1.00y_{16}$	$+8.00y_{17}$	$-1.00y_{18}$		$-1.00y_{20}$	$-2.00y_{21}$	$-3.00y_{22}$		$+10.00y_{24}$	$+4.00y_{25}$
y_{12}	1.0	$-3.00y_{16}$	$+1.00y_{17}$	$+4.00y_{18}$	$+8.00y_{19}$	$-6.00y_{20}$	$-3.00y_{21}$	$-7.00y_{22}$	$-8.00y_{23}$	$-2.00y_{24}$	$-10.00y_{25}$
y_{13}	1.0	$+6.00y_{16}$		$-4.00y_{18}$	$-10.00y_{19}$	$-7.00y_{20}$	$+1.00y_{21}$	$-6.00y_{22}$	$+10.00y_{23}$	$+2.00y_{24}$	$-8.00y_{25}$
y_{14}	1.0	$+4.00y_{16}$	$-4.00y_{17}$	$-2.00y_{18}$	$+7.00y_{19}$	$-4.00y_{20}$	$-5.00y_{21}$	$+5.00y_{22}$	$+1.00y_{23}$		$+4.00y_{25}$
y_{15}	1.0	$-10.00y_{16}$	$+10.00y_{17}$	$-3.00y_{18}$	$+8.00y_{19}$	$-7.00y_{20}$	$+5.00y_{21}$	$-6.00y_{22}$	$-6.00y_{23}$	$+1.00y_{24}$	$+2.00y_{25}$
z	-0	$-67.00y_{16}$	$+45.00y_{17}$	$+17.00y_{18}$	$-24.00y_{19}$	$+50.00y_{20}$	$+6.00y_{21}$	$+4.00y_{22}$	$-5.00y_{23}$	$+12.00y_{24}$	$+5.00y_{25}$

Initialization succeeded in finding final dual dictionary with 18 pivots

y_1	1.44701836899	$+25.38y_{16} - 0.52y_{13} + 0.68y_{10} - 4.17y_{19} - 1.71y_{22} + 0.79y_3 - 0.20y_7 - 1.55y_8 - 7.26y_2$
y_2	0.302087994943	$-21.26y_{16} - 0.56y_{13} - 0.64y_{10} - 9.02y_{19} + 2.96y_{22} - 0.61y_3 + 0.41y_7 + 1.18y_8 + 9.17y_2$
y_{20}	0.0470384810276	$-0.37y_{16} - 0.00y_{13} - 0.04y_{10} + 0.52y_{19} + 0.34y_{22} - 0.05y_3 - 0.02y_7 + 0.09y_8 - 0.19y_2$
y_4	0.881849105754	$+9.66y_{16} - 0.51y_{13} + 0.38y_{10} - 10.50y_{19} - 0.14y_{22} - 0.56y_3 - 0.39y_7 - 0.40y_8 + 8.88y_2$
y_5	0.58060503271	$+27.35y_{16} + 0.09y_{13} + 0.71y_{10} + 6.46y_{19} + 10.69y_{22} - 0.05y_3 - 1.39y_7 + 1.37y_8 + 7.60y_2$
y_6	2.09454833244	$-4.63y_{16} - 0.16y_{13} - 0.12y_{10} + 10.90y_{19} + 2.72y_{22} + 0.06y_3 - 0.09y_7 + 0.11y_8 - 8.49y_2$
y_{17}	0.100223670211	$-0.31y_{16} - 0.02y_{13} - 0.04y_{10} - 0.23y_{19} - 0.33y_{22} + 0.01y_3 - 0.00y_7 - 0.09y_8 - 0.29y_2$
y_{23}	0.00608933226301	$+0.83y_{16} + 0.05y_{13} + 0.05y_{10} + 0.62y_{19} - 0.29y_{22} - 0.04y_3 - 0.05y_7 + 0.02y_8 + 0.13y_2$
y_{27}	0.0505610474278	$+0.67y_{16} - 0.02y_{13} + 0.01y_{10} - 0.12y_{19} - 0.05y_{22} + 0.07y_3 - 0.02y_7 - 0.05y_8 - 0.39y_2$
y_{21}	0.047841134075	$-0.79y_{16} + 0.02y_{13} - 0.05y_{10} + 0.98y_{19} + 0.03y_{22} + 0.01y_3 + 0.06y_7 - 0.04y_8 - 0.09y_2$
y_{11}	1.57486500558	$-3.48y_{16} - 0.22y_{13} - 0.28y_{10} - 4.09y_{19} - 6.30y_{22} + 0.02y_3 + 0.02y_7 - 0.65y_8 + 8.43y_2$
y_{15}	2.02560532003	$-23.71y_{16} - 0.52y_{13} - 0.90y_{10} + 4.98y_{19} - 5.86y_{22} + 1.48y_3 + 0.89y_7 - 2.22y_8 - 7.80y_2$
y_{32}	0.0424524145761	$+0.17y_{16} - 0.03y_{13} + 0.02y_{10} - 0.42y_{19} - 0.90y_{22} - 0.01y_3 + 0.01y_7 - 0.03y_8 + 0.35y_2$
y_{14}	0.523146950197	$+10.79y_{16} - 0.16y_{13} + 0.52y_{10} + 1.14y_{19} + 4.26y_{22} + 0.67y_3 - 0.19y_7 - 0.27y_8 - 1.38y_2$
y_{18}	0.0255339266529	$+2.77y_{16} + 0.01y_{13} + 0.09y_{10} - 0.42y_{19} - 0.52y_{22} - 0.06y_3 - 0.09y_7 + 0.03y_8 + 0.76y_2$
z	9.10384131169	$-41.48y_{16} - 1.87y_{13} - 2.00y_{10} - 17.12y_{19} - 3.78y_{22} - 0.42y_3 - 2.40y_7 - 0.65y_8 - 9.65y_2$

Primal Dictionary is:

x_{16}	41.475060844	$-25.38x_1 + 21.26x_2 + 0.37x_{20} - 9.66x_4 - 27.35x_5 + 4.63x_6 + 0.31x_{17} - 0.83x_{23} - 0.67x_{27}$
x_{13}	1.87359141747	$+0.52x_1 + 0.56x_2 + 0.00x_{20} + 0.51x_4 - 0.09x_5 + 0.16x_6 + 0.02x_{17} - 0.05x_{23} + 0.02x_{27}$
x_{10}	1.99535681885	$-0.68x_1 + 0.64x_2 + 0.04x_{20} - 0.38x_4 - 0.71x_5 + 0.12x_6 + 0.04x_{17} - 0.05x_{23} - 0.01x_{27}$
x_{19}	17.1238661659	$+4.17x_1 + 9.02x_2 - 0.52x_{20} + 10.50x_4 - 6.46x_5 - 10.90x_6 + 0.23x_{17} - 0.62x_{23} + 0.12x_{27}$
x_{22}	3.77670921828	$+1.71x_1 - 2.96x_2 - 0.34x_{20} + 0.14x_4 - 10.69x_5 - 2.72x_6 + 0.33x_{17} + 0.29x_{23} + 0.05x_{27}$
x_3	0.423186419704	$-0.79x_1 + 0.61x_2 + 0.05x_{20} + 0.56x_4 + 0.05x_5 - 0.06x_6 - 0.01x_{17} + 0.04x_{23} - 0.07x_{27}$
x_7	2.4001827206	$+0.20x_1 - 0.41x_2 + 0.02x_{20} + 0.39x_4 + 1.39x_5 + 0.09x_6 + 0.00x_{17} + 0.05x_{23} + 0.02x_{27}$
x_8	0.645951560468	$+1.55x_1 - 1.18x_2 - 0.09x_{20} + 0.40x_4 - 1.37x_5 - 0.11x_6 + 0.09x_{17} - 0.02x_{23} + 0.05x_{27}$
x_{24}	9.64872580244	$+7.26x_1 - 9.17x_2 + 0.19x_{20} - 8.88x_4 - 7.60x_5 + 8.49x_6 + 0.29x_{17} - 0.13x_{23} + 0.39x_{27}$
x_9	1.40887280313	$-0.04x_1 - 1.22x_2 + 0.03x_{20} - 0.83x_4 + 1.82x_5 + 0.02x_6 - 0.07x_{17} + 0.04x_{23} + 0.05x_{27}$
x_{26}	27.2814097463	$+6.21x_1 - 14.79x_2 - 0.44x_{20} - 7.05x_4 - 3.07x_5 - 2.95x_6 + 0.94x_{17} - 0.22x_{23} + 0.77x_{27}$
x_{25}	14.299050236	$+17.79x_1 - 13.87x_2 - 0.17x_{20} + 2.32x_4 + 1.92x_5 + 3.04x_6 + 0.11x_{17} - 0.04x_{23} + 0.85x_{27}$
x_{12}	0.356699571466	$-0.32x_1 + 0.30x_2 + 0.00x_{20} - 0.77x_4 - 1.51x_5 + 0.87x_6 + 0.03x_{17} + 0.00x_{23} - 0.00x_{27}$
x_{29}	25.1952006821	$-6.13x_1 - 21.99x_2 + 0.79x_{20} - 1.80x_4 + 39.06x_5 - 7.67x_6 - 0.93x_{17} + 0.68x_{23} + 0.61x_{27}$
x_{30}	16.7962550984	$-0.54x_1 + 2.66x_2 - 0.44x_{20} - 10.84x_4 - 19.79x_5 + 12.99x_6 - 0.03x_{17} - 0.37x_{23} + 0.39x_{27}$
x_{31}	1.52500996895	$-17.61x_1 - 0.02x_2 + 0.57x_{20} + 5.63x_4 - 9.21x_5 - 9.14x_6 - 0.05x_{17} - 0.08x_{23} - 0.47x_{27}$
x_{28}	1.1323340583	$+13.42x_1 + 12.08x_2 - 0.29x_{20} + 7.29x_4 - 10.63x_5 - 14.62x_6 - 0.07x_{17} - 0.61x_{23} - 0.11x_{27}$
z	-9.10384131169	$-1.45x_1 - 0.30x_2 - 0.05x_{20} - 0.88x_4 - 0.58x_5 - 2.09x_6 - 0.10x_{17} - 0.01x_{23} - 0.05x_{27}$

Primal Dictionary with original objective is:

x_{16}	41.475060844	$-25.38x_1 + 21.26x_2 + 0.37x_{20} - 9.66x_4 - 27.35x_5 + 4.63x_6 + 0.31x_{17} - 0.83x_{23} - 0.67x_{24}$
x_{13}	1.87359141747	$+0.52x_1 + 0.56x_2 + 0.00x_{20} + 0.51x_4 - 0.09x_5 + 0.16x_6 + 0.02x_{17} - 0.05x_{23} + 0.02x_{24}$
x_{10}	1.99535681885	$-0.68x_1 + 0.64x_2 + 0.04x_{20} - 0.38x_4 - 0.71x_5 + 0.12x_6 + 0.04x_{17} - 0.05x_{23} - 0.01x_{24}$
x_{19}	17.1238661659	$+4.17x_1 + 9.02x_2 - 0.52x_{20} + 10.50x_4 - 6.46x_5 - 10.90x_6 + 0.23x_{17} - 0.62x_{23} + 0.12x_{24}$
x_{22}	3.77670921828	$+1.71x_1 - 2.96x_2 - 0.34x_{20} + 0.14x_4 - 10.69x_5 - 2.72x_6 + 0.33x_{17} + 0.29x_{23} + 0.05x_{24}$
x_3	0.423186419704	$-0.79x_1 + 0.61x_2 + 0.05x_{20} + 0.56x_4 + 0.05x_5 - 0.06x_6 - 0.01x_{17} + 0.04x_{23} - 0.07x_{24}$
x_7	2.4001827206	$+0.20x_1 - 0.41x_2 + 0.02x_{20} + 0.39x_4 + 1.39x_5 + 0.09x_6 + 0.00x_{17} + 0.05x_{23} + 0.02x_{24}$
x_8	0.645951560468	$+1.55x_1 - 1.18x_2 - 0.09x_{20} + 0.40x_4 - 1.37x_5 - 0.11x_6 + 0.09x_{17} - 0.02x_{23} + 0.05x_{24}$
x_{24}	9.64872580244	$+7.26x_1 - 9.17x_2 + 0.19x_{20} - 8.88x_4 - 7.60x_5 + 8.49x_6 + 0.29x_{17} - 0.13x_{23} + 0.39x_{24}$
x_9	1.40887280313	$-0.04x_1 - 1.22x_2 + 0.03x_{20} - 0.83x_4 + 1.82x_5 + 0.02x_6 - 0.07x_{17} + 0.04x_{23} + 0.05x_{24}$
x_{26}	27.2814097463	$+6.21x_1 - 14.79x_2 - 0.44x_{20} - 7.05x_4 - 3.07x_5 - 2.95x_6 + 0.94x_{17} - 0.22x_{23} + 0.77x_{24}$
x_{25}	14.299050236	$+17.79x_1 - 13.87x_2 - 0.17x_{20} + 2.32x_4 + 1.92x_5 + 3.04x_6 + 0.11x_{17} - 0.04x_{23} + 0.85x_{24}$
x_{12}	0.356699571466	$-0.32x_1 + 0.30x_2 + 0.00x_{20} - 0.77x_4 - 1.51x_5 + 0.87x_6 + 0.03x_{17} + 0.00x_{23} - 0.00x_{24}$
x_{29}	25.1952006821	$-6.13x_1 - 21.99x_2 + 0.79x_{20} - 1.80x_4 + 39.06x_5 - 7.67x_6 - 0.93x_{17} + 0.68x_{23} + 0.61x_{24}$
x_{30}	16.7962550984	$-0.54x_1 + 2.66x_2 - 0.44x_{20} - 10.84x_4 - 19.79x_5 + 12.99x_6 - 0.03x_{17} - 0.37x_{23} + 0.39x_{24}$
x_{31}	1.52500996895	$-17.61x_1 - 0.02x_2 + 0.57x_{20} + 5.63x_4 - 9.21x_5 - 9.14x_6 - 0.05x_{17} - 0.08x_{23} - 0.47x_{24}$
x_{28}	1.1323340583	$+13.42x_1 + 12.08x_2 - 0.29x_{20} + 7.29x_4 - 10.63x_5 - 14.62x_6 - 0.07x_{17} - 0.61x_{23} - 0.11x_{24}$
z	0.636154474362	$+5.90x_1 - 4.09x_2 - 0.02x_{20} - 3.91x_4 + 0.80x_5 + 1.53x_6 - 0.16x_{17} - 0.04x_{23} + 0.37x_{24}$

1 Optimization Phase Simplex

Starting Dictionary is:

x_{16}	41.475060844	$-25.38x_1 + 21.26x_2 + 0.37x_{20} - 9.66x_4 - 27.35x_5 + 4.63x_6 + 0.31x_{17} - 0.83x_{23} - 0.67x_{24}$
x_{13}	1.87359141747	$+0.52x_1 + 0.56x_2 + 0.00x_{20} + 0.51x_4 - 0.09x_5 + 0.16x_6 + 0.02x_{17} - 0.05x_{23} + 0.02x_{24}$
x_{10}	1.99535681885	$-0.68x_1 + 0.64x_2 + 0.04x_{20} - 0.38x_4 - 0.71x_5 + 0.12x_6 + 0.04x_{17} - 0.05x_{23} - 0.01x_{24}$
x_{19}	17.1238661659	$+4.17x_1 + 9.02x_2 - 0.52x_{20} + 10.50x_4 - 6.46x_5 - 10.90x_6 + 0.23x_{17} - 0.62x_{23} + 0.12x_{24}$
x_{22}	3.77670921828	$+1.71x_1 - 2.96x_2 - 0.34x_{20} + 0.14x_4 - 10.69x_5 - 2.72x_6 + 0.33x_{17} + 0.29x_{23} + 0.05x_{24}$
x_3	0.423186419704	$-0.79x_1 + 0.61x_2 + 0.05x_{20} + 0.56x_4 + 0.05x_5 - 0.06x_6 - 0.01x_{17} + 0.04x_{23} - 0.07x_{24}$
x_7	2.4001827206	$+0.20x_1 - 0.41x_2 + 0.02x_{20} + 0.39x_4 + 1.39x_5 + 0.09x_6 + 0.00x_{17} + 0.05x_{23} + 0.02x_{24}$
x_8	0.645951560468	$+1.55x_1 - 1.18x_2 - 0.09x_{20} + 0.40x_4 - 1.37x_5 - 0.11x_6 + 0.09x_{17} - 0.02x_{23} + 0.05x_{24}$
x_{24}	9.64872580244	$+7.26x_1 - 9.17x_2 + 0.19x_{20} - 8.88x_4 - 7.60x_5 + 8.49x_6 + 0.29x_{17} - 0.13x_{23} + 0.39x_{24}$
x_9	1.40887280313	$-0.04x_1 - 1.22x_2 + 0.03x_{20} - 0.83x_4 + 1.82x_5 + 0.02x_6 - 0.07x_{17} + 0.04x_{23} + 0.05x_{24}$
x_{26}	27.2814097463	$+6.21x_1 - 14.79x_2 - 0.44x_{20} - 7.05x_4 - 3.07x_5 - 2.95x_6 + 0.94x_{17} - 0.22x_{23} + 0.77x_{24}$
x_{25}	14.299050236	$+17.79x_1 - 13.87x_2 - 0.17x_{20} + 2.32x_4 + 1.92x_5 + 3.04x_6 + 0.11x_{17} - 0.04x_{23} + 0.85x_{24}$
x_{12}	0.356699571466	$-0.32x_1 + 0.30x_2 + 0.00x_{20} - 0.77x_4 - 1.51x_5 + 0.87x_6 + 0.03x_{17} + 0.00x_{23} - 0.00x_{24}$
x_{29}	25.1952006821	$-6.13x_1 - 21.99x_2 + 0.79x_{20} - 1.80x_4 + 39.06x_5 - 7.67x_6 - 0.93x_{17} + 0.68x_{23} + 0.61x_{24}$
x_{30}	16.7962550984	$-0.54x_1 + 2.66x_2 - 0.44x_{20} - 10.84x_4 - 19.79x_5 + 12.99x_6 - 0.03x_{17} - 0.37x_{23} + 0.39x_{24}$
x_{31}	1.52500996895	$-17.61x_1 - 0.02x_2 + 0.57x_{20} + 5.63x_4 - 9.21x_5 - 9.14x_6 - 0.05x_{17} - 0.08x_{23} - 0.47x_{24}$
x_{28}	1.1323340583	$+13.42x_1 + 12.08x_2 - 0.29x_{20} + 7.29x_4 - 10.63x_5 - 14.62x_6 - 0.07x_{17} - 0.61x_{23} - 0.11x_{24}$
z	0.636154474362	$+5.90x_1 - 4.09x_2 - 0.02x_{20} - 3.91x_4 + 0.80x_5 + 1.53x_6 - 0.16x_{17} - 0.04x_{23} + 0.37x_{24}$

x_1 enters and x_{31} leaves

x_{16}	39.2765373637	$+1.44x_{31} + 21.28x_2 - 0.45x_{20} - 17.77x_4 - 14.07x_5 + 17.80x_6 + 0.39x_{17} - 0.72x_{23} + 0.02x_{28}$
x_{13}	1.91880334748	$-0.03x_{31} + 0.56x_2 + 0.02x_{20} + 0.68x_4 - 0.36x_5 - 0.11x_6 + 0.02x_{17} - 0.06x_{23} + 0.01x_{28}$
x_{10}	1.93672955691	$+0.04x_{31} + 0.64x_2 + 0.01x_{20} - 0.59x_4 - 0.36x_5 + 0.47x_6 + 0.04x_{17} - 0.04x_{23} + 0.00x_{28}$
x_{19}	17.4847634697	$-0.24x_{31} + 9.01x_2 - 0.38x_{20} + 11.83x_4 - 8.64x_5 - 13.07x_6 + 0.22x_{17} - 0.64x_{23} + 0.01x_{28}$
x_{22}	3.92467639093	$-0.10x_{31} - 2.96x_2 - 0.29x_{20} + 0.69x_4 - 11.58x_5 - 3.61x_6 + 0.32x_{17} + 0.28x_{23} + 0.00x_{28}$
x_3	0.354741641674	$+0.04x_{31} + 0.61x_2 + 0.02x_{20} + 0.31x_4 + 0.46x_5 + 0.35x_6 - 0.01x_{17} + 0.04x_{23} - 0.05x_{28}$
x_7	2.41759895212	$-0.01x_{31} - 0.41x_2 + 0.03x_{20} + 0.46x_4 + 1.28x_5 - 0.02x_6 + 0.00x_{17} + 0.05x_{23} + 0.01x_{28}$
x_8	0.780106312563	$-0.09x_{31} - 1.18x_2 - 0.04x_{20} + 0.89x_4 - 2.18x_5 - 0.92x_6 + 0.08x_{17} - 0.03x_{23} + 0.01x_{28}$
x_{24}	10.2775362608	$-0.41x_{31} - 9.18x_2 + 0.43x_{20} - 6.56x_4 - 11.40x_5 + 4.73x_6 + 0.27x_{17} - 0.16x_{23} + 0.19x_{28}$
x_9	1.40523145286	$+0.00x_{31} - 1.22x_2 + 0.03x_{20} - 0.84x_4 + 1.84x_5 + 0.05x_6 - 0.07x_{17} + 0.04x_{23} + 0.05x_{28}$
x_{26}	27.818899481	$-0.35x_{31} - 14.80x_2 - 0.24x_{20} - 5.07x_4 - 6.32x_5 - 6.17x_6 + 0.92x_{17} - 0.24x_{23} + 0.60x_{28}$
x_{25}	15.8397982606	$-1.01x_{31} - 13.89x_2 + 0.40x_{20} + 8.00x_4 - 7.39x_5 - 6.19x_6 + 0.06x_{17} - 0.12x_{23} + 0.37x_{28}$
x_{12}	0.329348025243	$+0.02x_{31} + 0.30x_2 - 0.01x_{20} - 0.87x_4 - 1.35x_5 + 1.03x_6 + 0.03x_{17} + 0.00x_{23} + 0.01x_{28}$
x_{29}	24.6642610357	$+0.35x_{31} - 21.99x_2 + 0.59x_{20} - 3.76x_4 + 42.27x_5 - 4.48x_6 - 0.91x_{17} + 0.71x_{23} + 0.77x_{28}$
x_{30}	16.7491259038	$+0.03x_{31} + 2.66x_2 - 0.46x_{20} - 11.01x_4 - 19.51x_5 + 13.27x_6 - 0.02x_{17} - 0.36x_{23} + 0.40x_{28}$
x_1	0.0866138392715	$-0.06x_{31} - 0.00x_2 + 0.03x_{20} + 0.32x_4 - 0.52x_5 - 0.52x_6 - 0.00x_{17} - 0.00x_{23} - 0.03x_{28}$
x_{28}	2.29471551147	$-0.76x_{31} + 12.06x_2 + 0.14x_{20} + 11.58x_4 - 17.66x_5 - 21.58x_6 - 0.11x_{17} - 0.68x_{23} - 0.47x_{28}$
z	1.14678674438	$-0.33x_{31} - 4.09x_2 + 0.17x_{20} - 2.03x_4 - 2.28x_5 - 1.53x_6 - 0.17x_{17} - 0.07x_{23} + 0.21x_{28}$

x_{14} enters and x_1 leaves

x_{16}	38.7314515752	$+1.80x_{31} + 21.28x_2 - 0.65x_{20} - 19.78x_4 - 10.78x_5 + 21.07x_6 + 0.40x_{17} - 0.69x_{23} + 0.19x_{28}$
x_{13}	1.91324344554	$-0.03x_{31} + 0.56x_2 + 0.02x_{20} + 0.66x_4 - 0.33x_5 - 0.08x_6 + 0.02x_{17} - 0.06x_{23} + 0.01x_{28}$
x_{10}	1.8618852846	$+0.09x_{31} + 0.64x_2 - 0.01x_{20} - 0.87x_4 + 0.09x_5 + 0.92x_6 + 0.04x_{17} - 0.04x_{23} + 0.03x_{28}$
x_{19}	16.8331532372	$+0.19x_{31} + 9.02x_2 - 0.62x_{20} + 9.43x_4 - 4.71x_5 - 9.16x_6 + 0.24x_{17} - 0.60x_{23} + 0.21x_{28}$
x_{22}	2.69252277976	$+0.71x_{31} - 2.95x_2 - 0.75x_{20} - 3.86x_4 - 4.14x_5 + 3.77x_6 + 0.36x_{17} + 0.35x_{23} + 0.39x_{28}$
x_3	0.253114339639	$+0.11x_{31} + 0.61x_2 - 0.02x_{20} - 0.07x_4 + 1.08x_5 + 0.96x_6 - 0.01x_{17} + 0.04x_{23} - 0.02x_{28}$
x_7	2.44884937653	$-0.03x_{31} - 0.41x_2 + 0.04x_{20} + 0.57x_4 + 1.10x_5 - 0.21x_6 - 0.00x_{17} + 0.05x_{23} + 0.00x_{28}$
x_8	0.715221692523	$-0.05x_{31} - 1.18x_2 - 0.07x_{20} + 0.65x_4 - 1.78x_5 - 0.53x_6 + 0.08x_{17} - 0.03x_{23} + 0.03x_{28}$
x_{24}	9.99939263277	$-0.23x_{31} - 9.17x_2 + 0.32x_{20} - 7.59x_4 - 9.72x_5 + 6.39x_6 + 0.28x_{17} - 0.15x_{23} + 0.28x_{28}$
x_9	1.49147264077	$-0.05x_{31} - 1.22x_2 + 0.06x_{20} - 0.53x_4 + 1.32x_5 - 0.47x_6 - 0.07x_{17} + 0.04x_{23} + 0.03x_{28}$
x_{26}	28.8372829336	$-1.02x_{31} - 14.81x_2 + 0.14x_{20} - 1.31x_4 - 12.47x_5 - 12.27x_6 + 0.88x_{17} - 0.30x_{23} + 0.28x_{28}$
x_{25}	15.013967762	$-0.47x_{31} - 13.88x_2 + 0.09x_{20} + 4.96x_4 - 2.40x_5 - 1.24x_6 + 0.09x_{17} - 0.08x_{23} + 0.63x_{28}$
x_{12}	0.29878381943	$+0.04x_{31} + 0.30x_2 - 0.02x_{20} - 0.99x_4 - 1.16x_5 + 1.22x_6 + 0.03x_{17} + 0.00x_{23} + 0.01x_{28}$
x_{29}	26.1004793195	$-0.59x_{31} - 22.00x_2 + 1.12x_{20} + 1.54x_4 + 33.59x_5 - 13.09x_6 - 0.96x_{17} + 0.63x_{23} + 0.33x_{28}$
x_{30}	17.3512062378	$-0.36x_{31} + 2.65x_2 - 0.24x_{20} - 8.79x_4 - 23.14x_5 + 9.66x_6 - 0.04x_{17} - 0.40x_{23} + 0.21x_{28}$
x_{14}	0.254314642011	$-0.17x_{31} - 0.00x_2 + 0.09x_{20} + 0.94x_4 - 1.54x_5 - 1.52x_6 - 0.01x_{17} - 0.01x_{23} - 0.08x_{28}$
x_{28}	4.32843774904	$-2.10x_{31} + 12.04x_2 + 0.89x_{20} + 19.09x_4 - 29.94x_5 - 33.77x_6 - 0.18x_{17} - 0.79x_{23} - 1.10x_{28}$
z	2.86602212448	$-1.46x_{31} - 4.11x_2 + 0.80x_{20} + 4.32x_4 - 12.67x_5 - 11.83x_6 - 0.23x_{17} - 0.16x_{23} - 0.33x_{28}$

x_4 enters and x_{12} leaves

x_{16}	32.7329360402	$+1.04x_{31}$	$+15.27x_2$	$-0.31x_{20}$	$+20.08x_{12}$	$+12.58x_5$	$-3.39x_6$	$-0.28x_{17}$	$-0.77x_{23}$	$-0.11x_{24}$
x_{13}	2.11220428904	$-0.00x_{31}$	$+0.76x_2$	$+0.00x_{20}$	$-0.67x_{12}$	$-1.10x_5$	$+0.73x_6$	$+0.04x_{17}$	$-0.05x_{23}$	$+0.02x_{24}$
x_{10}	1.59806205652	$+0.05x_{31}$	$+0.38x_2$	$+0.00x_{20}$	$+0.88x_{12}$	$+1.12x_5$	$-0.16x_6$	$+0.01x_{17}$	$-0.04x_{23}$	$+0.01x_{24}$
x_{19}	19.6915362935	$+0.55x_{31}$	$+11.89x_2$	$-0.79x_{20}$	$-9.57x_{12}$	$-15.84x_5$	$+2.49x_6$	$+0.56x_{17}$	$-0.56x_{23}$	$+0.35x_{24}$
x_{22}	1.52346038085	$+0.56x_{31}$	$-4.12x_2$	$-0.68x_{20}$	$+3.91x_{12}$	$+0.41x_5$	$-0.99x_6$	$+0.23x_{17}$	$+0.33x_{23}$	$+0.33x_{24}$
x_3	0.232391475522	$+0.11x_{31}$	$+0.59x_2$	$-0.01x_{20}$	$+0.07x_{12}$	$+1.16x_5$	$+0.88x_6$	$-0.01x_{17}$	$+0.04x_{23}$	$-0.02x_{24}$
x_7	2.62304588912	$-0.01x_{31}$	$-0.23x_2$	$+0.03x_{20}$	$-0.58x_{12}$	$+0.42x_5$	$+0.50x_6$	$+0.02x_{17}$	$+0.05x_{23}$	$+0.01x_{24}$
x_8	0.913177947567	$-0.02x_{31}$	$-0.98x_2$	$-0.08x_{20}$	$-0.66x_{12}$	$-2.55x_5$	$+0.28x_6$	$+0.11x_{17}$	$-0.02x_{23}$	$+0.04x_{24}$
x_{24}	7.69925271732	$-0.52x_{31}$	$-11.48x_2$	$+0.46x_{20}$	$+7.70x_{12}$	$-0.76x_5$	$-2.98x_6$	$+0.02x_{17}$	$-0.18x_{23}$	$+0.17x_{24}$
x_9	1.33221107273	$-0.07x_{31}$	$-1.38x_2$	$+0.07x_{20}$	$+0.53x_{12}$	$+1.94x_5$	$-1.12x_6$	$-0.09x_{17}$	$+0.03x_{23}$	$+0.02x_{24}$
x_{26}	28.4400408493	$-1.07x_{31}$	$-15.21x_2$	$+0.16x_{20}$	$+1.33x_{12}$	$-10.92x_5$	$-13.89x_6$	$+0.84x_{17}$	$-0.30x_{23}$	$+0.26x_{24}$
x_{25}	16.5169531759	$-0.28x_{31}$	$-12.37x_2$	$+0.01x_{20}$	$-5.03x_{12}$	$-8.25x_5$	$+4.89x_6$	$+0.26x_{17}$	$-0.06x_{23}$	$+0.70x_{24}$
x_4	0.303197776025	$+0.04x_{31}$	$+0.30x_2$	$-0.02x_{20}$	$-1.01x_{12}$	$-1.18x_5$	$+1.24x_6$	$+0.03x_{17}$	$+0.00x_{23}$	$+0.02x_{24}$
x_{29}	26.5666339466	$-0.53x_{31}$	$-21.53x_2$	$+1.10x_{20}$	$-1.56x_{12}$	$+31.77x_5$	$-11.19x_6$	$-0.91x_{17}$	$+0.64x_{23}$	$+0.35x_{24}$
x_{30}	14.6855117545	$-0.70x_{31}$	$-0.02x_2$	$-0.08x_{20}$	$+8.92x_{12}$	$-12.76x_5$	$-1.21x_6$	$-0.35x_{17}$	$-0.43x_{23}$	$+0.08x_{24}$
x_{14}	0.538793854676	$-0.13x_{31}$	$+0.28x_2$	$+0.08x_{20}$	$-0.95x_{12}$	$-2.64x_5$	$-0.36x_6$	$+0.02x_{17}$	$-0.01x_{23}$	$-0.06x_{24}$
x_{28}	10.115451006	$-1.36x_{31}$	$+17.85x_2$	$+0.57x_{20}$	$-19.37x_{12}$	$-52.48x_5$	$-10.18x_6$	$+0.48x_{17}$	$-0.71x_{23}$	$-0.81x_{24}$
z	4.175055195	$-1.30x_{31}$	$-2.80x_2$	$+0.73x_{20}$	$-4.38x_{12}$	$-17.77x_5$	$-6.50x_6$	$-0.08x_{17}$	$-0.15x_{23}$	$-0.26x_{24}$

x_{11} enters and x_3 leaves

x_{16}	30.1359714073	$-0.18x_{31}$	$+8.71x_2$	$-0.14x_{20}$	$+19.30x_{12}$	$-0.36x_5$	$-13.21x_6$	$-0.17x_{17}$	$-1.26x_{23}$	$+0.14x_{24}$
x_{13}	2.20442236858	$+0.04x_{31}$	$+0.99x_2$	$-0.00x_{20}$	$-0.64x_{12}$	$-0.64x_5$	$+1.08x_6$	$+0.04x_{17}$	$-0.04x_{23}$	$+0.01x_{24}$
x_{10}	1.49439674169	$+0.01x_{31}$	$+0.12x_2$	$+0.01x_{20}$	$+0.85x_{12}$	$+0.60x_5$	$-0.55x_6$	$+0.02x_{17}$	$-0.06x_{23}$	$+0.02x_{24}$
x_{19}	20.0713013612	$+0.73x_{31}$	$+12.85x_2$	$-0.81x_{20}$	$-9.45x_{12}$	$-13.94x_5$	$+3.93x_6$	$+0.55x_{17}$	$-0.49x_{23}$	$+0.31x_{24}$
x_{22}	1.54036335139	$+0.57x_{31}$	$-4.08x_2$	$-0.68x_{20}$	$+3.92x_{12}$	$+0.50x_5$	$-0.93x_6$	$+0.23x_{17}$	$+0.34x_{23}$	$+0.32x_{24}$
x_{11}	0.224424252059	$+0.11x_{31}$	$+0.57x_2$	$-0.01x_{20}$	$+0.07x_{12}$	$+1.12x_5$	$+0.85x_6$	$-0.01x_{17}$	$+0.04x_{23}$	$-0.02x_{24}$
x_7	2.67400750531	$+0.01x_{31}$	$-0.11x_2$	$+0.03x_{20}$	$-0.57x_{12}$	$+0.67x_5$	$+0.70x_6$	$+0.02x_{17}$	$+0.06x_{23}$	$+0.00x_{24}$
x_8	1.14091115892	$+0.09x_{31}$	$-0.40x_2$	$-0.09x_{20}$	$-0.59x_{12}$	$-1.42x_5$	$+1.14x_6$	$+0.10x_{17}$	$+0.02x_{23}$	$+0.02x_{24}$
x_{24}	6.39668011605	$-1.13x_{31}$	$-14.77x_2$	$+0.54x_{20}$	$+7.31x_{12}$	$-7.25x_5$	$-7.91x_6$	$+0.07x_{17}$	$-0.43x_{23}$	$+0.29x_{24}$
x_9	1.27220000547	$-0.10x_{31}$	$-1.53x_2$	$+0.07x_{20}$	$+0.52x_{12}$	$+1.64x_5$	$-1.35x_6$	$-0.08x_{17}$	$+0.02x_{23}$	$+0.02x_{24}$
x_{26}	30.7389385887	$+0.01x_{31}$	$-9.40x_2$	$+0.01x_{20}$	$+2.02x_{12}$	$+0.54x_5$	$-5.19x_6$	$+0.75x_{17}$	$+0.14x_{23}$	$+0.04x_{24}$
x_{25}	16.5002705989	$-0.29x_{31}$	$-12.42x_2$	$+0.01x_{20}$	$-5.04x_{12}$	$-8.33x_5$	$+4.82x_6$	$+0.26x_{17}$	$-0.06x_{23}$	$+0.70x_{24}$
x_4	0.287520015922	$+0.03x_{31}$	$+0.26x_2$	$-0.02x_{20}$	$-1.02x_{12}$	$-1.26x_5$	$+1.18x_6$	$+0.03x_{17}$	$+0.00x_{23}$	$+0.02x_{24}$
x_{29}	27.1900589164	$-0.24x_{31}$	$-19.96x_2$	$+1.06x_{20}$	$-1.37x_{12}$	$+34.88x_5$	$-8.83x_6$	$-0.93x_{17}$	$+0.76x_{23}$	$+0.29x_{24}$
x_{30}	16.3866400529	$+0.09x_{31}$	$+4.27x_2$	$-0.19x_{20}$	$+9.43x_{12}$	$-4.28x_5$	$+5.23x_6$	$-0.42x_{17}$	$-0.11x_{23}$	$-0.09x_{24}$
x_{14}	0.86598257852	$+0.02x_{31}$	$+1.11x_2$	$+0.06x_{20}$	$-0.85x_{12}$	$-1.01x_5$	$+0.87x_6$	$+0.01x_{17}$	$+0.05x_{23}$	$-0.10x_{24}$
x_{28}	14.217823092	$+0.56x_{31}$	$+28.21x_2$	$+0.30x_{20}$	$-18.14x_{12}$	$-32.03x_5$	$+5.34x_6$	$+0.31x_{17}$	$+0.08x_{23}$	$-1.21x_{24}$
z	5.58220245212	$-0.64x_{31}$	$+0.76x_2$	$+0.64x_{20}$	$-3.96x_{12}$	$-10.76x_5$	$-1.17x_6$	$-0.14x_{17}$	$+0.12x_{23}$	$-0.40x_{24}$

x_2 enters and x_{22} leaves

x_{16}	33.4282706808	$+1.04x_{31} - 2.14x_{22} - 1.60x_{20} + 27.68x_{12} + 0.70x_5 - 15.20x_6 + 0.32x_{17} - 0.55x_{23} + 0.83x_{24}$
x_{13}	2.5785777391	$+0.18x_{31} - 0.24x_{22} - 0.17x_{20} + 0.31x_{12} - 0.52x_5 + 0.86x_6 + 0.10x_{17} + 0.05x_{23} + 0.09x_{24}$
x_{10}	1.53832596604	$+0.02x_{31} - 0.03x_{22} - 0.01x_{20} + 0.96x_{12} + 0.62x_5 - 0.58x_6 + 0.02x_{17} - 0.05x_{23} + 0.03x_{24}$
x_{19}	24.9271580999	$+2.53x_{31} - 3.15x_{22} - 2.96x_{20} + 2.90x_{12} - 12.37x_5 + 1.00x_6 + 1.27x_{17} + 0.57x_{23} + 1.34x_{24}$
x_2	0.378000656744	$+0.14x_{31} - 0.25x_{22} - 0.17x_{20} + 0.96x_{12} + 0.12x_5 - 0.23x_6 + 0.06x_{17} + 0.08x_{23} + 0.08x_{24}$
x_{11}	0.438671215099	$+0.18x_{31} - 0.14x_{22} - 0.11x_{20} + 0.61x_{12} + 1.19x_5 + 0.72x_6 + 0.02x_{17} + 0.09x_{23} + 0.02x_{24}$
x_7	2.6338668626	$-0.00x_{31} + 0.03x_{22} + 0.04x_{20} - 0.67x_{12} + 0.66x_5 + 0.72x_6 + 0.01x_{17} + 0.05x_{23} - 0.00x_{24}$
x_8	0.988300750221	$+0.03x_{31} + 0.10x_{22} - 0.03x_{20} - 0.98x_{12} - 1.47x_5 + 1.23x_6 + 0.07x_{17} - 0.01x_{23} - 0.01x_{24}$
x_{24}	0.813368956537	$-3.20x_{31} + 3.62x_{22} + 3.01x_{20} - 6.89x_{12} - 9.06x_5 - 4.54x_6 - 0.76x_{17} - 1.65x_{23} - 0.88x_{24}$
x_9	0.694519924303	$-0.32x_{31} + 0.38x_{22} + 0.33x_{20} - 0.95x_{12} + 1.46x_5 - 1.00x_6 - 0.17x_{17} - 0.10x_{23} - 0.10x_{24}$
x_{26}	27.1857164443	$-1.31x_{31} + 2.31x_{22} + 1.59x_{20} - 7.02x_{12} - 0.61x_5 - 3.05x_6 + 0.22x_{17} - 0.64x_{23} - 0.71x_{24}$
x_{25}	11.8067738523	$-2.02x_{31} + 3.05x_{22} + 2.09x_{20} - 16.97x_{12} - 9.85x_5 + 7.65x_6 - 0.44x_{17} - 1.08x_{23} - 0.29x_{24}$
x_4	0.387492939667	$+0.07x_{31} - 0.06x_{22} - 0.06x_{20} - 0.77x_{12} - 1.23x_5 + 1.12x_6 + 0.05x_{17} + 0.02x_{23} + 0.04x_{24}$
x_{29}	19.6450474348	$-3.04x_{31} + 4.90x_{22} + 4.40x_{20} - 20.56x_{12} + 32.44x_5 - 4.28x_6 - 2.06x_{17} - 0.89x_{23} - 1.30x_{24}$
x_{30}	18.0016486766	$+0.69x_{31} - 1.05x_{22} - 0.91x_{20} + 13.54x_{12} - 3.76x_5 + 4.26x_6 - 0.17x_{17} + 0.25x_{23} + 0.25x_{24}$
x_{14}	1.28516105032	$+0.18x_{31} - 0.27x_{22} - 0.13x_{20} + 0.21x_{12} - 0.88x_5 + 0.62x_6 + 0.07x_{17} + 0.14x_{23} - 0.01x_{24}$
x_{28}	24.8800293138	$+4.51x_{31} - 6.92x_{22} - 4.42x_{20} + 8.97x_{12} - 28.58x_5 - 1.09x_6 + 1.90x_{17} + 2.40x_{23} + 1.04x_{24}$
z	5.86848492216	$-0.53x_{31} - 0.19x_{22} + 0.51x_{20} - 3.23x_{12} - 10.66x_5 - 1.35x_6 - 0.10x_{17} + 0.19x_{23} - 0.34x_{24}$

x_{20} enters and x_2 leaves

x_{16}	29.8115253106	$-0.30x_{31} + 0.21x_{22} + 9.57x_2 + 18.48x_{12} - 0.47x_5 - 13.02x_6 - 0.22x_{17} - 1.34x_{23} + 0.07x_{24}$
x_{13}	2.20136230214	$+0.04x_{31} + 0.00x_{22} + 1.00x_2 - 0.65x_{12} - 0.64x_5 + 1.09x_6 + 0.04x_{17} - 0.04x_{23} + 0.01x_{24}$
x_{10}	1.51376547478	$+0.01x_{31} - 0.01x_{22} + 0.06x_2 + 0.90x_{12} + 0.61x_5 - 0.56x_6 + 0.02x_{17} - 0.06x_{23} + 0.03x_{24}$
x_{19}	18.2369031992	$+0.05x_{31} + 1.19x_{22} + 17.70x_2 - 14.12x_{12} - 14.54x_5 + 5.03x_6 + 0.28x_{17} - 0.89x_{23} - 0.07x_{24}$
x_{20}	2.26009833577	$+0.84x_{31} - 1.47x_{22} - 5.98x_2 + 5.75x_{12} + 0.73x_5 - 1.36x_6 + 0.34x_{17} + 0.49x_{23} + 0.48x_{24}$
x_{11}	0.191694891095	$+0.09x_{31} + 0.02x_{22} + 0.65x_2 - 0.02x_{12} + 1.11x_5 + 0.87x_6 - 0.01x_{17} + 0.04x_{23} - 0.03x_{24}$
x_7	2.73356369662	$+0.04x_{31} - 0.04x_{22} - 0.26x_2 - 0.42x_{12} + 0.69x_5 + 0.66x_6 + 0.03x_{17} + 0.08x_{23} + 0.02x_{24}$
x_8	0.926376321486	$+0.01x_{31} + 0.14x_{22} + 0.16x_2 - 1.14x_{12} - 1.49x_5 + 1.27x_6 + 0.06x_{17} - 0.03x_{23} - 0.03x_{24}$
x_{24}	7.61576480195	$-0.68x_{31} - 0.79x_{22} - 18.00x_2 + 10.41x_{12} - 6.86x_5 - 8.65x_6 + 0.25x_{17} - 0.16x_{23} + 0.55x_{24}$
x_9	1.44124218832	$-0.04x_{31} - 0.11x_{22} - 1.98x_2 + 0.95x_{12} + 1.70x_5 - 1.45x_6 - 0.06x_{17} + 0.06x_{23} + 0.06x_{24}$
x_{26}	30.7696097862	$+0.02x_{31} - 0.02x_{22} - 9.48x_2 + 2.09x_{12} + 0.55x_5 - 5.21x_6 + 0.75x_{17} + 0.14x_{23} + 0.04x_{24}$
x_{25}	16.5200038319	$-0.28x_{31} - 0.01x_{22} - 12.47x_2 - 4.99x_{12} - 8.33x_5 + 4.81x_6 + 0.26x_{17} - 0.06x_{23} + 0.71x_{24}$
x_4	0.250935525659	$+0.02x_{31} + 0.02x_{22} + 0.36x_2 - 1.11x_{12} - 1.27x_5 + 1.20x_6 + 0.03x_{17} - 0.01x_{23} + 0.01x_{24}$
x_{29}	29.5808229528	$+0.64x_{31} - 1.55x_{22} - 26.29x_2 + 4.71x_{12} + 35.65x_5 - 10.27x_6 - 0.58x_{17} + 1.28x_{23} + 0.79x_{24}$
x_{30}	15.9479753516	$-0.07x_{31} + 0.28x_{22} + 5.43x_2 + 8.31x_{12} - 4.42x_5 + 5.49x_6 - 0.48x_{17} - 0.20x_{23} - 0.18x_{24}$
x_{14}	0.994841805264	$+0.07x_{31} - 0.08x_{22} + 0.77x_2 - 0.53x_{12} - 0.97x_5 + 0.80x_6 + 0.03x_{17} + 0.08x_{23} - 0.07x_{24}$
x_{28}	14.8988229362	$+0.81x_{31} - 0.44x_{22} + 26.41x_2 - 16.41x_{12} - 31.81x_5 + 4.93x_6 + 0.41x_{17} + 0.23x_{23} - 1.07x_{24}$
z	7.02538464017	$-0.10x_{31} - 0.94x_{22} - 3.06x_2 - 0.29x_{12} - 10.29x_5 - 2.04x_6 + 0.08x_{17} + 0.44x_{23} - 0.09x_{24}$

x_1 enters and x_{16} leaves

x_1	1.82300899516	$-0.02x_{31} + 0.01x_{22} + 0.59x_2 + 1.13x_{12} - 0.03x_5 - 0.80x_6 - 0.01x_{17} - 0.08x_{23} + 0.00x_{28}$
x_{13}	3.53103806595	$+0.03x_{31} + 0.01x_{22} + 1.42x_2 + 0.18x_{12} - 0.67x_5 + 0.51x_6 + 0.03x_{17} - 0.10x_{23} + 0.01x_{28}$
x_{10}	1.88311987476	$+0.01x_{31} - 0.01x_{22} + 0.18x_2 + 1.13x_{12} + 0.60x_5 - 0.72x_6 + 0.02x_{17} - 0.08x_{23} + 0.03x_{28}$
x_{19}	13.4604575989	$+0.10x_{31} + 1.16x_{22} + 16.17x_2 - 17.08x_{12} - 14.46x_5 + 7.12x_6 + 0.31x_{17} - 0.68x_{23} - 0.08x_{28}$
x_{20}	36.841831777	$+0.49x_{31} - 1.22x_{22} + 5.12x_2 + 27.18x_{12} + 0.19x_5 - 16.46x_6 + 0.08x_{17} - 1.06x_{23} + 0.56x_{28}$
x_{11}	1.71348803735	$+0.08x_{31} + 0.03x_{22} + 1.14x_2 + 0.93x_{12} + 1.08x_5 + 0.20x_6 - 0.03x_{17} - 0.03x_{23} - 0.03x_{28}$
x_7	3.8214268354	$+0.03x_{31} - 0.03x_{22} + 0.09x_2 + 0.26x_{12} + 0.67x_5 + 0.19x_6 + 0.02x_{17} + 0.03x_{23} + 0.02x_{28}$
x_8	1.48806309764	$+0.00x_{31} + 0.14x_{22} + 0.34x_2 - 0.79x_{12} - 1.50x_5 + 1.03x_6 + 0.06x_{17} - 0.05x_{23} - 0.02x_{28}$
x_{24}	15.4316390963	$-0.76x_{31} - 0.74x_{22} - 15.49x_2 + 15.25x_{12} - 6.98x_5 - 12.06x_6 + 0.19x_{17} - 0.51x_{23} + 0.57x_{28}$
x_9	1.3288485214	$-0.04x_{31} - 0.11x_{22} - 2.01x_2 + 0.88x_{12} + 1.70x_5 - 1.40x_6 - 0.06x_{17} + 0.06x_{23} + 0.06x_{28}$
x_{26}	29.6675623892	$+0.03x_{31} - 0.03x_{22} - 9.83x_2 + 1.41x_{12} + 0.57x_5 - 4.73x_6 + 0.76x_{17} + 0.19x_{23} + 0.04x_{28}$
x_{25}	37.2893289455	$-0.49x_{31} + 0.13x_{22} - 5.80x_2 + 7.89x_{12} - 8.65x_5 - 4.26x_6 + 0.11x_{17} - 0.99x_{23} + 0.76x_{28}$
x_4	0.202668804613	$+0.02x_{31} + 0.02x_{22} + 0.35x_2 - 1.14x_{12} - 1.27x_5 + 1.22x_6 + 0.03x_{17} - 0.00x_{23} + 0.01x_{28}$
x_{29}	42.5551678847	$+0.51x_{31} - 1.46x_{22} - 22.12x_2 + 12.75x_{12} + 35.45x_5 - 15.94x_6 - 0.67x_{17} + 0.70x_{23} + 0.82x_{28}$
x_{30}	6.15536237081	$+0.03x_{31} + 0.22x_{22} + 2.29x_2 + 2.24x_{12} - 4.27x_5 + 9.77x_6 - 0.41x_{17} + 0.24x_{23} - 0.20x_{28}$
x_{14}	1.17504971218	$+0.07x_{31} - 0.08x_{22} + 0.83x_2 - 0.42x_{12} - 0.97x_5 + 0.72x_6 + 0.03x_{17} + 0.07x_{23} - 0.07x_{28}$
x_{28}	31.9456691184	$+0.64x_{31} - 0.32x_{22} + 31.88x_2 - 5.85x_{12} - 32.08x_5 - 2.51x_6 + 0.29x_{17} - 0.54x_{23} - 1.03x_{28}$
z	8.42191170751	$-0.12x_{31} - 0.93x_{22} - 2.61x_2 + 0.57x_{12} - 10.31x_5 - 2.65x_6 + 0.06x_{17} + 0.38x_{23} - 0.09x_{28}$

x_{12} enters and x_4 leaves

x_1	2.0234466918	$-0.00x_{31} + 0.04x_{22} + 0.93x_2 - 0.99x_4 - 1.28x_5 + 0.41x_6 + 0.02x_{17} - 0.09x_{23} + 0.01x_{28}$
x_{13}	3.56260266147	$+0.03x_{31} + 0.02x_{22} + 1.48x_2 - 0.16x_4 - 0.86x_5 + 0.70x_6 + 0.04x_{17} - 0.10x_{23} + 0.02x_{28}$
x_{10}	2.08362643461	$+0.03x_{31} + 0.01x_{22} + 0.53x_2 - 0.99x_4 - 0.65x_5 + 0.48x_6 + 0.05x_{17} - 0.08x_{23} + 0.04x_{28}$
x_{19}	10.4305264183	$-0.17x_{31} + 0.81x_{22} + 11.00x_2 + 14.95x_4 + 4.52x_5 - 11.12x_6 - 0.14x_{17} - 0.60x_{23} - 0.22x_{28}$
x_{20}	41.663834158	$+0.92x_{31} - 0.67x_{22} + 13.35x_2 - 23.79x_4 - 30.03x_5 + 12.56x_6 + 0.79x_{17} - 1.17x_{23} + 0.77x_{28}$
x_{11}	1.87792197878	$+0.09x_{31} + 0.05x_{22} + 1.42x_2 - 0.81x_4 + 0.05x_5 + 1.19x_6 - 0.00x_{17} - 0.04x_{23} - 0.02x_{28}$
x_7	3.86717708234	$+0.03x_{31} - 0.03x_{22} + 0.16x_2 - 0.23x_4 + 0.39x_5 + 0.46x_6 + 0.02x_{17} + 0.03x_{23} + 0.02x_{28}$
x_8	1.3475399411	$-0.01x_{31} + 0.13x_{22} + 0.10x_2 + 0.69x_4 - 0.62x_5 + 0.18x_6 + 0.04x_{17} - 0.05x_{23} - 0.03x_{28}$
x_{24}	18.1377979937	$-0.52x_{31} - 0.42x_{22} - 10.87x_2 - 13.35x_4 - 23.94x_5 + 4.23x_6 + 0.59x_{17} - 0.58x_{23} + 0.69x_{28}$
x_9	1.48414931794	$-0.02x_{31} - 0.09x_{22} - 1.75x_2 - 0.77x_4 + 0.73x_5 - 0.46x_6 - 0.04x_{17} + 0.06x_{23} + 0.07x_{28}$
x_{26}	29.9178143869	$+0.05x_{31} + 0.00x_{22} - 9.41x_2 - 1.23x_4 - 1.00x_5 - 3.22x_6 + 0.80x_{17} + 0.19x_{23} + 0.05x_{28}$
x_{25}	38.6885106069	$-0.36x_{31} + 0.30x_{22} - 3.42x_2 - 6.90x_4 - 17.42x_5 + 4.17x_6 + 0.31x_{17} - 1.02x_{23} + 0.82x_{28}$
x_{12}	0.177403729899	$+0.02x_{31} + 0.02x_{22} + 0.30x_2 - 0.88x_4 - 1.11x_5 + 1.07x_6 + 0.03x_{17} - 0.00x_{23} + 0.01x_{28}$
x_{29}	44.8166485071	$+0.71x_{31} - 1.20x_{22} - 18.26x_2 - 11.16x_4 + 21.28x_5 - 2.32x_6 - 0.34x_{17} + 0.64x_{23} + 0.92x_{28}$
x_{30}	6.55357764756	$+0.07x_{31} + 0.26x_{22} + 2.97x_2 - 1.96x_4 - 6.77x_5 + 12.17x_6 - 0.35x_{17} + 0.23x_{23} - 0.18x_{28}$
x_{14}	1.10141916015	$+0.06x_{31} - 0.09x_{22} + 0.70x_2 + 0.36x_4 - 0.51x_5 + 0.27x_6 + 0.02x_{17} + 0.07x_{23} - 0.07x_{28}$
x_{28}	30.9083744126	$+0.55x_{31} - 0.44x_{22} + 30.11x_2 + 5.12x_4 - 25.58x_5 - 8.75x_6 + 0.13x_{17} - 0.51x_{23} - 1.07x_{28}$
z	8.52389914886	$-0.11x_{31} - 0.92x_{22} - 2.44x_2 - 0.50x_4 - 10.95x_5 - 2.04x_6 + 0.08x_{17} + 0.37x_{23} - 0.09x_{28}$

x_{17} enters and x_{30} leaves

x_1	2.3261685672	$+0.00x_{31} + 0.05x_{22} + 1.06x_2 - 1.08x_4 - 1.60x_5 + 0.97x_6 - 0.05x_{30} - 0.08x_{23} + 0.00x_2$
x_{13}	4.2192160947	$+0.04x_{31} + 0.04x_{22} + 1.78x_2 - 0.35x_4 - 1.54x_5 + 1.91x_6 - 0.10x_{30} - 0.07x_{23} - 0.00x_2$
x_{10}	2.96348763976	$+0.04x_{31} + 0.05x_{22} + 0.92x_2 - 1.25x_4 - 1.56x_5 + 2.12x_6 - 0.13x_{30} - 0.05x_{23} + 0.01x_2$
x_{19}	7.89012059757	$-0.20x_{31} + 0.71x_{22} + 9.85x_2 + 15.71x_4 + 7.15x_5 - 15.83x_6 + 0.39x_{30} - 0.69x_{23} - 0.14x_2$
x_{20}	56.5187188563	$+1.07x_{31} - 0.07x_{22} + 20.08x_2 - 28.25x_4 - 45.36x_5 + 40.14x_6 - 2.27x_{30} - 0.65x_{23} + 0.35x_2$
x_{11}	1.86217654573	$+0.09x_{31} + 0.05x_{22} + 1.42x_2 - 0.81x_4 + 0.07x_5 + 1.16x_6 + 0.00x_{30} - 0.04x_{23} - 0.02x_2$
x_7	4.32241615643	$+0.03x_{31} - 0.01x_{22} + 0.37x_2 - 0.36x_4 - 0.08x_5 + 1.31x_6 - 0.07x_{30} + 0.04x_{23} + 0.01x_2$
x_8	2.08716531933	$-0.00x_{31} + 0.16x_{22} + 0.44x_2 + 0.47x_4 - 1.38x_5 + 1.55x_6 - 0.11x_{30} - 0.02x_{23} - 0.05x_2$
x_{24}	29.2275001883	$-0.41x_{31} + 0.02x_{22} - 5.85x_2 - 16.68x_4 - 35.39x_5 + 24.82x_6 - 1.69x_{30} - 0.19x_{23} + 0.38x_2$
x_9	0.809296204675	$-0.03x_{31} - 0.12x_{22} - 2.05x_2 - 0.56x_4 + 1.42x_5 - 1.72x_6 + 0.10x_{30} + 0.04x_{23} + 0.08x_2$
x_{26}	44.8323121867	$+0.20x_{31} + 0.60x_{22} - 2.65x_2 - 5.71x_4 - 16.40x_5 + 24.46x_6 - 2.28x_{30} + 0.71x_{23} - 0.37x_2$
x_{25}	44.5807657093	$-0.30x_{31} + 0.53x_{22} - 0.75x_2 - 8.67x_4 - 23.50x_5 + 15.10x_6 - 0.90x_{30} - 0.81x_{23} + 0.65x_2$
x_{12}	0.667240500072	$+0.02x_{31} + 0.04x_{22} + 0.52x_2 - 1.02x_4 - 1.62x_5 + 1.98x_6 - 0.07x_{30} + 0.01x_{23} - 0.01x_2$
x_{29}	38.4403850405	$+0.65x_{31} - 1.45x_{22} - 21.15x_2 - 9.25x_4 + 27.86x_5 - 14.16x_6 + 0.97x_{30} + 0.42x_{23} + 1.10x_2$
x_{17}	18.7369620735	$+0.19x_{31} + 0.75x_{22} + 8.49x_2 - 5.62x_4 - 19.34x_5 + 34.78x_6 - 2.86x_{30} + 0.65x_{23} - 0.53x_2$
x_{14}	1.42979351502	$+0.07x_{31} - 0.08x_{22} + 0.85x_2 + 0.26x_4 - 0.85x_5 + 0.88x_6 - 0.05x_{30} + 0.09x_{23} - 0.08x_2$
x_{28}	33.4096768775	$+0.57x_{31} - 0.34x_{22} + 31.24x_2 + 4.37x_4 - 28.16x_5 - 4.11x_6 - 0.38x_{30} - 0.43x_{23} - 1.14x_2$
z	10.0231097927	$-0.09x_{31} - 0.86x_{22} - 1.76x_2 - 0.95x_4 - 12.50x_5 + 0.74x_6 - 0.23x_{30} + 0.43x_{23} - 0.13x_2$

x_6 enters and x_9 leaves

x_1	2.78451119598	$-0.02x_{31} - 0.02x_{22} - 0.10x_2 - 1.40x_4 - 0.79x_5 - 0.57x_9 + 0.01x_{30} - 0.05x_{23} + 0.05x_2$
x_{13}	5.12133076443	$+0.00x_{31} - 0.09x_{22} - 0.51x_2 - 0.98x_4 + 0.05x_5 - 1.11x_9 + 0.01x_{30} - 0.03x_{23} + 0.09x_2$
x_{10}	3.9617482849	$-0.00x_{31} - 0.10x_{22} - 1.61x_2 - 1.95x_4 + 0.20x_5 - 1.23x_9 - 0.01x_{30} - 0.00x_{23} + 0.12x_2$
x_{19}	0.427810925029	$+0.10x_{31} + 1.81x_{22} + 28.77x_2 + 20.91x_4 - 5.97x_5 + 9.22x_9 - 0.56x_{30} - 1.04x_{23} - 0.92x_2$
x_{20}	75.4366828338	$+0.33x_{31} - 2.87x_{22} - 27.90x_2 - 41.43x_4 - 12.10x_5 - 23.38x_9 + 0.14x_{30} + 0.23x_{23} + 2.33x_2$
x_{11}	2.4111839702	$+0.07x_{31} - 0.03x_{22} + 0.02x_2 - 1.19x_4 + 1.04x_5 - 0.68x_9 + 0.07x_{30} - 0.01x_{23} + 0.04x_2$
x_7	4.93837781836	$+0.01x_{31} - 0.10x_{22} - 1.19x_2 - 0.79x_4 + 1.00x_5 - 0.76x_9 + 0.01x_{30} + 0.07x_{23} + 0.07x_2$
x_8	2.81888084073	$-0.03x_{31} + 0.05x_{22} - 1.42x_2 - 0.04x_4 - 0.09x_5 - 0.90x_9 - 0.02x_{30} + 0.01x_{23} + 0.03x_2$
x_{24}	40.9238599364	$-0.86x_{31} - 1.71x_{22} - 35.51x_2 - 24.83x_4 - 14.83x_5 - 14.45x_9 - 0.20x_{30} + 0.35x_{23} + 1.60x_2$
x_6	0.47129472416	$-0.02x_{31} - 0.07x_{22} - 1.20x_2 - 0.33x_4 + 0.83x_5 - 0.58x_9 + 0.06x_{30} + 0.02x_{23} + 0.05x_2$
x_{26}	56.3624209396	$-0.25x_{31} - 1.11x_{22} - 31.89x_2 - 13.74x_4 + 3.87x_5 - 14.25x_9 - 0.81x_{30} + 1.24x_{23} + 0.84x_2$
x_{25}	51.6990877309	$-0.58x_{31} - 0.52x_{22} - 18.80x_2 - 13.63x_4 - 10.99x_5 - 8.80x_9 + 0.01x_{30} - 0.48x_{23} + 1.40x_2$
x_{12}	1.59908287068	$-0.02x_{31} - 0.10x_{22} - 1.84x_2 - 1.67x_4 + 0.02x_5 - 1.15x_9 + 0.04x_{30} + 0.06x_{23} + 0.09x_2$
x_{29}	31.7660212877	$+0.91x_{31} - 0.47x_{22} - 4.23x_2 - 4.60x_4 + 16.13x_5 + 8.25x_9 + 0.12x_{30} + 0.11x_{23} + 0.41x_2$
x_{17}	35.1306601523	$-0.45x_{31} - 1.67x_{22} - 33.08x_2 - 17.04x_4 + 9.48x_5 - 20.26x_9 - 0.77x_{30} + 1.42x_{23} + 1.18x_2$
x_{14}	1.84639523393	$+0.05x_{31} - 0.14x_{22} - 0.21x_2 - 0.03x_4 - 0.12x_5 - 0.51x_9 + 0.00x_{30} + 0.11x_{23} - 0.04x_2$
x_{28}	31.4728328886	$+0.65x_{31} - 0.06x_{22} + 36.15x_2 + 5.72x_4 - 31.56x_5 + 2.39x_9 - 0.63x_{30} - 0.52x_{23} - 1.34x_2$
z	10.3733825896	$-0.11x_{31} - 0.91x_{22} - 2.65x_2 - 1.20x_4 - 11.88x_5 - 0.43x_9 - 0.18x_{30} + 0.44x_{23} - 0.09x_2$

x_{16} enters and x_6 leaves

x_1	1.09789133852	$+0.05x_{31}$	$+0.23x_{22}$	$+4.18x_2$	$-0.22x_4$	$-3.76x_5$	$+1.52x_9$	$-0.20x_{30}$	$-0.13x_{23}$	$-0.12x_2$
x_{13}	3.91039502494	$+0.05x_{31}$	$+0.09x_{22}$	$+2.56x_2$	$-0.14x_4$	$-2.08x_5$	$+0.38x_9$	$-0.14x_{30}$	$-0.09x_{23}$	$-0.04x_2$
x_{10}	3.90047344697	$-0.00x_{31}$	$-0.09x_{22}$	$-1.45x_2$	$-1.91x_4$	$+0.09x_5$	$-1.16x_9$	$-0.02x_{30}$	$-0.01x_{23}$	$+0.11x_2$
x_{19}	8.09702713719	$-0.20x_{31}$	$+0.68x_{22}$	$+9.32x_2$	$+15.57x_4$	$+7.51x_5$	$-0.26x_9$	$+0.41x_{30}$	$-0.68x_{23}$	$-0.12x_2$
x_{20}	46.2517026571	$+1.47x_{31}$	$+1.44x_{22}$	$+46.11x_2$	$-21.09x_4$	$-63.41x_5$	$+12.69x_9$	$-3.57x_{30}$	$-1.13x_{23}$	$-0.72x_2$
x_{11}	0.458926061744	$+0.15x_{31}$	$+0.26x_{22}$	$+4.97x_2$	$+0.17x_4$	$-2.40x_5$	$+1.73x_9$	$-0.18x_{30}$	$-0.10x_{23}$	$-0.16x_2$
x_7	3.95898435002	$+0.05x_{31}$	$+0.05x_{22}$	$+1.29x_2$	$-0.11x_4$	$-0.72x_5$	$+0.45x_9$	$-0.12x_{30}$	$+0.02x_{23}$	$-0.03x_2$
x_8	2.57224022195	$-0.02x_{31}$	$+0.08x_{22}$	$-0.79x_2$	$+0.13x_4$	$-0.53x_5$	$-0.60x_9$	$-0.05x_{30}$	$-0.00x_{23}$	$-0.00x_2$
x_{24}	38.1327376406	$-0.76x_{31}$	$-1.30x_{22}$	$-28.43x_2$	$-22.88x_4$	$-19.73x_5$	$-11.00x_9$	$-0.56x_{30}$	$+0.22x_{23}$	$+1.30x_2$
x_{16}	27.7704344622	$-1.09x_{31}$	$-4.10x_{22}$	$-70.42x_2$	$-19.35x_4$	$+48.82x_5$	$-34.31x_9$	$+3.53x_{30}$	$+1.29x_{23}$	$+2.90x_2$
x_{26}	66.8754716143	$-0.66x_{31}$	$-2.66x_{22}$	$-58.55x_2$	$-21.07x_4$	$+22.35x_5$	$-27.24x_9$	$+0.53x_{30}$	$+1.73x_{23}$	$+1.93x_2$
x_{25}	33.8249110126	$+0.12x_{31}$	$+2.12x_{22}$	$+26.53x_2$	$-1.18x_4$	$-42.41x_5$	$+13.29x_9$	$-2.27x_{30}$	$-1.31x_{23}$	$-0.47x_2$
x_{12}	1.39502106308	$-0.01x_{31}$	$-0.07x_{22}$	$-1.32x_2$	$-1.53x_4$	$-0.34x_5$	$-0.90x_9$	$+0.02x_{30}$	$+0.05x_{23}$	$+0.07x_2$
x_{29}	17.8947663123	$+1.46x_{31}$	$+1.58x_{22}$	$+30.95x_2$	$+5.07x_4$	$-8.26x_5$	$+25.39x_9$	$-1.64x_{30}$	$-0.54x_{23}$	$-1.04x_2$
x_{17}	45.070154598	$-0.84x_{31}$	$-3.14x_{22}$	$-58.29x_2$	$-23.97x_4$	$+26.95x_5$	$-32.54x_9$	$+0.49x_{30}$	$+1.88x_{23}$	$+2.22x_2$
x_{14}	1.70709085815	$+0.05x_{31}$	$-0.12x_{22}$	$+0.15x_2$	$+0.07x_4$	$-0.36x_5$	$-0.34x_9$	$-0.01x_{30}$	$+0.10x_{23}$	$-0.05x_2$
x_{28}	20.8152108205	$+1.07x_{31}$	$+1.52x_{22}$	$+63.18x_2$	$+13.14x_4$	$-50.30x_5$	$+15.56x_9$	$-1.98x_{30}$	$-1.01x_{23}$	$-2.46x_2$
z	10.8518358833	$-0.12x_{31}$	$-0.98x_{22}$	$-3.86x_2$	$-1.53x_4$	$-11.04x_5$	$-1.02x_9$	$-0.12x_{30}$	$+0.47x_{23}$	$-0.04x_2$

x_{18} enters and x_{11} leaves

x_1	0.506597568853	$-0.14x_{31}$	$-0.10x_{22}$	$-2.23x_2$	$-0.44x_4$	$-0.67x_5$	$-0.72x_9$	$+0.02x_{30}$	$-0.00x_{23}$	$+0.09x_2$
x_{13}	3.67604380762	$-0.03x_{31}$	$-0.04x_{22}$	$+0.02x_2$	$-0.22x_4$	$-0.86x_5$	$-0.50x_9$	$-0.05x_{30}$	$-0.04x_{23}$	$+0.05x_2$
x_{10}	3.90377003934	$+0.00x_{31}$	$-0.09x_{22}$	$-1.42x_2$	$-1.90x_4$	$+0.07x_5$	$-1.15x_9$	$-0.02x_{30}$	$-0.01x_{23}$	$+0.11x_2$
x_{19}	8.86709143226	$+0.04x_{31}$	$+1.11x_{22}$	$+17.67x_2$	$+15.85x_4$	$+3.49x_5$	$+2.65x_9$	$+0.12x_{30}$	$-0.85x_{23}$	$-0.40x_2$
x_{20}	39.8253303189	$-0.59x_{31}$	$-2.16x_{22}$	$-23.53x_2$	$-23.49x_4$	$-29.85x_5$	$-11.59x_9$	$-1.11x_{30}$	$+0.30x_{23}$	$+1.58x_2$
x_{18}	1.47490163838	$+0.47x_{31}$	$+0.83x_{22}$	$+15.98x_2$	$+0.55x_4$	$-7.70x_5$	$+5.57x_9$	$-0.57x_{30}$	$-0.33x_{23}$	$-0.53x_2$
x_7	3.90042280815	$+0.03x_{31}$	$+0.01x_{22}$	$+0.66x_2$	$-0.13x_4$	$-0.42x_5$	$+0.23x_9$	$-0.09x_{30}$	$+0.04x_{23}$	$-0.01x_2$
x_8	2.55375829467	$-0.03x_{31}$	$+0.07x_{22}$	$-0.99x_2$	$+0.13x_4$	$-0.43x_5$	$-0.67x_9$	$-0.04x_{30}$	$+0.00x_{23}$	$+0.01x_2$
x_{24}	37.575104234	$-0.93x_{31}$	$-1.61x_{22}$	$-34.47x_2$	$-23.09x_4$	$-16.82x_5$	$-13.11x_9$	$-0.35x_{30}$	$+0.35x_{23}$	$+1.50x_2$
x_{16}	33.7802895061	$+0.84x_{31}$	$-0.73x_{22}$	$-5.29x_2$	$-17.11x_4$	$+17.43x_5$	$-11.61x_9$	$+1.23x_{30}$	$-0.04x_{23}$	$+0.75x_2$
x_{26}	72.6986992777	$+1.21x_{31}$	$+0.61x_{22}$	$+4.56x_2$	$-18.89x_4$	$-8.06x_5$	$-5.24x_9$	$-1.71x_{30}$	$+0.44x_{23}$	$-0.15x_2$
x_{25}	27.451996594	$-1.93x_{31}$	$-1.46x_{22}$	$-42.54x_2$	$-3.55x_4$	$-9.13x_5$	$-10.79x_9$	$+0.18x_{30}$	$+0.10x_{23}$	$+1.81x_2$
x_{12}	1.4229901932	$+0.00x_{31}$	$-0.05x_{22}$	$-1.02x_2$	$-1.52x_4$	$-0.48x_5$	$-0.79x_9$	$+0.01x_{30}$	$+0.04x_{23}$	$+0.06x_2$
x_{29}	16.3190322391	$+0.95x_{31}$	$+0.70x_{22}$	$+13.87x_2$	$+4.48x_4$	$-0.03x_5$	$+19.43x_9$	$-1.04x_{30}$	$-0.19x_{23}$	$-0.48x_2$
x_{17}	51.4931381761	$+1.22x_{31}$	$+0.46x_{22}$	$+11.32x_2$	$-21.57x_4$	$-6.59x_5$	$-8.27x_9$	$-1.97x_{30}$	$+0.45x_{23}$	$-0.07x_2$
x_{14}	1.98201303658	$+0.14x_{31}$	$+0.04x_{22}$	$+3.13x_2$	$+0.17x_4$	$-1.80x_5$	$+0.70x_9$	$-0.12x_{30}$	$+0.04x_{23}$	$-0.15x_2$
x_{28}	16.9851870339	$-0.16x_{31}$	$-0.63x_{22}$	$+21.67x_2$	$+11.72x_4$	$-30.30x_5$	$+1.09x_9$	$-0.51x_{30}$	$-0.16x_{23}$	$-1.09x_2$
z	11.9246256386	$+0.22x_{31}$	$-0.38x_{22}$	$+7.77x_2$	$-1.13x_4$	$-16.64x_5$	$+3.03x_9$	$-0.54x_{30}$	$+0.23x_{23}$	$-0.42x_2$

x_2 enters and x_1 leaves

x_2	0.227246253822	$-0.06x_{31}$	$-0.05x_{22}$	$-0.45x_1$	$-0.20x_4$	$-0.30x_5$	$-0.32x_9$	$+0.01x_{30}$	$-0.00x_{23}$	$+0.04x_2$
x_{13}	3.68043711065	$-0.03x_{31}$	$-0.05x_{22}$	$-0.01x_1$	$-0.23x_4$	$-0.87x_5$	$-0.51x_9$	$-0.05x_{30}$	$-0.04x_{23}$	$+0.05x_2$
x_{10}	3.58195181874	$+0.09x_{31}$	$-0.02x_{22}$	$+0.64x_1$	$-1.62x_4$	$+0.49x_5$	$-0.69x_9$	$-0.03x_{30}$	$-0.01x_{23}$	$+0.05x_2$
x_{19}	12.881811138	$-1.06x_{31}$	$+0.30x_{22}$	$-7.92x_1$	$+12.33x_4$	$-1.81x_5$	$-3.02x_9$	$+0.31x_{30}$	$-0.87x_{23}$	$+0.30x_2$
x_{20}	34.4772977651	$+0.88x_{31}$	$-1.08x_{22}$	$+10.56x_1$	$-18.80x_4$	$-22.79x_5$	$-4.03x_9$	$-1.36x_{30}$	$+0.31x_{23}$	$+0.65x_2$
x_{18}	5.10739327867	$-0.52x_{31}$	$+0.09x_{22}$	$-7.17x_1$	$-2.64x_4$	$-12.50x_5$	$+0.44x_9$	$-0.39x_{30}$	$-0.34x_{23}$	$+0.10x_2$
x_7	4.04965355078	$-0.01x_{31}$	$-0.02x_{22}$	$-0.29x_1$	$-0.26x_4$	$-0.61x_5$	$+0.02x_9$	$-0.09x_{30}$	$+0.04x_{23}$	$+0.02x_2$
x_8	2.32856586444	$+0.03x_{31}$	$+0.12x_{22}$	$+0.44x_1$	$+0.32x_4$	$-0.13x_5$	$-0.35x_9$	$-0.05x_{30}$	$+0.00x_{23}$	$-0.03x_2$
x_{24}	29.7413744099	$+1.22x_{31}$	$-0.03x_{22}$	$+15.46x_1$	$-16.22x_4$	$-6.49x_5$	$-2.03x_9$	$-0.72x_{30}$	$+0.37x_{23}$	$+0.15x_2$
x_{16}	32.5780309032	$+1.17x_{31}$	$-0.48x_{22}$	$+2.37x_1$	$-16.05x_4$	$+19.02x_5$	$-9.91x_9$	$+1.17x_{30}$	$-0.04x_{23}$	$+0.54x_2$
x_{26}	73.7351087632	$+0.92x_{31}$	$+0.40x_{22}$	$-2.05x_1$	$-19.80x_4$	$-9.43x_5$	$-6.70x_9$	$-1.66x_{30}$	$+0.43x_{23}$	$+0.03x_2$
x_{25}	17.785279297	$+0.73x_{31}$	$+0.50x_{22}$	$+19.08x_1$	$+4.93x_4$	$+3.62x_5$	$+2.88x_9$	$-0.29x_{30}$	$+0.13x_{23}$	$+0.13x_2$
x_{12}	1.1916795289	$+0.06x_{31}$	$-0.00x_{22}$	$+0.46x_1$	$-1.32x_4$	$-0.18x_5$	$-0.47x_9$	$-0.00x_{30}$	$+0.04x_{23}$	$+0.02x_2$
x_{29}	19.4717394469	$+0.09x_{31}$	$+0.06x_{22}$	$-6.22x_1$	$+1.72x_4$	$-4.19x_5$	$+14.98x_9$	$-0.88x_{30}$	$-0.19x_{23}$	$+0.07x_2$
x_{17}	54.0658740577	$+0.51x_{31}$	$-0.06x_{22}$	$-5.08x_1$	$-23.83x_4$	$-9.99x_5$	$-11.91x_9$	$-1.85x_{30}$	$+0.44x_{23}$	$+0.37x_2$
x_{14}	2.69224953785	$-0.05x_{31}$	$-0.11x_{22}$	$-1.40x_1$	$-0.45x_4$	$-2.74x_5$	$-0.31x_9$	$-0.09x_{30}$	$+0.04x_{23}$	$-0.03x_2$
x_{28}	21.9095661141	$-1.51x_{31}$	$-1.63x_{22}$	$-9.72x_1$	$+7.40x_4$	$-36.80x_5$	$-5.87x_9$	$-0.28x_{30}$	$-0.18x_{23}$	$-0.23x_2$
z	13.6894418243	$-0.26x_{31}$	$-0.73x_{22}$	$-3.48x_1$	$-2.68x_4$	$-18.97x_5$	$+0.53x_9$	$-0.45x_{30}$	$+0.22x_{23}$	$-0.12x_2$

x_6 enters and x_2 leaves

x_6	0.288100837781	$-0.08x_{31}$	$-0.06x_{22}$	$-0.57x_1$	$-0.25x_4$	$-0.38x_5$	$-0.41x_9$	$+0.01x_{30}$	$-0.00x_{23}$	$+0.05x_2$
x_{13}	3.8068689617	$-0.06x_{31}$	$-0.07x_{22}$	$-0.26x_1$	$-0.34x_4$	$-1.03x_5$	$-0.69x_9$	$-0.04x_{30}$	$-0.04x_{23}$	$+0.07x_2$
x_{10}	3.94979971851	$-0.01x_{31}$	$-0.10x_{22}$	$-0.09x_1$	$-1.95x_4$	$+0.01x_5$	$-1.21x_9$	$-0.01x_{30}$	$-0.01x_{23}$	$+0.12x_2$
x_{19}	6.18143007367	$+0.78x_{31}$	$+1.65x_{22}$	$+5.30x_1$	$+18.21x_4$	$+7.03x_5$	$+6.45x_9$	$-0.01x_{30}$	$-0.85x_{23}$	$-0.86x_2$
x_{20}	40.9546286223	$-0.90x_{31}$	$-2.39x_{22}$	$-2.23x_1$	$-24.48x_4$	$-31.34x_5$	$-13.19x_9$	$-1.05x_{30}$	$+0.29x_{23}$	$+1.77x_2$
x_{18}	5.31029109945	$-0.58x_{31}$	$+0.05x_{22}$	$-7.57x_1$	$-2.81x_4$	$-12.76x_5$	$+0.15x_9$	$-0.38x_{30}$	$-0.34x_{23}$	$+0.14x_2$
x_7	4.34683702727	$-0.09x_{31}$	$-0.08x_{22}$	$-0.88x_1$	$-0.52x_4$	$-1.00x_5$	$-0.40x_9$	$-0.07x_{30}$	$+0.04x_{23}$	$+0.07x_2$
x_8	2.65646775753	$-0.06x_{31}$	$+0.05x_{22}$	$-0.20x_1$	$+0.04x_4$	$-0.57x_5$	$-0.81x_9$	$-0.04x_{30}$	$+0.00x_{23}$	$+0.02x_2$
x_{24}	37.8312168613	$-1.00x_{31}$	$-1.66x_{22}$	$-0.51x_1$	$-23.32x_4$	$-17.16x_5$	$-13.47x_9$	$-0.33x_{30}$	$+0.35x_{23}$	$+1.55x_2$
x_{16}	32.4325709421	$+1.21x_{31}$	$-0.46x_{22}$	$+2.66x_1$	$-15.93x_4$	$+19.21x_5$	$-9.70x_9$	$+1.16x_{30}$	$-0.04x_{23}$	$+0.52x_2$
x_{26}	81.4150470133	$-1.18x_{31}$	$-1.15x_{22}$	$-17.21x_1$	$-26.54x_4$	$-19.56x_5$	$-17.56x_9$	$-1.28x_{30}$	$+0.41x_{23}$	$+1.36x_2$
x_{25}	21.8060537694	$-0.38x_{31}$	$-0.32x_{22}$	$+11.14x_1$	$+1.40x_4$	$-1.68x_5$	$-2.80x_9$	$-0.09x_{30}$	$+0.12x_{23}$	$+0.83x_2$
x_{12}	1.62046444519	$-0.05x_{31}$	$-0.09x_{22}$	$-0.39x_1$	$-1.69x_4$	$-0.74x_5$	$-1.07x_9$	$+0.02x_{30}$	$+0.04x_{23}$	$+0.09x_2$
x_{29}	20.7008846155	$-0.25x_{31}$	$-0.19x_{22}$	$-8.65x_1$	$+0.64x_4$	$-5.81x_5$	$+13.24x_9$	$-0.82x_{30}$	$-0.20x_{23}$	$+0.28x_2$
x_{17}	62.1197265977	$-1.70x_{31}$	$-1.68x_{22}$	$-20.98x_1$	$-30.89x_4$	$-20.61x_5$	$-23.30x_9$	$-1.46x_{30}$	$+0.42x_{23}$	$+1.76x_2$
x_{14}	2.78208725022	$-0.08x_{31}$	$-0.13x_{22}$	$-1.58x_1$	$-0.53x_4$	$-2.86x_5$	$-0.44x_9$	$-0.08x_{30}$	$+0.04x_{23}$	$-0.01x_2$
x_{28}	13.5404173063	$+0.78x_{31}$	$+0.06x_{22}$	$+6.80x_1$	$+14.74x_4$	$-25.75x_5$	$+5.96x_9$	$-0.68x_{30}$	$-0.15x_{23}$	$-1.68x_2$
z	14.4218714517	$-0.47x_{31}$	$-0.88x_{22}$	$-4.93x_1$	$-3.32x_4$	$-19.94x_5$	$-0.50x_9$	$-0.41x_{30}$	$+0.22x_{23}$	$+0.01x_2$

x_{11} enters and x_{19} leaves

x_6	0.820432745118	$-0.01x_{31} + 0.08x_{22}$	$-0.11x_1$	$+1.32x_4$	$+0.23x_5$	$+0.15x_9$	$+0.01x_{30}$	$-0.07x_{23}$	$-0.02x_2$
x_{13}	4.41959060634	$+0.02x_{31} + 0.09x_{22}$	$+0.27x_1$	$+1.47x_4$	$-0.34x_5$	$-0.05x_9$	$-0.04x_{30}$	$-0.12x_{23}$	$-0.01x_2$
x_{10}	4.02963132484	$-0.00x_{31} - 0.08x_{22}$	$-0.02x_1$	$-1.71x_4$	$+0.10x_5$	$-1.13x_9$	$-0.01x_{30}$	$-0.02x_{23}$	$+0.11x_2$
x_{11}	0.726508159941	$+0.09x_{31} + 0.19x_{22}$	$+0.62x_1$	$+2.14x_4$	$+0.83x_5$	$+0.76x_9$	$-0.00x_{30}$	$-0.10x_{23}$	$-0.10x_2$
x_{20}	53.2146067711	$+0.65x_{31} + 0.88x_{22}$	$+8.29x_1$	$+11.64x_4$	$-17.39x_5$	$-0.40x_9$	$-1.07x_{30}$	$-1.38x_{23}$	$+0.06x_2$
x_{18}	10.0621866299	$+0.02x_{31} + 1.32x_{22}$	$-3.50x_1$	$+11.18x_4$	$-7.36x_5$	$+5.11x_9$	$-0.39x_{30}$	$-0.99x_{23}$	$-0.53x_2$
x_7	5.26439547931	$+0.02x_{31} + 0.17x_{22}$	$-0.09x_1$	$+2.18x_4$	$+0.04x_5$	$+0.55x_9$	$-0.07x_{30}$	$-0.09x_{23}$	$-0.06x_2$
x_8	2.87550490701	$-0.03x_{31} + 0.11x_{22}$	$-0.01x_1$	$+0.68x_4$	$-0.32x_5$	$-0.59x_9$	$-0.04x_{30}$	$-0.03x_{23}$	$-0.01x_2$
x_{24}	39.18721112183	$-0.83x_{31} - 1.30x_{22}$	$+0.66x_1$	$-19.32x_4$	$-15.62x_5$	$-12.06x_9$	$-0.34x_{30}$	$+0.16x_{23}$	$+1.36x_2$
x_{16}	20.4283840955	$-0.30x_{31} - 3.66x_{22}$	$-7.63x_1$	$-51.29x_4$	$+5.56x_5$	$-22.23x_9$	$+1.18x_{30}$	$+1.61x_{23}$	$+2.19x_2$
x_{26}	88.3019571697	$-0.32x_{31} + 0.69x_{22}$	$-11.30x_1$	$-6.25x_4$	$-11.73x_5$	$-10.37x_9$	$-1.30x_{30}$	$-0.53x_{23}$	$+0.40x_2$
x_{25}	21.4626038284	$-0.42x_{31} - 0.41x_{22}$	$+10.85x_1$	$+0.39x_4$	$-2.07x_5$	$-3.16x_9$	$-0.09x_{30}$	$+0.17x_{23}$	$+0.88x_2$
x_{12}	1.94106624491	$-0.01x_{31} - 0.01x_{22}$	$-0.11x_1$	$-0.75x_4$	$-0.38x_5$	$-0.74x_9$	$+0.02x_{30}$	$-0.00x_{23}$	$+0.05x_2$
x_{29}	31.2918386428	$+1.08x_{31} + 2.64x_{22}$	$+0.43x_1$	$+31.84x_4$	$+6.24x_5$	$+24.29x_9$	$-0.84x_{30}$	$-1.65x_{23}$	$-1.20x_2$
x_{17}	71.5867909708	$-0.50x_{31} + 0.84x_{22}$	$-12.86x_1$	$-3.00x_4$	$-9.84x_5$	$-13.42x_9$	$-1.48x_{30}$	$-0.88x_{23}$	$+0.44x_2$
x_{14}	3.8251878574	$+0.05x_{31} + 0.15x_{22}$	$-0.68x_1$	$+2.55x_4$	$-1.67x_5$	$+0.65x_9$	$-0.08x_{30}$	$-0.11x_{23}$	$-0.16x_2$
x_{28}	13.238583789	$+0.75x_{31} - 0.02x_{22}$	$+6.54x_1$	$+13.85x_4$	$-26.10x_5$	$+5.65x_9$	$-0.68x_{30}$	$-0.11x_{23}$	$-1.64x_2$
z	17.337809679	$-0.10x_{31} - 0.10x_{22}$	$-2.43x_1$	$+5.27x_4$	$-16.62x_5$	$+2.54x_9$	$-0.42x_{30}$	$-0.18x_{23}$	$-0.40x_2$

x_2 enters and x_{16} leaves

x_6	1.27915910998	$-0.02x_{31} + 0.00x_{22}$	$-0.28x_1$	$+0.16x_4$	$+0.35x_5$	$-0.35x_9$	$+0.04x_{30}$	$-0.04x_{23}$	$+0.02x_2$
x_{13}	5.27335311526	$+0.00x_{31} - 0.06x_{22}$	$-0.05x_1$	$-0.68x_4$	$-0.10x_5$	$-0.98x_9$	$+0.01x_{30}$	$-0.05x_{23}$	$+0.08x_2$
x_{10}	3.582984114	$+0.00x_{31} + 0.00x_{22}$	$+0.14x_1$	$-0.59x_4$	$-0.02x_5$	$-0.64x_9$	$-0.04x_{30}$	$-0.05x_{23}$	$+0.06x_2$
x_{11}	1.97683643433	$+0.07x_{31} - 0.03x_{22}$	$+0.16x_1$	$-1.00x_4$	$+1.17x_5$	$-0.60x_9$	$+0.07x_{30}$	$-0.00x_{23}$	$+0.03x_2$
x_{20}	64.0299932329	$+0.49x_{31} - 1.06x_{22}$	$+4.24x_1$	$-15.52x_4$	$-14.45x_5$	$-12.16x_9$	$-0.45x_{30}$	$-0.53x_{23}$	$+1.22x_2$
x_{18}	17.9181051459	$-0.10x_{31} - 0.09x_{22}$	$-6.43x_1$	$-8.54x_4$	$-5.22x_5$	$-3.44x_9$	$+0.07x_{30}$	$-0.37x_{23}$	$+0.32x_2$
x_7	6.37168016979	$+0.01x_{31} - 0.03x_{22}$	$-0.51x_1$	$-0.60x_4$	$+0.34x_5$	$-0.65x_9$	$-0.01x_{30}$	$-0.00x_{23}$	$+0.06x_2$
x_8	2.73185485937	$-0.03x_{31} + 0.14x_{22}$	$+0.04x_1$	$+1.04x_4$	$-0.36x_5$	$-0.43x_9$	$-0.05x_{30}$	$-0.04x_{23}$	$-0.02x_2$
x_{24}	28.6765139468	$-0.68x_{31} + 0.58x_{22}$	$+4.59x_1$	$+7.07x_4$	$-18.48x_5$	$-0.62x_9$	$-0.94x_{30}$	$-0.66x_{23}$	$+0.23x_2$
x_2	0.360802673025	$-0.01x_{31} - 0.06x_{22}$	$-0.13x_1$	$-0.91x_4$	$+0.10x_5$	$-0.39x_9$	$+0.02x_{30}$	$+0.03x_{23}$	$+0.04x_2$
x_{26}	87.9608365935	$-0.31x_{31} + 0.75x_{22}$	$-11.17x_1$	$-5.40x_4$	$-11.82x_5$	$-10.00x_9$	$-1.32x_{30}$	$-0.56x_{23}$	$+0.36x_2$
x_{25}	14.4876720339	$-0.32x_{31} + 0.84x_{22}$	$+13.46x_1$	$+17.90x_4$	$-3.97x_5$	$+4.43x_9$	$-0.50x_{30}$	$-0.38x_{23}$	$+0.13x_2$
x_{12}	1.81203638006	$-0.01x_{31} + 0.02x_{22}$	$-0.07x_1$	$-0.42x_4$	$-0.41x_5$	$-0.60x_9$	$+0.01x_{30}$	$-0.01x_{23}$	$+0.04x_2$
x_{29}	47.5674489119	$+0.84x_{31} - 0.28x_{22}$	$-5.65x_1$	$-9.03x_4$	$+10.67x_5$	$+6.58x_9$	$+0.10x_{30}$	$-0.37x_{23}$	$+0.55x_2$
x_{17}	75.0924732946	$-0.55x_{31} + 0.22x_{22}$	$-14.17x_1$	$-11.81x_4$	$-8.89x_5$	$-17.23x_9$	$-1.27x_{30}$	$-0.60x_{23}$	$+0.82x_2$
x_{14}	5.47773826595	$+0.03x_{31} - 0.14x_{22}$	$-1.30x_1$	$-1.60x_4$	$-1.22x_5$	$-1.14x_9$	$+0.01x_{30}$	$+0.02x_{23}$	$+0.02x_2$
x_{28}	26.0069624509	$+0.56x_{31} - 2.30x_{22}$	$+1.77x_1$	$-18.21x_4$	$-22.62x_5$	$-8.25x_9$	$+0.06x_{30}$	$+0.89x_{23}$	$-0.27x_2$
z	21.1932796444	$-0.15x_{31} - 0.79x_{22}$	$-3.87x_1$	$-4.41x_4$	$-15.57x_5$	$-1.65x_9$	$-0.20x_{30}$	$+0.12x_{23}$	$+0.01x_2$

x_{21} enters and x_6 leaves

x_{21}	24.649527465	$-0.36x_{31} + 0.03x_{22}$	$-5.46x_1$	$+3.16x_4$	$+6.75x_5$	$-6.76x_9$	$+0.76x_{30}$	$-0.73x_{23}$	$+0.48x_{27}$
x_{13}	4.95029873964	$+0.01x_{31} - 0.06x_{22}$	$+0.02x_1$	$-0.72x_4$	$-0.19x_5$	$-0.89x_9$	$-0.00x_{30}$	$-0.04x_{23}$	$+0.07x_{27}$
x_{10}	3.71781816322	$+0.00x_{31} + 0.00x_{22}$	$+0.11x_1$	$-0.57x_4$	$+0.02x_5$	$-0.68x_9$	$-0.04x_{30}$	$-0.06x_{23}$	$+0.06x_{27}$
x_{11}	1.68444491646	$+0.08x_{31} - 0.03x_{22}$	$+0.22x_1$	$-1.04x_4$	$+1.09x_5$	$-0.52x_9$	$+0.06x_{30}$	$+0.01x_{23}$	$+0.03x_{27}$
x_{20}	58.6372211651	$+0.56x_{31} - 1.06x_{22}$	$+5.44x_1$	$-16.21x_4$	$-15.93x_5$	$-10.69x_9$	$-0.61x_{30}$	$-0.38x_{23}$	$+1.12x_{27}$
x_{18}	24.8593222416	$-0.20x_{31} - 0.08x_{22}$	$-7.97x_1$	$-7.65x_4$	$-3.32x_5$	$-5.34x_9$	$+0.28x_{30}$	$-0.58x_{23}$	$+0.45x_{27}$
x_7	5.06247165689	$+0.03x_{31} - 0.03x_{22}$	$-0.22x_1$	$-0.77x_4$	$-0.02x_5$	$-0.29x_9$	$-0.05x_{30}$	$+0.04x_{23}$	$+0.03x_{27}$
x_8	3.01370008056	$-0.03x_{31} + 0.14x_{22}$	$-0.02x_1$	$+1.08x_4$	$-0.28x_5$	$-0.51x_9$	$-0.04x_{30}$	$-0.05x_{23}$	$-0.02x_{27}$
x_{24}	9.01282146142	$-0.39x_{31} + 0.56x_{22}$	$+8.95x_1$	$+4.55x_4$	$-23.86x_5$	$+4.78x_9$	$-1.55x_{30}$	$-0.08x_{23}$	$-0.15x_{27}$
x_2	1.16266804927	$-0.02x_{31} - 0.06x_{22}$	$-0.31x_1$	$-0.80x_4$	$+0.32x_5$	$-0.61x_9$	$+0.05x_{30}$	$+0.00x_{23}$	$+0.05x_{27}$
x_{26}	88.1209953293	$-0.31x_{31} + 0.75x_{22}$	$-11.21x_1$	$-5.37x_4$	$-11.77x_5$	$-10.05x_9$	$-1.31x_{30}$	$-0.56x_{23}$	$+0.37x_{27}$
x_{25}	3.21603314156	$-0.15x_{31} + 0.83x_{22}$	$+15.96x_1$	$+16.46x_4$	$-7.06x_5$	$+7.52x_9$	$-0.85x_{30}$	$-0.05x_{23}$	$-0.09x_{27}$
x_{12}	1.39362598455	$-0.00x_{31} + 0.02x_{22}$	$+0.03x_1$	$-0.48x_4$	$-0.53x_5$	$-0.48x_9$	$-0.00x_{30}$	$-0.00x_{23}$	$+0.03x_{27}$
x_{29}	28.7110058104	$+1.12x_{31} - 0.30x_{22}$	$-1.47x_1$	$-11.44x_4$	$+5.50x_5$	$+11.75x_9$	$-0.48x_{30}$	$+0.19x_{23}$	$+0.18x_{27}$
x_{17}	72.3562800505	$-0.51x_{31} + 0.21x_{22}$	$-13.56x_1$	$-12.16x_4$	$-9.64x_5$	$-16.48x_9$	$-1.36x_{30}$	$-0.52x_{23}$	$+0.77x_{27}$
x_{14}	6.17978716661	$+0.02x_{31} - 0.14x_{22}$	$-1.46x_1$	$-1.51x_4$	$-1.03x_5$	$-1.34x_9$	$+0.03x_{30}$	$+0.00x_{23}$	$+0.03x_{27}$
x_{28}	49.4085586572	$+0.21x_{31} - 2.27x_{22}$	$-3.42x_1$	$-15.21x_4$	$-16.22x_5$	$-14.67x_9$	$+0.78x_{30}$	$+0.20x_{23}$	$+0.18x_{27}$
z	21.812553209	$-0.16x_{31} - 0.79x_{22}$	$-4.01x_1$	$-4.33x_4$	$-15.40x_5$	$-1.82x_9$	$-0.18x_{30}$	$+0.10x_{23}$	$+0.03x_{27}$

x_{23} enters and x_{21} leaves

x_{23}	33.8879873935	$-0.50x_{31} + 0.04x_{22}$	$-7.51x_1$	$+4.34x_4$	$+9.28x_5$	$-9.30x_9$	$+1.05x_{30}$	$-1.37x_{21}$	$+0.66x_{27}$
x_{13}	3.47481571187	$+0.03x_{31} - 0.06x_{22}$	$+0.35x_1$	$-0.91x_4$	$-0.60x_5$	$-0.48x_9$	$-0.05x_{30}$	$+0.06x_{21}$	$+0.04x_{27}$
x_{10}	1.77498627222	$+0.03x_{31} + 0.00x_{22}$	$+0.55x_1$	$-0.82x_4$	$-0.52x_5$	$-0.14x_9$	$-0.10x_{30}$	$+0.08x_{21}$	$+0.02x_{27}$
x_{11}	1.93464031937	$+0.07x_{31} - 0.03x_{22}$	$+0.17x_1$	$-1.00x_4$	$+1.16x_5$	$-0.59x_9$	$+0.07x_{30}$	$-0.01x_{21}$	$+0.03x_{27}$
x_{20}	45.9150085243	$+0.75x_{31} - 1.08x_{22}$	$+8.26x_1$	$-17.84x_4$	$-19.41x_5$	$-7.19x_9$	$-1.01x_{30}$	$+0.52x_{21}$	$+0.87x_{27}$
x_{18}	5.26717344463	$+0.09x_{31} - 0.10x_{22}$	$-3.63x_1$	$-10.16x_4$	$-8.68x_5$	$+0.03x_9$	$-0.33x_{30}$	$+0.79x_{21}$	$+0.07x_{27}$
x_7	6.298944926	$+0.01x_{31} - 0.03x_{22}$	$-0.49x_1$	$-0.61x_4$	$+0.32x_5$	$-0.63x_9$	$-0.01x_{30}$	$-0.05x_{21}$	$+0.06x_{27}$
x_8	1.41576963123	$-0.01x_{31} + 0.14x_{22}$	$+0.33x_1$	$+0.87x_4$	$-0.72x_5$	$-0.07x_9$	$-0.09x_{30}$	$+0.06x_{21}$	$-0.05x_{27}$
x_{24}	6.1643637991	$-0.35x_{31} + 0.55x_{22}$	$+9.58x_1$	$+4.19x_4$	$-24.64x_5$	$+5.56x_9$	$-1.64x_{30}$	$+0.12x_{21}$	$-0.21x_{27}$
x_2	1.32144219594	$-0.02x_{31} - 0.06x_{22}$	$-0.35x_1$	$-0.78x_4$	$+0.36x_5$	$-0.66x_9$	$+0.05x_{30}$	$-0.01x_{21}$	$+0.06x_{27}$
x_{26}	68.9929388615	$-0.03x_{31} + 0.72x_{22}$	$-6.97x_1$	$-7.82x_4$	$-17.01x_5$	$-4.80x_9$	$-1.90x_{30}$	$+0.78x_{21}$	$-0.00x_{27}$
x_{25}	1.59259148482	$-0.13x_{31} + 0.82x_{22}$	$+16.32x_1$	$+16.25x_4$	$-7.50x_5$	$+7.97x_9$	$-0.90x_{30}$	$+0.07x_{21}$	$-0.12x_{27}$
x_{12}	1.33369952747	$-0.00x_{31} + 0.02x_{22}$	$+0.04x_1$	$-0.48x_4$	$-0.55x_5$	$-0.47x_9$	$-0.01x_{30}$	$+0.00x_{21}$	$+0.03x_{27}$
x_{29}	35.0215170637	$+1.02x_{31} - 0.29x_{22}$	$-2.87x_1$	$-10.63x_4$	$+7.23x_5$	$+10.02x_9$	$-0.29x_{30}$	$-0.26x_{21}$	$+0.31x_{27}$
x_{17}	54.6400672988	$-0.26x_{31} + 0.19x_{22}$	$-9.63x_1$	$-14.42x_4$	$-14.49x_5$	$-11.62x_9$	$-1.91x_{30}$	$+0.72x_{21}$	$+0.42x_{27}$
x_{14}	6.2333229652	$+0.02x_{31} - 0.14x_{22}$	$-1.47x_1$	$-1.51x_4$	$-1.01x_5$	$-1.35x_9$	$+0.04x_{30}$	$-0.00x_{21}$	$+0.03x_{27}$
x_{28}	56.3081462231	$+0.11x_{31} - 2.26x_{22}$	$-4.95x_1$	$-14.33x_4$	$-14.33x_5$	$-16.56x_9$	$+1.00x_{30}$	$-0.28x_{21}$	$+0.32x_{27}$
z	25.3514634679	$-0.22x_{31} - 0.79x_{22}$	$-4.79x_1$	$-3.88x_4$	$-14.43x_5$	$-2.80x_9$	$-0.07x_{30}$	$-0.14x_{21}$	$+0.09x_{27}$

x_{15} enters and x_{25} leaves

x_{23}	34.7453008451	$-0.56x_{31} + 0.49x_{22} + 1.27x_1 + 13.09x_4 + 5.24x_5 - 5.01x_9 + 0.56x_{30} - 1.34x_{21} + 0.59x_{22}$
x_{13}	3.54248373338	$+0.02x_{31} - 0.03x_{22} + 1.04x_1 - 0.22x_4 - 0.91x_5 - 0.15x_9 - 0.09x_{30} + 0.06x_{21} + 0.04x_{22}$
x_{10}	1.72679638295	$+0.03x_{31} - 0.02x_{22} + 0.05x_1 - 1.31x_4 - 0.29x_5 - 0.39x_9 - 0.07x_{30} + 0.08x_{21} + 0.03x_{22}$
x_{11}	1.98583047614	$+0.07x_{31} - 0.00x_{22} + 0.69x_1 - 0.48x_4 + 0.91x_5 - 0.33x_9 + 0.04x_{30} - 0.01x_{21} + 0.03x_{22}$
x_{20}	46.6316682273	$+0.69x_{31} - 0.71x_{22} + 15.60x_1 - 10.52x_4 - 22.79x_5 - 3.61x_9 - 1.41x_{30} + 0.55x_{21} + 0.82x_{22}$
x_{18}	6.23821873686	$+0.01x_{31} + 0.40x_{22} + 6.32x_1 - 0.25x_4 - 13.26x_5 + 4.89x_9 - 0.87x_{30} + 0.83x_{21} - 0.00x_{22}$
x_7	6.339285837	$+0.00x_{31} - 0.01x_{22} - 0.08x_1 - 0.20x_4 + 0.13x_5 - 0.43x_9 - 0.03x_{30} - 0.05x_{21} + 0.06x_{22}$
x_8	1.3080891554	$+0.00x_{31} + 0.08x_{22} - 0.77x_1 - 0.22x_4 - 0.21x_5 - 0.61x_9 - 0.03x_{30} + 0.06x_{21} - 0.04x_{22}$
x_{24}	4.35499678999	$-0.20x_{31} - 0.38x_{22} - 8.96x_1 - 14.27x_4 - 16.12x_5 - 3.49x_9 - 0.62x_{30} + 0.04x_{21} - 0.07x_{22}$
x_2	1.44871394734	$-0.03x_{31} + 0.00x_{22} + 0.96x_1 + 0.52x_4 - 0.24x_5 - 0.02x_9 - 0.02x_{30} - 0.00x_{21} + 0.05x_{22}$
x_{26}	67.2630232577	$+0.11x_{31} - 0.17x_{22} - 24.69x_1 - 25.48x_4 - 8.87x_5 - 13.45x_9 - 0.93x_{30} + 0.70x_{21} + 0.13x_{22}$
x_{15}	0.0866192659129	$-0.01x_{31} + 0.04x_{22} + 0.89x_1 + 0.88x_4 - 0.41x_5 + 0.43x_9 - 0.05x_{30} + 0.00x_{21} - 0.01x_{22}$
x_{12}	1.28845829064	$+0.00x_{31} - 0.01x_{22} - 0.42x_1 - 0.95x_4 - 0.33x_5 - 0.69x_9 + 0.02x_{30} + 0.00x_{21} + 0.03x_{22}$
x_{29}	35.0233236059	$+1.02x_{31} - 0.29x_{22} - 2.85x_1 - 10.61x_4 + 7.22x_5 + 10.03x_9 - 0.29x_{30} - 0.26x_{21} + 0.31x_{22}$
x_{17}	53.4001254474	$-0.16x_{31} - 0.45x_{22} - 22.34x_1 - 27.08x_4 - 8.65x_5 - 17.82x_9 - 1.21x_{30} + 0.67x_{21} + 0.52x_{22}$
x_{14}	6.36333560181	$+0.01x_{31} - 0.08x_{22} - 0.14x_1 - 0.18x_4 - 1.63x_5 - 0.70x_9 - 0.04x_{30} + 0.00x_{21} + 0.02x_{22}$
x_{28}	58.8798387892	$-0.09x_{31} - 0.93x_{22} + 21.40x_1 + 11.91x_4 - 26.44x_5 - 3.70x_9 - 0.45x_{30} - 0.17x_{21} + 0.12x_{22}$
z	25.3842545714	$-0.22x_{31} - 0.77x_{22} - 4.46x_1 - 3.54x_4 - 14.59x_5 - 2.63x_9 - 0.09x_{30} - 0.14x_{21} + 0.09x_{22}$

x_{27} enters and x_{15} leaves

x_{23}	42.5586248888	$-1.19x_{31} + 4.53x_{22} + 81.32x_1 + 92.81x_4 - 31.55x_5 + 34.07x_9 - 3.83x_{30} - 1.02x_{21} - 90.7x_{22}$
x_{13}	4.032382199	$-0.02x_{31} + 0.23x_{22} + 6.06x_1 + 4.78x_4 - 3.22x_5 + 2.30x_9 - 0.36x_{30} + 0.08x_{21} - 5.6x_{22}$
x_{10}	2.07613831955	$+0.01x_{31} + 0.16x_{22} + 3.63x_1 + 2.25x_4 - 1.93x_5 + 1.36x_9 - 0.27x_{30} + 0.09x_{21} - 4.0x_{22}$
x_{11}	2.35675023782	$+0.04x_{31} + 0.19x_{22} + 4.49x_1 + 3.30x_4 - 0.83x_5 + 1.52x_9 - 0.17x_{30} + 0.01x_{21} - 4.2x_{22}$
x_{20}	57.4092809972	$-0.17x_{31} + 4.87x_{22} + 126.02x_1 + 99.45x_4 - 73.54x_5 + 50.30x_9 - 7.48x_{30} + 0.99x_{21} - 124.7x_{22}$
x_{18}	6.21614200109	$+0.01x_{31} + 0.39x_{22} + 6.10x_1 - 0.48x_4 - 13.15x_5 + 4.78x_9 - 0.86x_{30} + 0.83x_{21} + 0.2x_{22}$
x_7	7.06608665307	$-0.05x_{31} + 0.37x_{22} + 7.37x_1 + 7.22x_4 - 3.29x_5 + 3.21x_9 - 0.44x_{30} - 0.02x_{21} - 8.3x_{22}$
x_8	0.788229161318	$+0.04x_{31} - 0.19x_{22} - 6.10x_1 - 5.53x_4 + 2.24x_5 - 3.21x_9 + 0.26x_{30} + 0.04x_{21} + 6.0x_{22}$
x_{24}	3.43644663112	$-0.13x_{31} - 0.86x_{22} - 18.37x_1 - 23.65x_4 - 11.79x_5 - 8.09x_9 - 0.10x_{30} + 0.00x_{21} + 10.6x_{22}$
x_2	2.07883311286	$-0.08x_{31} + 0.33x_{22} + 7.41x_1 + 6.95x_4 - 3.21x_5 + 3.13x_9 - 0.38x_{30} + 0.02x_{21} - 7.2x_{22}$
x_{26}	68.9338524346	$-0.03x_{31} + 0.69x_{22} - 7.57x_1 - 8.43x_4 - 16.73x_5 - 5.09x_9 - 1.87x_{30} + 0.77x_{21} - 19.5x_{22}$
x_{27}	13.2053246358	$-1.06x_{31} + 6.83x_{22} + 135.29x_1 + 134.75x_4 - 62.19x_5 + 66.05x_9 - 7.43x_{30} + 0.55x_{21} - 152.7x_{22}$
x_{12}	1.67954746867	$-0.03x_{31} + 0.20x_{22} + 3.58x_1 + 3.04x_4 - 2.17x_5 + 1.26x_9 - 0.20x_{30} + 0.02x_{21} - 4.5x_{22}$
x_{29}	39.0707455959	$+0.70x_{31} + 1.80x_{22} + 38.62x_1 + 30.69x_4 - 11.84x_5 + 30.27x_9 - 2.57x_{30} - 0.09x_{21} - 46.7x_{22}$
x_{17}	60.2234340635	$-0.70x_{31} + 3.08x_{22} + 47.57x_1 + 42.55x_4 - 40.78x_5 + 16.31x_9 - 5.05x_{30} + 0.95x_{21} - 78.7x_{22}$
x_{14}	6.68390041828	$-0.02x_{31} + 0.09x_{22} + 3.15x_1 + 3.09x_4 - 3.13x_5 + 0.90x_9 - 0.22x_{30} + 0.02x_{21} - 3.7x_{22}$
x_{28}	60.4854715795	$-0.22x_{31} - 0.10x_{22} + 37.85x_1 + 28.29x_4 - 34.00x_5 + 4.33x_9 - 1.35x_{30} - 0.11x_{21} - 18.5x_{22}$
z	26.6035043551	$-0.32x_{31} - 0.14x_{22} + 8.04x_1 + 8.90x_4 - 20.33x_5 + 3.47x_9 - 0.77x_{30} - 0.09x_{21} - 14.0x_{22}$

x_1 enters and x_8 leaves

x_{23}	53.0687599854	$-0.62x_{31} + 2.02x_{22} - 13.33x_8 + 19.09x_4 - 1.71x_5 - 8.69x_9 - 0.30x_{30} - 0.50x_{21} - 10.18x_{22}$
x_{13}	4.81552042587	$+0.03x_{31} + 0.04x_{22} - 0.99x_8 - 0.71x_4 - 1.00x_5 - 0.88x_9 - 0.10x_{30} + 0.12x_{21} + 0.31x_{22}$
x_{10}	2.54539760081	$+0.03x_{31} + 0.05x_{22} - 0.60x_8 - 1.04x_4 - 0.60x_5 - 0.55x_9 - 0.11x_{30} + 0.11x_{21} - 0.46x_{22}$
x_{11}	2.93703009241	$+0.07x_{31} + 0.05x_{22} - 0.74x_8 - 0.77x_4 + 0.81x_5 - 0.84x_9 + 0.03x_{30} + 0.04x_{21} + 0.14x_{22}$
x_{20}	73.6969212198	$+0.71x_{31} + 0.97x_{22} - 20.66x_8 - 14.80x_4 - 27.30x_5 - 15.97x_9 - 2.01x_{30} + 1.79x_{21} - 0.41x_{22}$
x_{18}	7.00395937145	$+0.05x_{31} + 0.20x_{22} - 1.00x_8 - 6.00x_4 - 10.92x_5 + 1.57x_9 - 0.59x_{30} + 0.87x_{21} + 6.25x_{22}$
x_7	8.01830734802	$-0.00x_{31} + 0.14x_{22} - 1.21x_8 + 0.54x_4 - 0.59x_5 - 0.67x_9 - 0.12x_{30} + 0.03x_{21} - 1.14x_{22}$
x_1	0.129249288598	$+0.01x_{31} - 0.03x_{22} - 0.16x_8 - 0.91x_4 + 0.37x_5 - 0.53x_9 + 0.04x_{30} + 0.01x_{21} + 0.98x_{22}$
x_{24}	1.06205869697	$-0.26x_{31} - 0.29x_{22} + 3.01x_8 - 6.99x_4 - 18.53x_5 + 1.57x_9 - 0.90x_{30} - 0.11x_{21} - 7.47x_{22}$
x_2	3.03677461984	$-0.03x_{31} + 0.10x_{22} - 1.22x_8 + 0.23x_4 - 0.49x_5 - 0.77x_9 - 0.05x_{30} + 0.07x_{21} + 0.02x_{22}$
x_{26}	67.9552010035	$-0.08x_{31} + 0.93x_{22} + 1.24x_8 - 1.56x_4 - 19.51x_5 - 1.11x_9 - 2.20x_{30} + 0.73x_{21} - 26.74x_{22}$
x_{27}	30.691125274	$-0.12x_{31} + 2.65x_{22} - 22.18x_8 + 12.09x_4 - 12.54x_5 - 5.10x_9 - 1.56x_{30} + 1.41x_{21} - 19.31x_{22}$
x_{12}	2.14259690612	$-0.01x_{31} + 0.08x_{22} - 0.59x_8 - 0.20x_4 - 0.86x_5 - 0.62x_9 - 0.05x_{30} + 0.04x_{21} - 0.99x_{22}$
x_{29}	44.061870467	$+0.97x_{31} + 0.61x_{22} - 6.33x_8 - 4.33x_4 + 2.33x_5 + 9.97x_9 - 0.89x_{30} + 0.16x_{21} - 8.72x_{22}$
x_{17}	66.3715844846	$-0.37x_{31} + 1.61x_{22} - 7.80x_8 - 0.58x_4 - 23.33x_5 - 8.71x_9 - 2.98x_{30} + 1.25x_{21} - 31.96x_{22}$
x_{14}	7.09055453933	$+0.00x_{31} - 0.01x_{22} - 0.52x_8 + 0.24x_4 - 1.98x_5 - 0.75x_9 - 0.08x_{30} + 0.04x_{21} - 0.60x_{22}$
x_{28}	65.3772160869	$+0.04x_{31} - 1.27x_{22} - 6.21x_8 - 6.02x_4 - 20.11x_5 - 15.57x_9 + 0.29x_{30} + 0.13x_{21} + 18.71x_{22}$
z	27.6420972285	$-0.26x_{31} - 0.39x_{22} - 1.32x_8 + 1.61x_4 - 17.38x_5 - 0.76x_9 - 0.42x_{30} - 0.04x_{21} - 6.17x_{22}$

x_4 enters and x_1 leaves

x_{23}	55.7896125508	$-0.48x_{31} + 1.37x_{22} - 16.79x_8 - 21.05x_1 + 6.01x_5 - 19.76x_9 + 0.61x_{30} - 0.36x_{21} + 10.54x_{22}$
x_{13}	4.71393625216	$+0.02x_{31} + 0.06x_{22} - 0.86x_8 + 0.79x_1 - 1.29x_5 - 0.47x_9 - 0.14x_{30} + 0.12x_{21} - 0.47x_{22}$
x_{10}	2.39730389066	$+0.02x_{31} + 0.08x_{22} - 0.41x_8 + 1.15x_1 - 1.02x_5 + 0.05x_9 - 0.16x_{30} + 0.11x_{21} - 1.59x_{22}$
x_{11}	2.82757639967	$+0.07x_{31} + 0.08x_{22} - 0.60x_8 + 0.85x_1 + 0.50x_5 - 0.40x_9 - 0.01x_{30} + 0.03x_{21} - 0.70x_{22}$
x_{20}	71.5865385072	$+0.59x_{31} + 1.48x_{22} - 17.99x_8 + 16.33x_1 - 33.29x_5 - 7.39x_9 - 2.72x_{30} + 1.69x_{21} - 16.48x_{22}$
x_{18}	6.14822867925	$+0.01x_{31} + 0.40x_{22} + 0.09x_8 + 6.62x_1 - 13.35x_5 + 5.05x_9 - 0.88x_{30} + 0.83x_{21} - 0.26x_{22}$
x_7	8.09520567065	$+0.00x_{31} + 0.12x_{22} - 1.31x_8 - 0.59x_1 - 0.37x_5 - 0.98x_9 - 0.10x_{30} + 0.03x_{21} - 0.55x_{22}$
x_4	0.142556046534	$+0.01x_{31} - 0.03x_{22} - 0.18x_8 - 1.10x_1 + 0.40x_5 - 0.58x_9 + 0.05x_{30} + 0.01x_{21} + 1.09x_{22}$
x_{24}	0.0653547460606	$-0.31x_{31} - 0.05x_{22} + 4.28x_8 + 7.71x_1 - 21.36x_5 + 5.63x_9 - 1.24x_{30} - 0.16x_{21} - 15.06x_{22}$
x_2	3.06894087799	$-0.03x_{31} + 0.09x_{22} - 1.26x_8 - 0.25x_1 - 0.39x_5 - 0.90x_9 - 0.04x_{30} + 0.07x_{21} + 0.26x_{22}$
x_{26}	67.7326112274	$-0.09x_{31} + 0.98x_{22} + 1.52x_8 + 1.72x_1 - 20.14x_5 - 0.21x_9 - 2.27x_{30} + 0.71x_{21} - 28.44x_{22}$
x_{27}	32.4141275702	$-0.02x_{31} + 2.24x_{22} - 24.37x_8 - 13.33x_1 - 7.65x_5 - 12.11x_9 - 0.98x_{30} + 1.49x_{21} - 6.19x_{22}$
x_{12}	2.11350215644	$-0.01x_{31} + 0.09x_{22} - 0.55x_8 + 0.23x_1 - 0.94x_5 - 0.50x_9 - 0.06x_{30} + 0.04x_{21} - 1.21x_{22}$
x_{29}	43.445256807	$+0.94x_{31} + 0.75x_{22} - 5.55x_8 + 4.77x_1 + 0.58x_5 + 12.48x_9 - 1.10x_{30} + 0.13x_{21} - 13.42x_{22}$
x_{17}	66.2889518109	$-0.38x_{31} + 1.63x_{22} - 7.70x_8 + 0.64x_1 - 23.56x_5 - 8.37x_9 - 3.01x_{30} + 1.25x_{21} - 32.59x_{22}$
x_{14}	7.12446001464	$+0.01x_{31} - 0.01x_{22} - 0.56x_8 - 0.26x_1 - 1.88x_5 - 0.89x_9 - 0.07x_{30} + 0.04x_{21} - 0.35x_{22}$
x_{28}	64.518848059	$-0.01x_{31} - 1.07x_{22} - 5.12x_8 + 6.64x_1 - 22.55x_5 - 12.08x_9 - 0.00x_{30} + 0.09x_{21} + 12.17x_{22}$
z	27.8718765075	$-0.25x_{31} - 0.44x_{22} - 1.61x_8 - 1.78x_1 - 16.73x_5 - 1.69x_9 - 0.35x_{30} - 0.03x_{21} - 4.42x_{22}$

x_{32} enters and x_4 leaves

x_{23}	51.3576600785	$-0.72x_{31} + 2.43x_{22} - 11.16x_8 + 13.24x_1 - 6.57x_5 - 1.73x_9 - 0.88x_{30} - 0.58x_{21} - 23.21x_{15}$
x_{13}	4.87592668664	$+0.03x_{31} + 0.02x_{22} - 1.07x_8 - 0.47x_1 - 0.83x_5 - 1.13x_9 - 0.08x_{30} + 0.12x_{21} + 0.77x_{15}$
x_{10}	2.52798636327	$+0.03x_{31} + 0.05x_{22} - 0.57x_8 + 0.13x_1 - 0.65x_5 - 0.48x_9 - 0.11x_{30} + 0.11x_{21} - 0.59x_{15}$
x_{11}	2.79118058882	$+0.06x_{31} + 0.08x_{22} - 0.55x_8 + 1.13x_1 + 0.40x_5 - 0.25x_9 - 0.02x_{30} + 0.03x_{21} - 0.97x_{15}$
x_{20}	74.1728621204	$+0.73x_{31} + 0.86x_{22} - 21.27x_8 - 3.68x_1 - 25.95x_5 - 17.91x_9 - 1.85x_{30} + 1.82x_{21} + 3.21x_{15}$
x_{18}	7.53036971881	$+0.08x_{31} + 0.07x_{22} - 1.67x_8 - 4.07x_1 - 9.42x_5 - 0.57x_9 - 0.42x_{30} + 0.90x_{21} + 10.26x_{15}$
x_7	7.99764950165	$-0.00x_{31} + 0.14x_{22} - 1.18x_8 + 0.16x_1 - 0.65x_5 - 0.58x_9 - 0.13x_{30} + 0.03x_{21} - 1.30x_{15}$
x_{32}	1.84062597078	$+0.10x_{31} - 0.44x_{22} - 2.34x_8 - 14.24x_1 + 5.23x_5 - 7.49x_9 + 0.62x_{30} + 0.09x_{21} + 14.01x_{15}$
x_{24}	1.7403436834	$-0.22x_{31} - 0.45x_{22} + 2.15x_8 - 5.25x_1 - 16.61x_5 - 1.19x_9 - 0.67x_{30} - 0.08x_{21} - 2.31x_{15}$
x_2	2.95671911111	$-0.03x_{31} + 0.12x_{22} - 1.11x_8 + 0.62x_1 - 0.71x_5 - 0.44x_9 - 0.08x_{30} + 0.07x_{21} - 0.59x_{15}$
x_{26}	69.6892698079	$+0.01x_{31} + 0.51x_{22} - 0.96x_8 - 13.42x_1 - 14.59x_5 - 8.17x_9 - 1.62x_{30} + 0.81x_{21} - 13.54x_{15}$
x_{27}	29.3601640527	$-0.19x_{31} + 2.97x_{22} - 20.50x_8 + 10.30x_1 - 16.32x_5 + 0.32x_9 - 2.01x_{30} + 1.34x_{21} - 29.45x_{15}$
x_{12}	2.16751194523	$-0.00x_{31} + 0.08x_{22} - 0.62x_8 - 0.19x_1 - 0.79x_5 - 0.72x_9 - 0.04x_{30} + 0.04x_{21} - 0.80x_{15}$
x_{29}	43.7694217305	$+0.95x_{31} + 0.68x_{22} - 5.96x_8 + 2.26x_1 + 1.50x_5 + 11.16x_9 - 0.99x_{30} + 0.14x_{21} - 10.95x_{15}$
x_{17}	68.4052091311	$-0.26x_{31} + 1.12x_{22} - 10.38x_8 - 15.73x_1 - 17.56x_5 - 16.98x_9 - 2.30x_{30} + 1.35x_{21} - 16.48x_{15}$
x_{14}	7.31508881968	$+0.02x_{31} - 0.06x_{22} - 0.80x_8 - 1.74x_1 - 1.34x_5 - 1.67x_9 - 0.01x_{30} + 0.05x_{21} + 1.11x_{15}$
x_{28}	66.3950790166	$+0.10x_{31} - 1.52x_{22} - 7.50x_8 - 7.88x_1 - 17.22x_5 - 19.71x_9 + 0.63x_{30} + 0.18x_{21} + 26.46x_{15}$
z	29.2192047023	$-0.18x_{31} - 0.76x_{22} - 3.32x_8 - 12.20x_1 - 12.90x_5 - 7.18x_9 + 0.11x_{30} + 0.04x_{21} + 5.84x_{15}$

x_{15} enters and x_{24} leaves

x_{23}	33.8731915213	$+1.49x_{31} + 6.96x_{22} - 32.78x_8 + 65.96x_1 + 160.29x_5 + 10.18x_9 + 5.89x_{30} + 0.23x_{21} + 10.05x_{15}$
x_{13}	5.45387201697	$-0.04x_{31} - 0.13x_{22} - 0.36x_8 - 2.21x_1 - 6.34x_5 - 1.52x_9 - 0.30x_{30} + 0.10x_{21} - 0.33x_{15}$
x_{10}	2.08145946818	$+0.09x_{31} + 0.17x_{22} - 1.13x_8 + 1.48x_1 + 3.61x_5 - 0.17x_9 + 0.06x_{30} + 0.13x_{21} + 0.26x_{15}$
x_{11}	2.05704228127	$+0.16x_{31} + 0.27x_{22} - 1.46x_8 + 3.34x_1 + 7.41x_5 + 0.25x_9 + 0.26x_{30} + 0.06x_{21} + 0.42x_{15}$
x_{20}	76.5949449916	$+0.43x_{31} + 0.23x_{22} - 18.27x_8 - 10.99x_1 - 49.06x_5 - 19.56x_9 - 2.78x_{30} + 1.71x_{21} - 1.39x_{15}$
x_{18}	15.261823818	$-0.89x_{31} - 1.93x_{22} + 7.89x_8 - 27.39x_1 - 83.21x_5 - 5.84x_9 - 3.41x_{30} + 0.54x_{21} - 4.44x_{15}$
x_7	7.01989175668	$+0.12x_{31} + 0.40x_{22} - 2.39x_8 + 3.11x_1 + 8.68x_5 + 0.08x_9 + 0.25x_{30} + 0.07x_{21} + 0.56x_{15}$
x_{32}	12.3998769039	$-1.23x_{31} - 3.18x_{22} + 10.72x_8 - 46.08x_1 - 95.55x_5 - 14.68x_9 - 3.47x_{30} - 0.40x_{21} - 6.07x_{15}$
x_{15}	0.7534391176	$-0.09x_{31} - 0.20x_{22} + 0.93x_8 - 2.27x_1 - 7.19x_5 - 0.51x_9 - 0.29x_{30} - 0.04x_{21} - 0.43x_{15}$
x_2	2.51199414508	$+0.02x_{31} + 0.23x_{22} - 1.66x_8 + 1.96x_1 + 3.53x_5 - 0.14x_9 + 0.09x_{30} + 0.09x_{21} + 0.26x_{15}$
x_{26}	59.4895773474	$+1.30x_{31} + 3.16x_{22} - 13.57x_8 + 17.34x_1 + 82.75x_5 - 1.22x_9 + 2.33x_{30} + 1.28x_{21} + 5.86x_{15}$
x_{27}	7.17310346356	$+2.61x_{31} + 8.73x_{22} - 47.93x_8 + 77.20x_1 + 195.42x_5 + 15.43x_9 + 6.59x_{30} + 2.37x_{21} + 12.75x_{15}$
x_{12}	1.56504734798	$+0.07x_{31} + 0.23x_{22} - 1.36x_8 + 1.62x_1 + 4.96x_5 - 0.31x_9 + 0.20x_{30} + 0.07x_{21} + 0.35x_{15}$
x_{29}	35.519021278	$+1.99x_{31} + 2.82x_{22} - 16.16x_8 + 27.14x_1 + 80.24x_5 + 16.78x_9 + 2.21x_{30} + 0.53x_{21} + 4.74x_{15}$
x_{17}	55.9910971751	$+1.30x_{31} + 4.34x_{22} - 25.73x_8 + 21.70x_1 + 100.92x_5 - 8.53x_9 + 2.51x_{30} + 1.93x_{21} + 7.13x_{15}$
x_{14}	8.14770821967	$-0.09x_{31} - 0.28x_{22} + 0.23x_8 - 4.25x_1 - 9.29x_5 - 2.23x_9 - 0.33x_{30} + 0.01x_{21} - 0.48x_{15}$
x_{28}	86.3308949132	$-2.42x_{31} - 6.69x_{22} + 17.15x_8 - 67.99x_1 - 207.48x_5 - 33.29x_9 - 7.09x_{30} - 0.74x_{21} - 11.46x_{15}$
z	33.6194974673	$-0.73x_{31} - 1.91x_{22} + 2.12x_8 - 25.47x_1 - 54.90x_5 - 10.17x_9 - 1.60x_{30} - 0.17x_{21} - 2.53x_{15}$

x_6 enters and x_{27} leaves

x_{23}	25.5704936241	$-1.53x_{31} - 3.14x_{22} + 22.69x_8 - 23.40x_1 - 65.90x_5 - 7.68x_9 - 1.73x_{30} - 2.52x_{21} - 4.71x_2$
x_{13}	5.91868925819	$+0.13x_{31} + 0.44x_{22} - 3.46x_8 + 2.79x_1 + 6.32x_5 - 0.52x_9 + 0.12x_{30} + 0.25x_{21} + 0.49x_2$
x_{10}	2.07242173674	$+0.08x_{31} + 0.15x_{22} - 1.06x_8 + 1.38x_1 + 3.36x_5 - 0.19x_9 + 0.05x_{30} + 0.13x_{21} + 0.24x_2$
x_{11}	1.85606604909	$+0.08x_{31} + 0.03x_{22} - 0.12x_8 + 1.18x_1 + 1.93x_5 - 0.18x_9 + 0.08x_{30} - 0.00x_{21} + 0.06x_2$
x_{20}	80.5001624487	$+1.85x_{31} + 4.98x_{22} - 44.37x_8 + 31.04x_1 + 57.33x_5 - 11.16x_9 + 0.80x_{30} + 3.00x_{21} + 5.55x_2$
x_{18}	19.9810354608	$+0.82x_{31} + 3.81x_{22} - 23.64x_8 + 23.40x_1 + 45.36x_5 + 4.32x_9 + 0.92x_{30} + 2.10x_{21} + 3.94x_2$
x_7	6.75131978453	$+0.02x_{31} + 0.07x_{22} - 0.60x_8 + 0.22x_1 + 1.37x_5 - 0.50x_9 + 0.00x_{30} - 0.02x_{21} + 0.08x_2$
x_{32}	16.3016709978	$+0.19x_{31} + 1.57x_{22} - 15.35x_8 - 4.09x_1 + 10.75x_5 - 6.29x_9 + 0.11x_{30} + 0.89x_{21} + 0.87x_2$
x_{15}	1.08885128999	$+0.03x_{31} + 0.21x_{22} - 1.31x_8 + 1.34x_1 + 1.95x_5 + 0.21x_9 + 0.02x_{30} + 0.08x_{21} + 0.16x_2$
x_2	2.40293674135	$-0.02x_{31} + 0.10x_{22} - 0.93x_8 + 0.79x_1 + 0.56x_5 - 0.37x_9 - 0.01x_{30} + 0.05x_{21} + 0.06x_2$
x_{26}	56.3011733537	$+0.14x_{31} - 0.72x_{22} + 7.73x_8 - 16.98x_1 - 4.11x_5 - 8.08x_9 - 0.59x_{30} + 0.23x_{21} + 0.19x_2$
x_6	0.116236562969	$+0.04x_{31} + 0.14x_{22} - 0.78x_8 + 1.25x_1 + 3.17x_5 + 0.25x_9 + 0.11x_{30} + 0.04x_{21} + 0.21x_2$
x_{12}	1.38297375281	$+0.00x_{31} + 0.01x_{22} - 0.15x_8 - 0.34x_1 + 0.00x_5 - 0.70x_9 + 0.03x_{30} + 0.01x_{21} + 0.02x_2$
x_{29}	33.9260159222	$+1.41x_{31} + 0.88x_{22} - 5.52x_8 + 10.00x_1 + 36.84x_5 + 13.35x_9 + 0.74x_{30} - 0.00x_{21} + 1.91x_2$
x_{17}	52.8799007875	$+0.17x_{31} + 0.56x_{22} - 4.94x_8 - 11.78x_1 + 16.16x_5 - 15.22x_9 - 0.35x_{30} + 0.90x_{21} + 1.60x_2$
x_{14}	8.50726221858	$+0.04x_{31} + 0.16x_{22} - 2.17x_8 - 0.38x_1 + 0.51x_5 - 1.46x_9 + 0.00x_{30} + 0.13x_{21} + 0.16x_2$
x_{28}	92.9608358251	$-0.01x_{31} + 1.38x_{22} - 27.15x_8 + 3.37x_1 - 26.86x_5 - 19.03x_9 - 1.00x_{30} + 1.45x_{21} + 0.33x_2$
z	34.9864119736	$-0.23x_{31} - 0.24x_{22} - 7.01x_8 - 10.76x_1 - 17.66x_5 - 7.23x_9 - 0.34x_{30} + 0.29x_{21} - 0.10x_2$

x_{21} enters and x_{23} leaves

x_{21}	10.1567135446	$-0.61x_{31} - 1.25x_{22} + 9.01x_8 - 9.29x_1 - 26.18x_5 - 3.05x_9 - 0.69x_{30} - 0.40x_{23} - 1.87x_2$
x_{13}	8.47313035333	$-0.03x_{31} + 0.13x_{22} - 1.19x_8 + 0.46x_1 - 0.26x_5 - 1.29x_9 - 0.05x_{30} - 0.10x_{23} + 0.02x_2$
x_{10}	3.40623091593	$+0.00x_{31} - 0.01x_{22} + 0.12x_8 + 0.16x_1 - 0.07x_5 - 0.59x_9 - 0.04x_{30} - 0.05x_{23} - 0.01x_2$
x_{11}	1.81886982418	$+0.08x_{31} + 0.03x_{22} - 0.15x_8 + 1.21x_1 + 2.03x_5 - 0.17x_9 + 0.08x_{30} + 0.00x_{23} + 0.07x_2$
x_{20}	110.952234621	$+0.02x_{31} + 1.24x_{22} - 17.34x_8 + 3.18x_1 - 21.16x_5 - 20.31x_9 - 1.26x_{30} - 1.19x_{23} - 0.06x_2$
x_{18}	41.3253584738	$-0.45x_{31} + 1.19x_{22} - 4.70x_8 + 3.87x_1 - 9.65x_5 - 2.10x_9 - 0.52x_{30} - 0.83x_{23} + 0.01x_2$
x_7	6.58945913034	$+0.03x_{31} + 0.09x_{22} - 0.74x_8 + 0.37x_1 + 1.78x_5 - 0.45x_9 + 0.01x_{30} + 0.01x_{23} + 0.11x_2$
x_{32}	25.3550985056	$-0.36x_{31} + 0.46x_{22} - 7.31x_8 - 12.37x_1 - 12.58x_5 - 9.01x_9 - 0.50x_{30} - 0.35x_{23} - 0.80x_2$
x_{15}	1.86069807119	$-0.02x_{31} + 0.12x_{22} - 0.62x_8 + 0.63x_1 - 0.04x_5 - 0.02x_9 - 0.04x_{30} - 0.03x_{23} + 0.02x_2$
x_2	2.93873498184	$-0.05x_{31} + 0.04x_{22} - 0.46x_8 + 0.30x_1 - 0.82x_5 - 0.53x_9 - 0.04x_{30} - 0.02x_{23} - 0.04x_2$
x_{26}	58.6334438622	$-0.00x_{31} - 1.01x_{22} + 9.80x_8 - 19.11x_1 - 10.12x_5 - 8.78x_9 - 0.75x_{30} - 0.09x_{23} - 0.24x_2$
x_6	0.506999420292	$+0.02x_{31} + 0.09x_{22} - 0.43x_8 + 0.89x_1 + 2.16x_5 + 0.13x_9 + 0.08x_{30} - 0.02x_{23} + 0.13x_2$
x_{12}	1.46972221543	$-0.00x_{31} + 0.00x_{22} - 0.07x_8 - 0.42x_1 - 0.22x_5 - 0.73x_9 + 0.02x_{30} - 0.00x_{23} + 0.01x_2$
x_{29}	33.9203212301	$+1.41x_{31} + 0.88x_{22} - 5.52x_8 + 10.00x_1 + 36.85x_5 + 13.35x_9 + 0.74x_{30} + 0.00x_{23} + 1.91x_2$
x_{17}	62.0254795642	$-0.38x_{31} - 0.57x_{22} + 3.18x_8 - 20.15x_1 - 7.41x_5 - 17.97x_9 - 0.97x_{30} - 0.36x_{23} - 0.08x_2$
x_{14}	9.80625039364	$-0.04x_{31} + 0.00x_{22} - 1.02x_8 - 1.57x_1 - 2.84x_5 - 1.85x_9 - 0.09x_{30} - 0.05x_{23} - 0.08x_2$
x_{28}	107.708407706	$-0.89x_{31} - 0.43x_{22} - 14.06x_8 - 10.13x_1 - 64.87x_5 - 23.46x_9 - 2.00x_{30} - 0.58x_{23} - 2.39x_2$
z	37.8820233108	$-0.41x_{31} - 0.60x_{22} - 4.44x_8 - 13.41x_1 - 25.12x_5 - 8.10x_9 - 0.54x_{30} - 0.11x_{23} - 0.63x_2$

x_{25} enters and x_6 leaves

x_{21}	15.1540451819	$-0.42x_{31} - 0.32x_{22} + 4.78x_8$	$-0.49x_1$	$-4.89x_5$	$-1.74x_9$	$+0.10x_{30}$	$-0.55x_{23}$	$-0.54x_{24}$
x_{13}	8.31094024413	$-0.03x_{31} + 0.10x_{22} - 1.06x_8$	$+0.17x_1$	$-0.95x_5$	$-1.33x_9$	$-0.08x_{30}$	$-0.10x_{23}$	$-0.02x_{24}$
x_{10}	3.40625200596	$+0.00x_{31} - 0.01x_{22} + 0.12x_8$	$+0.16x_1$	$-0.07x_5$	$-0.59x_9$	$-0.04x_{30}$	$-0.05x_{23}$	$-0.01x_{24}$
x_{11}	1.42543931177	$+0.07x_{31} - 0.04x_{22} + 0.18x_8$	$+0.52x_1$	$+0.35x_5$	$-0.27x_9$	$+0.02x_{30}$	$+0.01x_{23}$	$-0.03x_{24}$
x_{20}	111.525303761	$+0.04x_{31} + 1.35x_{22} - 17.83x_8$	$+4.19x_1$	$-18.71x_5$	$-20.16x_9$	$-1.17x_{30}$	$-1.21x_{23}$	$+0.09x_{24}$
x_{18}	38.420143467	$-0.56x_{31} + 0.65x_{22} - 2.23x_8$	$-1.24x_1$	$-22.03x_5$	$-2.86x_9$	$-0.98x_{30}$	$-0.75x_{23}$	$-0.76x_{24}$
x_7	6.19892709454	$+0.02x_{31} + 0.02x_{22} - 0.41x_8$	$-0.32x_1$	$+0.12x_5$	$-0.55x_9$	$-0.05x_{30}$	$+0.02x_{23}$	$+0.01x_{24}$
x_{32}	30.0111476724	$-0.18x_{31} + 1.31x_{22} - 11.26x_8$	$-4.17x_1$	$+7.25x_5$	$-7.79x_9$	$+0.24x_{30}$	$-0.49x_{23}$	$+0.44x_{24}$
x_{15}	1.65992379116	$-0.03x_{31} + 0.08x_{22} - 0.45x_8$	$+0.28x_1$	$-0.90x_5$	$-0.08x_9$	$-0.07x_{30}$	$-0.02x_{23}$	$-0.03x_{24}$
x_2	2.86917003573	$-0.05x_{31} + 0.02x_{22} - 0.40x_8$	$+0.17x_1$	$-1.12x_5$	$-0.55x_9$	$-0.06x_{30}$	$-0.02x_{23}$	$-0.06x_{24}$
x_{26}	61.0968966976	$+0.09x_{31} - 0.55x_{22} + 7.72x_8$	$-14.77x_1$	$+0.37x_5$	$-8.13x_9$	$-0.36x_{30}$	$-0.17x_{23}$	$+0.42x_{24}$
x_{25}	3.83802033413	$+0.14x_{31} + 0.71x_{22} - 3.25x_8$	$+6.76x_1$	$+16.35x_5$	$+1.00x_9$	$+0.61x_{30}$	$-0.12x_{23}$	$+1.02x_{24}$
x_{12}	1.56123700758	$+0.00x_{31} + 0.02x_{22} - 0.15x_8$	$-0.25x_1$	$+0.17x_5$	$-0.71x_9$	$+0.04x_{30}$	$-0.01x_{23}$	$+0.03x_{24}$
x_{29}	27.0191461101	$+1.16x_{31} - 0.39x_{22} + 0.33x_8$	$-2.16x_1$	$+7.46x_5$	$+11.55x_9$	$-0.35x_{30}$	$+0.21x_{23}$	$+0.08x_{24}$
x_{17}	63.8031474547	$-0.31x_{31} - 0.24x_{22} + 1.67x_8$	$-17.02x_1$	$+0.16x_5$	$-17.50x_9$	$-0.69x_{30}$	$-0.41x_{23}$	$+0.39x_{24}$
x_{14}	9.9958144494	$-0.03x_{31} + 0.04x_{22} - 1.18x_8$	$-1.23x_1$	$-2.03x_5$	$-1.80x_9$	$-0.06x_{30}$	$-0.06x_{23}$	$-0.03x_{24}$
x_{28}	114.380457974	$-0.64x_{31} + 0.80x_{22} - 19.71x_8$	$+1.63x_1$	$-36.45x_5$	$-21.72x_9$	$-0.94x_{30}$	$-0.78x_{23}$	$-0.62x_{24}$
z	41.4787690012	$-0.27x_{31} + 0.06x_{22} - 7.49x_8$	$-7.07x_1$	$-9.80x_5$	$-7.16x_9$	$+0.03x_{30}$	$-0.22x_{23}$	$+0.32x_{24}$

x_4 enters and x_{11} leaves

x_{21}	15.7825441529	$-0.39x_{31} - 0.34x_{22} + 4.86x_8$	$-0.26x_1$	$-4.74x_5$	$-1.86x_9$	$+0.11x_{30}$	$-0.54x_{23}$	$-0.56x_{24}$
x_{13}	8.97971491092	$+0.00x_{31} + 0.08x_{22} - 0.97x_8$	$+0.41x_1$	$-0.79x_5$	$-1.46x_9$	$-0.07x_{30}$	$-0.09x_{23}$	$-0.03x_{24}$
x_{10}	2.51851953087	$-0.04x_{31} + 0.01x_{22} + 0.00x_8$	$-0.16x_1$	$-0.29x_5$	$-0.42x_9$	$-0.05x_{30}$	$-0.06x_{23}$	$+0.02x_{24}$
x_4	1.31326589968	$+0.06x_{31} - 0.03x_{22} + 0.17x_8$	$+0.48x_1$	$+0.32x_5$	$-0.25x_9$	$+0.02x_{30}$	$+0.01x_{23}$	$-0.03x_{24}$
x_{20}	114.939899801	$+0.21x_{31} + 1.26x_{22} - 17.38x_8$	$+5.44x_1$	$-17.87x_5$	$-20.81x_9$	$-1.12x_{30}$	$-1.18x_{23}$	$+0.01x_{24}$
x_{18}	36.0662584172	$-0.68x_{31} + 0.72x_{22} - 2.54x_8$	$-2.10x_1$	$-22.61x_5$	$-2.41x_9$	$-1.01x_{30}$	$-0.77x_{23}$	$-0.70x_{24}$
x_7	5.70725248524	$-0.01x_{31} + 0.03x_{22} - 0.47x_8$	$-0.50x_1$	$-0.00x_5$	$-0.46x_9$	$-0.06x_{30}$	$+0.01x_{23}$	$+0.02x_{24}$
x_{32}	43.358066164	$+0.48x_{31} + 0.96x_{22} - 9.53x_8$	$+0.70x_1$	$+10.54x_5$	$-10.33x_9$	$+0.41x_{30}$	$-0.37x_{23}$	$+0.13x_{24}$
x_{15}	2.49638562286	$+0.01x_{31} + 0.06x_{22} - 0.35x_8$	$+0.58x_1$	$-0.69x_5$	$-0.24x_9$	$-0.06x_{30}$	$-0.02x_{23}$	$-0.05x_{24}$
x_2	2.71299914918	$-0.06x_{31} + 0.03x_{22} - 0.42x_8$	$+0.12x_1$	$-1.16x_5$	$-0.52x_9$	$-0.06x_{30}$	$-0.02x_{23}$	$-0.05x_{24}$
x_{26}	40.6067444888	$-0.92x_{31} - 0.01x_{22} + 5.06x_8$	$-22.24x_1$	$-4.68x_5$	$-4.24x_9$	$-0.62x_{30}$	$-0.36x_{23}$	$+0.89x_{24}$
x_{25}	23.9692834058	$+1.13x_{31} + 0.18x_{22} - 0.65x_8$	$+14.11x_1$	$+21.31x_5$	$-2.83x_9$	$+0.86x_{30}$	$+0.07x_{23}$	$+0.55x_{24}$
x_{12}	0.959467736968	$-0.03x_{31} + 0.04x_{22} - 0.23x_8$	$-0.47x_1$	$+0.02x_5$	$-0.59x_9$	$+0.03x_{30}$	$-0.01x_{23}$	$+0.04x_{24}$
x_{29}	11.0646257002	$+0.37x_{31} + 0.03x_{22} - 1.74x_8$	$-7.98x_1$	$+3.52x_5$	$+14.58x_9$	$-0.55x_{30}$	$+0.06x_{23}$	$+0.45x_{24}$
x_{17}	43.1376503269	$-1.33x_{31} + 0.31x_{22} - 1.01x_8$	$-24.56x_1$	$-4.94x_5$	$-13.57x_9$	$-0.95x_{30}$	$-0.60x_{23}$	$+0.87x_{24}$
x_{14}	9.85047564033	$-0.04x_{31} + 0.04x_{22} - 1.20x_8$	$-1.29x_1$	$-2.07x_5$	$-1.77x_9$	$-0.06x_{30}$	$-0.06x_{23}$	$-0.02x_{24}$
x_{28}	126.013002901	$-0.07x_{31} + 0.49x_{22} - 18.21x_8$	$+5.87x_1$	$-33.58x_5$	$-23.93x_9$	$-0.80x_{30}$	$-0.67x_{23}$	$-0.89x_{24}$
z	44.4723673913	$-0.12x_{31} - 0.01x_{22} - 7.10x_8$	$-5.98x_1$	$-9.06x_5$	$-7.73x_9$	$+0.07x_{30}$	$-0.19x_{23}$	$+0.25x_{24}$

x_{24} enters and x_{21} leaves

x_{24}	28.2628278188	$-0.70x_{31}$	$-0.61x_{22}$	$+8.70x_8$	$-0.46x_1$	$-8.48x_5$	$-3.34x_9$	$+0.20x_{30}$	$-0.97x_{23}$	$-1.79x_2$
x_{13}	7.99068552425	$+0.02x_{31}$	$+0.10x_{22}$	$-1.27x_8$	$+0.43x_1$	$-0.49x_5$	$-1.34x_9$	$-0.08x_{30}$	$-0.05x_{23}$	$+0.06x_2$
x_{10}	2.95316149791	$-0.05x_{31}$	$+0.00x_{22}$	$+0.14x_8$	$-0.17x_1$	$-0.42x_5$	$-0.48x_9$	$-0.05x_{30}$	$-0.08x_{23}$	$-0.03x_2$
x_4	0.454885359446	$+0.09x_{31}$	$-0.02x_{22}$	$-0.09x_8$	$+0.49x_1$	$+0.58x_5$	$-0.15x_9$	$+0.01x_{30}$	$+0.04x_{23}$	$+0.05x_2$
x_{20}	115.316292832	$+0.20x_{31}$	$+1.25x_{22}$	$-17.27x_8$	$+5.43x_1$	$-17.99x_5$	$-20.85x_9$	$-1.12x_{30}$	$-1.19x_{23}$	$-0.02x_2$
x_{18}	16.1880548395	$-0.18x_{31}$	$+1.15x_{22}$	$-8.66x_8$	$-1.78x_1$	$-16.64x_5$	$-0.06x_9$	$-1.15x_{30}$	$-0.09x_{23}$	$+1.26x_2$
x_7	6.32854436704	$-0.02x_{31}$	$+0.02x_{22}$	$-0.28x_8$	$-0.51x_1$	$-0.19x_5$	$-0.53x_9$	$-0.05x_{30}$	$-0.01x_{23}$	$-0.04x_2$
x_{32}	46.9563339496	$+0.39x_{31}$	$+0.88x_{22}$	$-8.43x_8$	$+0.64x_1$	$+9.46x_5$	$-10.75x_9$	$+0.43x_{30}$	$-0.49x_{23}$	$-0.23x_2$
x_{15}	1.03755277717	$+0.05x_{31}$	$+0.09x_{22}$	$-0.80x_8$	$+0.61x_1$	$-0.25x_5$	$-0.06x_9$	$-0.07x_{30}$	$+0.03x_{23}$	$+0.09x_2$
x_2	1.24806490305	$-0.02x_{31}$	$+0.06x_{22}$	$-0.87x_8$	$+0.14x_1$	$-0.72x_5$	$-0.35x_9$	$-0.07x_{30}$	$+0.03x_{23}$	$+0.09x_2$
x_{26}	65.8281957534	$-1.55x_{31}$	$-0.56x_{22}$	$+12.83x_8$	$-22.65x_1$	$-12.25x_5$	$-7.22x_9$	$-0.44x_{30}$	$-1.22x_{23}$	$-1.60x_2$
x_{25}	39.61165629	$+0.75x_{31}$	$-0.16x_{22}$	$+4.17x_8$	$+13.85x_1$	$+16.62x_5$	$-4.67x_9$	$+0.98x_{30}$	$-0.46x_{23}$	$-0.99x_2$
x_{12}	2.22608271811	$-0.06x_{31}$	$+0.01x_{22}$	$+0.16x_8$	$-0.49x_1$	$-0.36x_5$	$-0.74x_9$	$+0.04x_{30}$	$-0.06x_{23}$	$-0.08x_2$
x_{29}	23.7021823065	$+0.06x_{31}$	$-0.24x_{22}$	$+2.15x_8$	$-8.18x_1$	$-0.27x_5$	$+13.09x_9$	$-0.46x_{30}$	$-0.37x_{23}$	$-0.80x_2$
x_{17}	67.7000928422	$-1.94x_{31}$	$-0.22x_{22}$	$+6.55x_8$	$-24.96x_1$	$-12.31x_5$	$-16.47x_9$	$-0.77x_{30}$	$-1.45x_{23}$	$-1.56x_2$
x_{14}	9.14518981248	$-0.02x_{31}$	$+0.06x_{22}$	$-1.42x_8$	$-1.27x_1$	$-1.86x_5$	$-1.69x_9$	$-0.06x_{30}$	$-0.03x_{23}$	$+0.04x_2$
x_{28}	100.982960106	$+0.55x_{31}$	$+1.03x_{22}$	$-25.91x_8$	$+6.28x_1$	$-26.07x_5$	$-20.97x_9$	$-0.97x_{30}$	$+0.19x_{23}$	$+1.59x_2$
z	51.6342064819	$-0.30x_{31}$	$-0.17x_{22}$	$-4.90x_8$	$-6.10x_1$	$-11.21x_5$	$-8.58x_9$	$+0.12x_{30}$	$-0.44x_{23}$	$-0.45x_2$

x_{27} enters and x_{15} leaves

x_{24}	49.4841296941	$+0.34x_{31}$	$+1.24x_{22}$	$-7.56x_8$	$+11.95x_1$	$-13.66x_5$	$-4.63x_9$	$-1.18x_{30}$	$-0.28x_{23}$	$+0.10x_2$
x_{13}	8.76560431401	$+0.06x_{31}$	$+0.17x_{22}$	$-1.87x_8$	$+0.88x_1$	$-0.68x_5$	$-1.39x_9$	$-0.13x_{30}$	$-0.03x_{23}$	$+0.13x_2$
x_{10}	4.40120427711	$+0.02x_{31}$	$+0.13x_{22}$	$-0.97x_8$	$+0.68x_1$	$-0.78x_5$	$-0.56x_9$	$-0.14x_{30}$	$-0.03x_{23}$	$+0.10x_2$
x_4	0.376693427345	$+0.08x_{31}$	$-0.02x_{22}$	$-0.03x_8$	$+0.45x_1$	$+0.60x_5$	$-0.14x_9$	$+0.02x_{30}$	$+0.04x_{23}$	$+0.05x_2$
x_{20}	137.470383597	$+1.29x_{31}$	$+3.18x_{22}$	$-34.24x_8$	$+18.39x_1$	$-23.39x_5$	$-22.20x_9$	$-2.57x_{30}$	$-0.47x_{23}$	$+1.95x_2$
x_{18}	7.56449604553	$-0.61x_{31}$	$+0.40x_{22}$	$-2.05x_8$	$-6.82x_1$	$-14.54x_5$	$+0.46x_9$	$-0.59x_{30}$	$-0.37x_{23}$	$+0.49x_2$
x_7	7.29020343954	$+0.02x_{31}$	$+0.10x_{22}$	$-1.02x_8$	$+0.05x_1$	$-0.42x_5$	$-0.59x_9$	$-0.11x_{30}$	$+0.02x_{23}$	$+0.05x_2$
x_{32}	52.4722513628	$+0.66x_{31}$	$+1.37x_{22}$	$-12.65x_8$	$+3.87x_1$	$+8.12x_5$	$-11.09x_9$	$+0.07x_{30}$	$-0.31x_{23}$	$+0.26x_2$
x_{27}	24.4094933483	$+1.19x_{31}$	$+2.13x_{22}$	$-18.71x_8$	$+14.27x_1$	$-5.95x_5$	$-1.48x_9$	$-1.59x_{30}$	$+0.79x_{23}$	$+2.17x_2$
x_2	1.0389237903	$-0.03x_{31}$	$+0.04x_{22}$	$-0.71x_8$	$+0.02x_1$	$-0.67x_5$	$-0.34x_9$	$-0.05x_{30}$	$+0.02x_{23}$	$+0.07x_2$
x_{26}	89.5326103261	$-0.39x_{31}$	$+1.51x_{22}$	$-5.34x_8$	$-8.79x_1$	$-18.03x_5$	$-8.65x_9$	$-1.99x_{30}$	$-0.45x_{23}$	$+0.51x_2$
x_{25}	60.3123301448	$+1.76x_{31}$	$+1.64x_{22}$	$-11.70x_8$	$+25.96x_1$	$+11.57x_5$	$-5.93x_9$	$-0.37x_{30}$	$+0.21x_{23}$	$+0.85x_2$
x_{12}	3.63959263645	$+0.01x_{31}$	$+0.13x_{22}$	$-0.92x_8$	$+0.33x_1$	$-0.71x_5$	$-0.83x_9$	$-0.05x_{30}$	$-0.01x_{23}$	$+0.05x_2$
x_{29}	31.2325654196	$+0.43x_{31}$	$+0.41x_{22}$	$-3.62x_8$	$-3.78x_1$	$-2.11x_5$	$+12.63x_9$	$-0.95x_{30}$	$-0.13x_{23}$	$-0.13x_2$
x_{17}	98.050526813	$-0.46x_{31}$	$+2.42x_{22}$	$-16.70x_8$	$-7.21x_1$	$-19.71x_5$	$-18.31x_9$	$-2.75x_{30}$	$-0.46x_{23}$	$+1.15x_2$
x_{14}	8.77823659955	$-0.04x_{31}$	$+0.02x_{22}$	$-1.14x_8$	$-1.49x_1$	$-1.77x_5$	$-1.67x_9$	$-0.04x_{30}$	$-0.05x_{23}$	$+0.01x_2$
x_{28}	81.4157937692	$-0.40x_{31}$	$-0.67x_{22}$	$-10.92x_8$	$-5.16x_1$	$-21.29x_5$	$-19.79x_9$	$+0.30x_{30}$	$-0.45x_{23}$	$-0.16x_2$
z	57.1075315301	$-0.04x_{31}$	$+0.31x_{22}$	$-9.09x_8$	$-2.89x_1$	$-12.55x_5$	$-8.91x_9$	$-0.24x_{30}$	$-0.26x_{23}$	$+0.03x_2$

x_{21} enters and x_{29} leaves

x_{24}	73.4847997331	$+0.66x_{31} + 1.55x_{22} - 10.34x_8 + 9.04x_1 - 15.27x_5 + 5.08x_9 - 1.91x_{30} - 0.38x_{23} - 0.77x_{21}$
x_{13}	40.4400311359	$+0.49x_{31} + 0.58x_{22} - 5.54x_8 - 2.95x_1 - 2.82x_5 + 11.42x_9 - 1.09x_{30} - 0.16x_{23} - 1.01x_{21}$
x_{10}	28.8032915079	$+0.35x_{31} + 0.45x_{22} - 3.80x_8 - 2.27x_1 - 2.42x_5 + 9.31x_9 - 0.89x_{30} - 0.13x_{23} - 0.78x_{21}$
x_4	11.7817367224	$+0.24x_{31} + 0.13x_{22} - 1.36x_8 - 0.93x_1 - 0.17x_5 + 4.47x_9 - 0.33x_{30} - 0.01x_{23} - 0.37x_{21}$
x_{20}	606.401846631	$+7.68x_{31} + 9.35x_{22} - 88.57x_8 - 38.38x_1 - 55.00x_5 + 167.47x_9 - 16.88x_{30} - 2.41x_{23} - 15.01x_{21}$
x_{18}	125.71099764	$+1.01x_{31} + 1.95x_{22} - 15.74x_8 - 21.13x_1 - 22.50x_5 + 48.25x_9 - 4.20x_{30} - 0.86x_{23} - 3.78x_{21}$
x_7	18.4269257258	$+0.18x_{31} + 0.25x_{22} - 2.31x_8 - 1.30x_1 - 1.17x_5 + 3.92x_9 - 0.45x_{30} - 0.02x_{23} - 0.36x_{21}$
x_{32}	115.822785514	$+1.52x_{31} + 2.20x_{22} - 19.99x_8 - 3.80x_1 + 3.85x_5 + 14.53x_9 - 1.86x_{30} - 0.58x_{23} - 2.03x_{21}$
x_{27}	547.400189398	$+8.33x_{31} + 9.01x_{22} - 79.29x_8 - 49.04x_1 - 41.20x_5 + 210.05x_9 - 17.55x_{30} - 1.38x_{23} - 16.75x_{21}$
x_2	18.8812065514	$+0.21x_{31} + 0.28x_{22} - 2.78x_8 - 2.14x_1 - 1.87x_5 + 6.88x_9 - 0.60x_{30} - 0.05x_{23} - 0.57x_{21}$
x_{26}	213.081494953	$+1.30x_{31} + 3.13x_{22} - 19.65x_8 - 23.75x_1 - 26.36x_5 + 41.32x_9 - 5.76x_{30} - 0.96x_{23} - 3.96x_{21}$
x_{25}	265.473934457	$+4.56x_{31} + 4.34x_{22} - 35.46x_8 + 1.12x_1 - 2.26x_5 + 77.05x_9 - 6.63x_{30} - 0.64x_{23} - 6.57x_{21}$
x_{12}	14.6238368881	$+0.16x_{31} + 0.28x_{22} - 2.19x_8 - 1.00x_1 - 1.45x_5 + 3.62x_9 - 0.39x_{30} - 0.05x_{23} - 0.35x_{21}$
x_{21}	240.500993622	$+3.28x_{31} + 3.17x_{22} - 27.86x_8 - 29.12x_1 - 16.21x_5 + 97.27x_9 - 7.34x_{30} - 1.00x_{23} - 7.70x_{21}$
x_{17}	374.037337953	$+3.31x_{31} + 6.05x_{22} - 48.67x_8 - 40.62x_1 - 38.31x_5 + 93.31x_9 - 11.17x_{30} - 1.61x_{23} - 8.84x_{21}$
x_{14}	11.663443672	$+0.00x_{31} + 0.06x_{22} - 1.47x_8 - 1.84x_1 - 1.96x_5 - 0.50x_9 - 0.13x_{30} - 0.06x_{23} - 0.09x_{21}$
x_{28}	43.5936228827	$-0.92x_{31} - 1.17x_{22} - 6.54x_8 - 0.58x_1 - 18.74x_5 - 35.08x_9 + 1.45x_{30} - 0.29x_{23} + 1.21x_{21}$
z	65.2423074992	$+0.08x_{31} + 0.41x_{22} - 10.03x_8 - 3.88x_1 - 13.09x_5 - 5.62x_9 - 0.49x_{30} - 0.30x_{23} - 0.26x_{21}$

x_6 enters and x_{28} leaves

x_{24}	104.618338098	$+0.01x_{31} + 0.72x_{22} - 15.01x_8 + 8.63x_1 - 28.66x_5 - 19.97x_9 - 0.88x_{30} - 0.59x_{23} + 0.10x_{21}$
x_{13}	55.5373457469	$+0.18x_{31} + 0.18x_{22} - 7.80x_8 - 3.15x_1 - 9.31x_5 - 0.73x_9 - 0.59x_{30} - 0.26x_{23} - 0.59x_{21}$
x_{10}	40.0600371429	$+0.12x_{31} + 0.15x_{22} - 5.49x_8 - 2.43x_1 - 7.26x_5 + 0.25x_9 - 0.51x_{30} - 0.20x_{23} - 0.47x_{21}$
x_4	17.4284632114	$+0.12x_{31} - 0.02x_{22} - 2.20x_8 - 1.01x_1 - 2.60x_5 - 0.08x_9 - 0.14x_{30} - 0.05x_{23} - 0.21x_{21}$
x_{20}	829.154416832	$+2.98x_{31} + 3.38x_{22} - 121.98x_8 - 41.37x_1 - 150.77x_5 - 11.80x_9 - 9.45x_{30} - 3.89x_{23} - 8.83x_{21}$
x_{18}	172.964857171	$+0.01x_{31} + 0.68x_{22} - 22.82x_8 - 21.76x_1 - 42.82x_5 + 10.22x_9 - 2.62x_{30} - 1.17x_{23} - 2.47x_{21}$
x_7	24.7282274027	$+0.04x_{31} + 0.08x_{22} - 3.25x_8 - 1.38x_1 - 3.88x_5 - 1.15x_9 - 0.24x_{30} - 0.06x_{23} - 0.18x_{21}$
x_{32}	145.980750434	$+0.88x_{31} + 1.39x_{22} - 24.52x_8 - 4.21x_1 - 9.12x_5 - 9.74x_9 - 0.86x_{30} - 0.78x_{23} - 1.19x_{21}$
x_{27}	794.563140532	$+3.11x_{31} + 2.39x_{22} - 116.36x_8 - 52.35x_1 - 147.47x_5 + 11.14x_9 - 9.31x_{30} - 3.02x_{23} - 9.88x_{21}$
x_2	26.3501942673	$+0.05x_{31} + 0.08x_{22} - 3.90x_8 - 2.24x_1 - 5.08x_5 + 0.87x_9 - 0.35x_{30} - 0.10x_{23} - 0.36x_{21}$
x_{26}	269.916941573	$+0.10x_{31} + 1.61x_{22} - 28.17x_8 - 24.51x_1 - 50.80x_5 - 4.42x_9 - 3.86x_{30} - 1.34x_{23} - 2.38x_{21}$
x_{25}	377.452538915	$+2.19x_{31} + 1.34x_{22} - 52.26x_8 - 0.38x_1 - 50.40x_5 - 13.07x_9 - 2.90x_{30} - 1.39x_{23} - 3.46x_{21}$
x_{12}	20.0922195342	$+0.05x_{31} + 0.13x_{22} - 3.01x_8 - 1.07x_1 - 3.80x_5 - 0.78x_9 - 0.21x_{30} - 0.09x_{23} - 0.20x_{21}$
x_{21}	331.69264961	$+1.36x_{31} + 0.72x_{22} - 41.54x_8 - 30.34x_1 - 55.42x_5 + 23.88x_9 - 4.30x_{30} - 1.60x_{23} - 5.17x_{21}$
x_{17}	503.96123207	$+0.57x_{31} + 2.57x_{22} - 68.16x_8 - 42.36x_1 - 94.17x_5 - 11.25x_9 - 6.84x_{30} - 2.47x_{23} - 5.23x_{21}$
x_{14}	11.9895401119	$-0.00x_{31} + 0.05x_{22} - 1.52x_8 - 1.84x_1 - 2.10x_5 - 0.76x_9 - 0.12x_{30} - 0.06x_{23} - 0.08x_{21}$
x_6	1.19988270655	$-0.03x_{31} - 0.03x_{22} - 0.18x_8 - 0.02x_1 - 0.52x_5 - 0.97x_9 + 0.04x_{30} - 0.01x_{23} + 0.03x_{21}$
z	67.5450675659	$+0.03x_{31} + 0.35x_{22} - 10.38x_8 - 3.91x_1 - 14.08x_5 - 7.47x_9 - 0.41x_{30} - 0.31x_{23} - 0.20x_{21}$

x_{22} enters and x_6 leaves

x_{24}	131.420926297	$-0.56x_{31}$	$-22.34x_6$	$-19.03x_8$	$+8.27x_1$	$-40.18x_5$	$-41.54x_9$	$+0.02x_{30}$	$-0.76x_{23}$	$+0.8$
x_{13}	62.2415601759	$+0.03x_{31}$	$-5.59x_6$	$-8.81x_8$	$-3.24x_1$	$-12.19x_5$	$-6.12x_9$	$-0.37x_{30}$	$-0.31x_{23}$	-0.4
x_{10}	45.6595726555	$-0.00x_{31}$	$-4.67x_6$	$-6.33x_8$	$-2.50x_1$	$-9.67x_5$	$-4.26x_9$	$-0.32x_{30}$	$-0.24x_{23}$	-0.3
x_4	16.5300499643	$+0.14x_{31}$	$+0.75x_6$	$-2.07x_8$	$-1.00x_1$	$-2.21x_5$	$+0.65x_9$	$-0.17x_{30}$	$-0.04x_{23}$	-0.2
x_{20}	955.422242177	$+0.32x_{31}$	$-105.23x_6$	$-140.91x_8$	$-43.06x_1$	$-205.06x_5$	$-113.42x_9$	$-5.24x_{30}$	$-4.73x_{23}$	-5.3
x_{18}	198.511976468	$-0.53x_{31}$	$-21.29x_6$	$-26.65x_8$	$-22.10x_1$	$-53.80x_5$	$-10.34x_9$	$-1.77x_{30}$	$-1.34x_{23}$	-1.7
x_7	27.6946984873	$-0.02x_{31}$	$-2.47x_6$	$-3.70x_8$	$-1.42x_1$	$-5.16x_5$	$-3.54x_9$	$-0.14x_{30}$	$-0.08x_{23}$	-0.1
x_{32}	197.875477194	$-0.21x_{31}$	$-43.25x_6$	$-32.30x_8$	$-4.90x_1$	$-31.43x_5$	$-51.50x_9$	$+0.88x_{30}$	$-1.12x_{23}$	$+0.2$
x_{27}	883.587110589	$+1.24x_{31}$	$-74.19x_6$	$-129.71x_8$	$-53.55x_1$	$-185.75x_5$	$-60.51x_9$	$-6.34x_{30}$	$-3.61x_{23}$	-7.4
x_2	29.1501139739	$-0.01x_{31}$	$-2.33x_6$	$-4.32x_8$	$-2.28x_1$	$-6.28x_5$	$-1.38x_9$	$-0.26x_{30}$	$-0.12x_{23}$	-0.2
x_{26}	329.953678248	$-1.17x_{31}$	$-50.04x_6$	$-37.18x_8$	$-25.31x_1$	$-76.61x_5$	$-52.74x_9$	$-1.86x_{30}$	$-1.74x_{23}$	-0.7
x_{25}	427.473662821	$+1.14x_{31}$	$-41.69x_6$	$-59.76x_8$	$-1.05x_1$	$-71.91x_5$	$-53.32x_9$	$-1.23x_{30}$	$-1.72x_{23}$	-2.0
x_{12}	24.9176371716	$-0.06x_{31}$	$-4.02x_6$	$-3.74x_8$	$-1.14x_1$	$-5.87x_5$	$-4.67x_9$	$-0.04x_{30}$	$-0.12x_{23}$	-0.0
x_{21}	358.6302664	$+0.79x_{31}$	$-22.45x_6$	$-45.58x_8$	$-30.70x_1$	$-67.00x_5$	$+2.21x_9$	$-3.40x_{30}$	$-1.78x_{23}$	-4.4
x_{17}	599.866176234	$-1.45x_{31}$	$-79.93x_6$	$-82.55x_8$	$-43.65x_1$	$-135.41x_5$	$-88.43x_9$	$-3.64x_{30}$	$-3.11x_{23}$	-2.5
x_{14}	13.9602116	$-0.04x_{31}$	$-1.64x_6$	$-1.81x_8$	$-1.87x_1$	$-2.95x_5$	$-2.35x_9$	$-0.05x_{30}$	$-0.07x_{23}$	-0.0
x_{22}	37.3095807142	$-0.79x_{31}$	$-31.09x_6$	$-5.60x_8$	$-0.50x_1$	$-16.04x_5$	$-30.03x_9$	$+1.24x_{30}$	$-0.25x_{23}$	$+1.0$
z	80.6951532316	$-0.25x_{31}$	$-10.96x_6$	$-12.35x_8$	$-4.09x_1$	$-19.74x_5$	$-18.06x_9$	$+0.03x_{30}$	$-0.40x_{23}$	$+0.1$

x_{15} enters and Unbounded Dictionary!

x_{15} enters and Unbounded Dictionary!