

x_{14}	5.0	$-3.000000x_2 + 2.000000x_3 - 2.000000x_4$				$+3.000000x_6 + 2.000000x_7 + 2.000000x_8$				
x_{15}	2.0	$-1.000000x_1$	$-1.000000x_2$	$+1.000000x_3$	$-3.000000x_4$	$+2.000000x_5$	$-3.000000x_6$	$-3.000000x_7$	$-2.000000x_8$	$+1.000000x_9$
x_{16}	11.0	$+3.000000x_1$	$-3.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$-2.000000x_7 - 1.000000x_8 - 1.000000x_9$		
x_{17}	2.0	$+3.000000x_1$	$-2.000000x_2$	$-3.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$	$+1.000000x_8$	$-1.000000x_9$
x_{18}	5.0	$+1.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+2.000000x_7$	$-1.000000x_8$	$-2.000000x_9$
x_{19}	1.0	$-3.000000x_1$	$+3.000000x_3$			$+1.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$+3.000000x_8 - 1.000000x_9$	
x_{20}	4.0	$+1.000000x_1$	$-2.000000x_2$	$+1.000000x_3$	$-2.000000x_4$	$-1.000000x_5$	$-2.000000x_6$	$+2.000000x_7 - 1.000000x_8 - 1.000000x_9$		
x_{21}	8.0	$+2.000000x_1$	$+2.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$+3.000000x_6$			$-1.000000x_7$	$-2.000000x_8$
x_{22}	3.0	$-3.000000x_1$	$+2.000000x_5$				$+3.000000x_7$	$-2.000000x_8 - 1.000000x_9$		
x_{23}	3.0	$+1.000000x_1$	$-1.000000x_2$	$-3.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-1.000000x_6$	$-1.000000x_7$	$+3.000000x_8$	$+3.000000x_9$
x_{24}	14.0	$+2.000000x_1$	$+3.000000x_3$			$+2.000000x_4$	$+3.000000x_5$	$+3.000000x_6$	$-2.000000x_7$	$-1.000000x_8$
x_{25}	15.0	$-2.000000x_1$	$-3.000000x_2$	$+1.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$-2.000000x_7 + 2.000000x_8$			$-1.000000x_9$
x_{26}	7.0	$+1.000000x_2$			$-1.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$-1.000000x_6$	$-2.000000x_7$	$-1.000000x_8$
x_{27}	15.0	$+2.000000x_1$	$-2.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$	$-3.000000x_8$	$-1.000000x_9$
x_{28}	7.0	$+1.000000x_1$	$+3.000000x_2$	$+3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$+1.000000x_7$	$+3.000000x_8$	
x_{29}	2.0	$+3.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$+1.000000x_6$	$+3.000000x_7$	$-2.000000x_8$	$-1.000000x_9$
x_{30}	13.0	$-1.000000x_1$	$-3.000000x_4$			$+3.000000x_5$	$+1.000000x_6$	$-1.000000x_7$	$-3.000000x_8$	$+1.000000x_9$
x_{31}	15.0	$+2.000000x_1$	$+1.000000x_2$	$+3.000000x_3$	$+3.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$-2.000000x_7$	$+2.000000x_8$	$+2.000000x_9$
x_{32}	13.0	$-2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	$+2.000000x_7$	$+3.000000x_8$	$-1.000000x_9$
x_{33}	13.0	$-1.000000x_1$	$+2.000000x_3$			$-3.000000x_4$	$-2.000000x_5$	$+2.000000x_8 - 1.000000x_9$		
z	0.0	$-2.000000x_2 - 2.000000x_3 + 2.000000x_4$				$-1.000000x_7 - 1.000000x_8 + 2.000000x_9$				

No initialization required – Proceed to Optimize.

x_{14}	5.0	$-3.000000x_2 + 2.000000x_3 - 2.000000x_4$	$+3.000000x_6 + 2.000000x_7 + 2.000000x_8$
x_{15}	2.0	$-1.000000x_1 - 1.000000x_2 + 1.000000x_3 - 3.000000x_4 + 2.000000x_5 - 3.000000x_6 - 3.000000x_7 - 2.000000x_8 + 1.000000x_9$	
x_{16}	11.0	$+3.000000x_1 - 3.000000x_2 - 2.000000x_3 - 3.000000x_4 - 1.000000x_5 + 2.000000x_6$	$-2.000000x_7 - 1.000000x_8 - 1.000000x_9$
x_{17}	2.0	$+3.000000x_1 - 2.000000x_2 - 3.000000x_3 - 2.000000x_4 + 2.000000x_5 - 2.000000x_6 + 1.000000x_7 + 1.000000x_8$	$-1.000000x_9$
x_{18}	5.0	$+1.000000x_1 - 2.000000x_2 + 2.000000x_3 - 2.000000x_4 + 2.000000x_5 - 2.000000x_6 + 2.000000x_7 - 1.000000x_8 - 2.000000x_9$	
x_{19}	1.0	$-3.000000x_1$	$+3.000000x_3 + 1.000000x_5 + 2.000000x_6 + 1.000000x_7 + 3.000000x_9$
x_{20}	4.0	$+1.000000x_1 - 2.000000x_2 + 1.000000x_3 - 2.000000x_4 - 1.000000x_5 - 2.000000x_6$	$+2.000000x_7 - 1.000000x_8 - 1.000000x_9$
x_{21}	8.0	$+2.000000x_1 + 2.000000x_2 - 2.000000x_3 + 2.000000x_4$	$+3.000000x_6 - 1.000000x_7 - 2.000000x_8 - 1.000000x_9$
x_{22}	3.0	$-3.000000x_1$	$+2.000000x_5 + 3.000000x_7 - 2.000000x_9$
x_{23}	3.0	$+1.000000x_1 - 1.000000x_2 - 3.000000x_3 + 2.000000x_4 + 3.000000x_5 - 1.000000x_6 - 1.000000x_7 + 3.000000x_8 + 3.000000x_9$	
x_{24}	14.0	$+2.000000x_1$	$+3.000000x_3 + 2.000000x_4 + 3.000000x_5 + 3.000000x_6 - 2.000000x_7 - 1.000000x_8 - 2.000000x_9$
x_{25}	15.0	$-2.000000x_1 - 3.000000x_2 + 1.000000x_3 - 3.000000x_4 + 3.000000x_5$	$-2.000000x_7 + 2.000000x_8 - 1.000000x_9$
x_{26}	7.0	$+1.000000x_2 - 1.000000x_3 - 1.000000x_4 - 1.000000x_5 - 1.000000x_6 - 2.000000x_7$	$-1.000000x_8 - 1.000000x_9$
x_{27}	15.0	$+2.000000x_1 - 2.000000x_2 - 2.000000x_3 + 2.000000x_4 + 2.000000x_5 - 2.000000x_6 + 1.000000x_7 - 3.000000x_8 - 1.000000x_9$	
x_{28}	7.0	$+1.000000x_1 + 3.000000x_2 + 3.000000x_3 + 2.000000x_4 - 1.000000x_5 - 3.000000x_6 + 1.000000x_7 + 3.000000x_8$	$-1.000000x_9$
x_{29}	2.0	$+3.000000x_1 - 2.000000x_2 + 2.000000x_3 - 1.000000x_4 - 1.000000x_5 + 1.000000x_6 + 3.000000x_7 - 2.000000x_8 - 1.000000x_9$	
x_{30}	13.0	$-1.000000x_1$	$-3.000000x_4 + 3.000000x_5 + 1.000000x_6 - 1.000000x_7 - 3.000000x_8 + 1.000000x_9$
x_{31}	15.0	$+2.000000x_1 + 1.000000x_2 + 3.000000x_3 + 3.000000x_4 - 2.000000x_5 + 1.000000x_6 - 2.000000x_7 + 2.000000x_8 + 2.000000x_9$	
x_{32}	13.0	$-2.000000x_1 + 1.000000x_2 - 2.000000x_3 + 2.000000x_4 - 2.000000x_5 - 3.000000x_6 + 2.000000x_7 + 3.000000x_8 - 1.000000x_9$	
x_{33}	13.0	$-1.000000x_1$	$+2.000000x_3 - 3.000000x_4 - 2.000000x_5 + 2.000000x_8 - 1.000000x_9$
z	0.0	$-2.000000x_2 - 2.000000x_3 + 2.000000x_4$	$-1.000000x_7 - 1.000000x_8 + 2.000000x_9$

x_4 enters and x_{15} leaves

x_{14}	3.66666666667	$+0.666667x_1 - 2.333333x_2 + 1.333333x_3 + 0.666667x_{15} - 1.333333x_5 + 5.000000x_6 + 4.000000x_7 + 3.333333x_8$
x_4	0.666666666667	$-0.333333x_1 - 0.333333x_2 + 0.333333x_3 - 0.333333x_{15} + 0.666667x_5 - 1.000000x_6 - 1.000000x_7 - 0.666667x_8$
x_{16}	9.0	$+4.000000x_1 - 2.000000x_2 - 3.000000x_3 + 1.000000x_{15} - 3.000000x_5 + 5.000000x_6 + 3.000000x_7 + 2.000000x_8$
x_{17}	0.666666666667	$+3.666667x_1 - 1.333333x_2 - 3.666667x_3 + 0.666667x_{15} + 0.666667x_5 + 3.000000x_7 + 2.333333x_8$
x_{18}	3.66666666667	$+1.666667x_1 - 1.333333x_2 + 1.333333x_3 + 0.666667x_{15} + 0.666667x_5 + 4.000000x_7 + 0.333333x_8$
x_{19}	1.0	$-3.000000x_1 + 3.000000x_3 + 1.000000x_5 + 2.000000x_6 + 1.000000x_7 + 0.666667x_8$
x_{20}	2.66666666667	$+1.666667x_1 - 1.333333x_2 + 0.333333x_3 + 0.666667x_{15} - 2.333333x_5 + 2.000000x_7 + 1.333333x_8$
x_{21}	9.33333333333	$+1.333333x_1 + 1.333333x_2 - 1.333333x_3 - 0.666667x_{15} + 1.333333x_5 + 1.000000x_6 - 3.000000x_7 - 3.333333x_8$
x_{22}	3.0	$-3.000000x_1 + 2.000000x_5 + 3.000000x_7 + 0.666667x_8$
x_{23}	4.33333333333	$+0.333333x_1 - 1.666667x_2 - 2.333333x_3 - 0.666667x_{15} + 4.333333x_5 - 3.000000x_6 - 3.000000x_7 + 1.666667x_8$
x_{24}	15.3333333333	$+1.333333x_1 - 0.666667x_2 + 3.666667x_3 - 0.666667x_{15} + 4.333333x_5 + 1.000000x_6 - 4.000000x_7 - 2.333333x_8$
x_{25}	13.0	$-1.000000x_1 - 2.000000x_2 + 1.000000x_{15} + 1.000000x_5 + 3.000000x_6 + 1.000000x_7 + 4.000000x_8$
x_{26}	6.33333333333	$+0.333333x_1 + 1.333333x_2 - 1.333333x_3 + 0.333333x_{15} - 1.666667x_5 - 1.000000x_7 + 0.666667x_8$
x_{27}	16.3333333333	$+1.333333x_1 - 2.666667x_2 - 1.333333x_3 - 0.666667x_{15} + 3.333333x_5 - 4.000000x_6 - 1.000000x_7 - 4.333333x_8$
x_{28}	8.33333333333	$+0.333333x_1 + 2.333333x_2 + 3.666667x_3 - 0.666667x_{15} + 0.333333x_5 - 5.000000x_6 - 1.000000x_7 + 1.666667x_8$
x_{29}	1.33333333333	$+3.333333x_1 - 1.666667x_2 + 1.666667x_3 + 0.333333x_{15} - 1.666667x_5 + 2.000000x_6 + 4.000000x_7 - 1.333333x_8$
x_{30}	11.0	$+1.000000x_2 - 1.000000x_3 + 1.000000x_{15} + 1.000000x_5 + 4.000000x_6 + 2.000000x_7 - 1.000000x_8$
x_{31}	17.0	$+1.000000x_1 + 4.000000x_3 - 1.000000x_{15} - 2.000000x_6 - 5.000000x_7 + 0.666667x_8$
x_{32}	14.3333333333	$-2.666667x_1 + 0.333333x_2 - 1.333333x_3 - 0.666667x_{15} - 0.666667x_5 - 5.000000x_6 + 1.666667x_8$
x_{33}	11.0	$+1.000000x_2 + 1.000000x_3 + 1.000000x_{15} - 4.000000x_5 + 3.000000x_6 + 3.000000x_7 + 4.000000x_8$
z	1.33333333333	$-0.666667x_1 - 2.666667x_2 - 1.333333x_3 - 0.666667x_{15} + 1.333333x_5 - 2.000000x_6 - 3.000000x_7 - 2.333333x_8$

x_{14}	2.6	$-2.000000x_1$	$-1.000000x_2$		$+0.400000x_{15}$	$+0.800000x_{29}$	$+3.400000x_6$	$+0.800000x_7$	$+4.400000x_8$	$+0.200000x_9$	$+0.200000x_{10}$	$+0.200000x_{11}$	$+0.200000x_{12}$	$+0.200000x_{13}$	$+0.200000x_{14}$	$+0.200000x_{16}$	$+0.200000x_{17}$	$+0.200000x_{18}$	$+0.200000x_{19}$	$+0.200000x_{20}$	$+0.200000x_{21}$	$+0.200000x_{22}$	$+0.200000x_{23}$	$+0.200000x_{24}$	$+0.200000x_{25}$	$+0.200000x_{26}$	$+0.200000x_{27}$	$+0.200000x_{28}$	$+0.200000x_{30}$	$+0.200000x_{31}$	$+0.200000x_{32}$	$+0.200000x_{33}$	$+0.200000x_{34}$	$+0.200000x_{35}$	$+0.200000x_{36}$	$+0.200000x_{37}$	$+0.200000x_{38}$	$+0.200000x_{39}$	$+0.200000x_{40}$	$+0.200000x_{41}$	$+0.200000x_{42}$	$+0.200000x_{43}$	$+0.200000x_{44}$	$+0.200000x_{45}$	$+0.200000x_{46}$	$+0.200000x_{47}$	$+0.200000x_{48}$	$+0.200000x_{49}$	$+0.200000x_{50}$	$+0.200000x_{51}$	$+0.200000x_{52}$	$+0.200000x_{53}$	$+0.200000x_{54}$	$+0.200000x_{55}$	$+0.200000x_{56}$	$+0.200000x_{57}$	$+0.200000x_{58}$	$+0.200000x_{59}$	$+0.200000x_{60}$	$+0.200000x_{61}$	$+0.200000x_{62}$	$+0.200000x_{63}$	$+0.200000x_{64}$	$+0.200000x_{65}$	$+0.200000x_{66}$	$+0.200000x_{67}$	$+0.200000x_{68}$	$+0.200000x_{69}$	$+0.200000x_{70}$	$+0.200000x_{71}$	$+0.200000x_{72}$	$+0.200000x_{73}$	$+0.200000x_{74}$	$+0.200000x_{75}$	$+0.200000x_{76}$	$+0.200000x_{77}$	$+0.200000x_{78}$	$+0.200000x_{79}$	$+0.200000x_{80}$	$+0.200000x_{81}$	$+0.200000x_{82}$	$+0.200000x_{83}$	$+0.200000x_{84}$	$+0.200000x_{85}$	$+0.200000x_{86}$	$+0.200000x_{87}$	$+0.200000x_{88}$	$+0.200000x_{89}$	$+0.200000x_{90}$	$+0.200000x_{91}$	$+0.200000x_{92}$	$+0.200000x_{93}$	$+0.200000x_{94}$	$+0.200000x_{95}$	$+0.200000x_{96}$	$+0.200000x_{97}$	$+0.200000x_{98}$	$+0.200000x_{99}$	$+0.200000x_{100}$	$+0.200000x_{101}$	$+0.200000x_{102}$	$+0.200000x_{103}$	$+0.200000x_{104}$	$+0.200000x_{105}$	$+0.200000x_{106}$	$+0.200000x_{107}$	$+0.200000x_{108}$	$+0.200000x_{109}$	$+0.200000x_{110}$	$+0.200000x_{111}$	$+0.200000x_{112}$	$+0.200000x_{113}$	$+0.200000x_{114}$	$+0.200000x_{115}$	$+0.200000x_{116}$	$+0.200000x_{117}$	$+0.200000x_{118}$	$+0.200000x_{119}$	$+0.200000x_{120}$	$+0.200000x_{121}$	$+0.200000x_{122}$	$+0.200000x_{123}$	$+0.200000x_{124}$	$+0.200000x_{125}$	$+0.200000x_{126}$	$+0.200000x_{127}$	$+0.200000x_{128}$	$+0.200000x_{129}$	$+0.200000x_{130}$	$+0.200000x_{131}$	$+0.200000x_{132}$	$+0.200000x_{133}$	$+0.200000x_{134}$	$+0.200000x_{135}$	$+0.200000x_{136}$	$+0.200000x_{137}$	$+0.200000x_{138}$	$+0.200000x_{139}$	$+0.200000x_{140}$	$+0.200000x_{141}$	$+0.200000x_{142}$	$+0.200000x_{143}$	$+0.200000x_{144}$	$+0.200000x_{145}$	$+0.200000x_{146}$	$+0.200000x_{147}$	$+0.200000x_{148}$	$+0.200000x_{149}$	$+0.200000x_{150}$	$+0.200000x_{151}$	$+0.200000x_{152}$	$+0.200000x_{153}$	$+0.200000x_{154}$	$+0.200000x_{155}$	$+0.200000x_{156}$	$+0.200000x_{157}$	$+0.200000x_{158}$	$+0.200000x_{159}$	$+0.200000x_{160}$	$+0.200000x_{161}$	$+0.200000x_{162}$	$+0.200000x_{163}$	$+0.200000x_{164}$	$+0.200000x_{165}$	$+0.200000x_{166}$	$+0.200000x_{167}$	$+0.200000x_{168}$	$+0.200000x_{169}$	$+0.200000x_{170}$	$+0.200000x_{171}$	$+0.200000x_{172}$	$+0.200000x_{173}$	$+0.200000x_{174}$	$+0.200000x_{175}$	$+0.200000x_{176}$	$+0.200000x_{177}$	$+0.200000x_{178}$	$+0.200000x_{179}$	$+0.200000x_{180}$	$+0.200000x_{181}$	$+0.200000x_{182}$	$+0.200000x_{183}$	$+0.200000x_{184}$	$+0.200000x_{185}$	$+0.200000x_{186}$	$+0.200000x_{187}$	$+0.200000x_{188}$	$+0.200000x_{189}$	$+0.200000x_{190}$	$+0.200000x_{191}$	$+0.200000x_{192}$	$+$
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x_{14}	2.0666666667	$+0.666667x_{20} - 1.666667x_2 + 1.333333x_3 + 0.266667x_{15} - 0.133333x_{29} + 5.266667x_6 + 3.200000x_7 + 2.266667x_8$
x_4	1.4666666667	$-0.333333x_{20} - 0.666667x_2 + 0.333333x_3 - 0.133333x_{15} + 0.066667x_{29} - 1.133333x_6 - 0.600000x_7 - 0.133333x_8$
x_{16}	6.0666666667	$+0.666667x_{20} + 0.333333x_2 - 4.666667x_3 + 0.266667x_{15} + 0.866667x_{29} + 3.266667x_6 - 1.800000x_7 + 2.266667x_8$
x_{17}	2.5333333333	$-1.666667x_{20} - 0.333333x_2 - 6.333333x_3 + 1.133333x_{15} + 1.933333x_{29} - 3.866667x_6 - 1.400000x_7 + 7.133333x_8$
x_{18}	5.0	$-1.000000x_{20} - 1.000000x_2 + 0.000000x_3 + 1.000000x_{15} + 1.000000x_{29} - 2.000000x_6 + 2.000000x_7 + 3.000000x_8$
x_{19}	1.5333333333	$+0.333333x_{20} - 1.333333x_2 + 4.666667x_3 + 0.133333x_{15} - 1.066667x_{29} + 4.133333x_6 + 4.600000x_7 - 1.866667x_8$
x_1	0.2666666667	$-0.333333x_{20} + 0.333333x_2 - 0.666667x_3 + 0.066667x_{15} + 0.466667x_{29} - 0.933333x_6 - 1.200000x_7 + 1.066667x_8$
x_{21}	11.4666666667	$-1.333333x_{20} + 1.333333x_2 - 2.666667x_3 - 0.133333x_{15} + 1.066667x_{29} - 1.133333x_6 - 4.600000x_7 - 0.133333x_8$
x_{22}	4.8666666667	$-0.333333x_{20} - 1.666667x_2 + 1.333333x_3 + 0.466667x_{15} - 0.733333x_{29} + 1.466667x_6 + 6.600000x_7 - 0.533333x_8$
x_{23}	10.2	$-3.000000x_{20} - 3.000000x_2 - 4.000000x_3 + 0.800000x_{15} + 1.600000x_{29} - 6.200000x_6 - 3.400000x_7 + 7.800000x_8$
x_{24}	21.4666666667	$-3.333333x_{20} - 1.666667x_2 + 1.333333x_3 + 0.866667x_{15} + 2.066667x_{29} - 3.133333x_6 - 5.600000x_7 + 4.866667x_8$
x_{25}	14.0666666667	$-0.333333x_{20} - 2.666667x_2 + 0.333333x_3 + 1.266667x_{15} - 0.133333x_{29} + 3.266667x_6 + 2.200000x_7 + 4.266667x_8$
x_{26}	4.2	$+1.000000x_{20} + 2.000000x_2 - 1.000000x_3 - 0.200000x_{15} - 0.400000x_{29} + 0.800000x_6 - 1.400000x_7 - 1.266667x_8$
x_{27}	21.1333333333	$-2.666667x_{20} - 3.333333x_2 - 3.333333x_3 + 0.533333x_{15} + 1.733333x_{29} - 7.466667x_6 - 2.600000x_7 + 1.533333x_8$
x_{28}	8.8666666667	$-0.333333x_{20} + 2.333333x_2 + 3.333333x_3 - 0.533333x_{15} + 0.266667x_{29} - 5.533333x_6 - 1.400000x_7 + 2.466667x_8$
x_5	1.3333333333	$-0.666667x_{20} - 0.333333x_2 - 0.333333x_3 + 0.333333x_{15} + 0.333333x_{29} - 0.666667x_6 + 1.333333x_7 + 1.333333x_8$
x_{30}	12.3333333333	$-0.666667x_{20} + 0.666667x_2 - 1.333333x_3 + 1.333333x_{15} + 0.333333x_{29} + 3.333333x_6 + 2.000000x_7 + 0.333333x_8$
x_{31}	17.2666666667	$-0.333333x_{20} + 0.333333x_2 + 3.333333x_3 - 0.933333x_{15} + 0.466667x_{29} - 2.933333x_6 - 6.200000x_7 + 1.066667x_8$
x_{32}	12.7333333333	$+1.333333x_{20} - 0.333333x_2 + 0.666667x_3 - 1.066667x_{15} - 1.466667x_{29} - 2.066667x_6 + 3.200000x_7 - 2.066667x_8$
x_{33}	5.6666666667	$+2.666667x_{20} + 2.333333x_2 + 2.333333x_3 - 0.333333x_{15} - 1.333333x_{29} + 5.666667x_6 + 3.000000x_7 - 1.333333x_8$
z	2.9333333333	$-0.666667x_{20} - 3.333333x_2 - 1.333333x_3 - 0.266667x_{15} + 0.133333x_{29} - 2.266667x_6 - 2.200000x_7 - 1.266667x_8$

x_9 enters and x_{33} leaves

x_{14}	0.7272727273	$+0.036364x_{20} - 2.218182x_2 + 0.781818x_3 + 0.345455x_{15} + 0.181818x_{29} + 3.927273x_6 + 2.490909x_7 + 2.545455x_8$
x_4	2.1363636363	$-0.018182x_{20} - 0.390909x_2 + 0.609091x_3 - 0.172727x_{15} - 0.090909x_{29} - 0.463636x_6 - 0.245455x_7 - 0.272727x_8$
x_{16}	3.9545454545	$-0.327273x_{20} - 0.536364x_2 - 5.536364x_3 + 0.390909x_{15} + 1.363636x_{29} + 1.154545x_6 - 2.918182x_7 + 2.727273x_8$
x_{17}	5.7272727272	$-0.163636x_{20} + 0.981818x_2 - 5.018182x_3 + 0.945455x_{15} + 1.181818x_{29} - 0.672727x_6 + 0.290909x_7 + 6.363636x_8$
x_{18}	5.0	$-1.000000x_{20} - 1.000000x_2 + 0.000000x_3 + 1.000000x_{15} + 1.000000x_{29} - 2.000000x_6 + 2.000000x_7 + 3.000000x_8$
x_{19}	2.4090909090	$+0.745455x_{20} - 0.972727x_2 + 5.027273x_3 + 0.081818x_{15} - 1.272727x_{29} + 5.009091x_6 + 5.063636x_7 - 2.063636x_8$
x_1	1.0909090909	$+0.054545x_{20} + 0.672727x_2 - 0.327273x_3 + 0.018182x_{15} + 0.272727x_{29} - 0.109091x_6 - 0.763636x_7 + 0.863636x_8$
x_{21}	14.4545454545	$+0.072727x_{20} + 2.563636x_2 - 1.436364x_3 - 0.309091x_{15} + 0.363636x_{29} + 1.854545x_6 - 3.018182x_7 - 0.863636x_8$
x_{22}	2.9090909090	$-1.254545x_{20} - 2.472727x_2 + 0.527273x_3 + 0.581818x_{15} - 0.272727x_{29} - 0.490909x_6 + 5.563636x_7 - 0.063636x_8$
x_{23}	17.7727272727	$+0.563636x_{20} + 0.118182x_2 - 0.881818x_3 + 0.354545x_{15} - 0.181818x_{29} + 1.372727x_6 + 0.609091x_7 + 6.063636x_8$
x_{24}	26.0	$-1.200000x_{20} + 0.200000x_2 + 3.200000x_3 + 0.600000x_{15} + 1.000000x_{29} + 1.400000x_6 - 3.200000x_7 + 3.800000x_8$
x_{25}	13.5	$-0.600000x_{20} - 2.900000x_2 + 0.100000x_3 + 1.300000x_{15} + 2.700000x_{29} + 2.700000x_6 + 1.900000x_7 + 4.400000x_8$
x_{26}	1.7272727272	$-0.163636x_{20} + 0.981818x_2 - 2.018182x_3 - 0.054545x_{15} + 0.181818x_{29} - 1.672727x_6 - 2.709091x_7 - 0.636364x_8$
x_{27}	25.4090909091	$-0.654545x_{20} - 1.572727x_2 - 1.572727x_3 + 0.281818x_{15} + 0.727273x_{29} - 3.190909x_6 - 0.336364x_7 + 0.545455x_8$
x_{28}	10.0	$+0.200000x_{20} + 2.800000x_2 + 3.800000x_3 - 0.600000x_{15} - 0.000000x_{29} - 4.400000x_6 - 0.800000x_7 + 2.200000x_8$
x_5	2.3636363636	$-0.181818x_{20} + 0.090909x_2 + 0.090909x_3 + 0.272727x_{15} + 0.090909x_{29} + 0.363636x_6 + 0.545455x_7 + 1.063636x_8$
x_{30}	13.3636363636	$-0.181818x_{20} + 1.090909x_2 - 0.909091x_3 + 1.272727x_{15} + 0.090909x_{29} + 4.363636x_6 + 2.545455x_7 + 0.063636x_8$
x_{31}	20.4090909091	$+1.145455x_{20} + 1.627273x_2 + 4.627273x_3 - 1.118182x_{15} - 0.272727x_{29} + 0.209091x_6 - 4.536364x_7 + 0.363636x_8$
x_{32}	9.5909090909	$-0.145455x_{20} - 1.627273x_2 - 0.627273x_3 - 0.881818x_{15} - 0.727273x_{29} - 5.209091x_6 + 1.536364x_7 - 1.363636x_8$
x_9	0.7727272727	$+0.363636x_{20} + 0.318182x_2 + 0.318182x_3 - 0.045455x_{15} - 0.181818x_{29} + 0.772727x_6 + 0.409091x_7 - 0.136364x_8$
z	5.8181818181	$+0.690909x_{20} - 2.145455x_2 - 0.145455x_3 - 0.436364x_{15} - 0.545455x_{29} + 0.618182x_6 - 0.672727x_7 - 1.909091x_8$

x_6 enters and x_{26} leaves

x_{14}	4.78260869565	$-0.347826x_{20} + 0.086957x_2 - 3.956522x_3 + 0.217391x_{15} + 0.608696x_{29} - 2.347826x_{26} - 3.869565x_7 + 1.65760869565$
x_4	1.65760869565	$+0.027174x_{20} - 0.663043x_2 + 1.168478x_3 - 0.157609x_{15} - 0.141304x_{29} + 0.277174x_{26} + 0.505435x_7 - 0.5.14673913043$
x_{16}	5.14673913043	$-0.440217x_{20} + 0.141304x_2 - 6.929348x_3 + 0.353261x_{15} + 1.489130x_{29} - 0.690217x_{26} - 4.788043x_7 + 2.5.03260869565$
x_{17}	5.03260869565	$-0.097826x_{20} + 0.586957x_2 - 4.206522x_3 + 0.967391x_{15} + 1.108696x_{29} + 0.402174x_{26} + 1.380435x_7 + 6.2.9347826087$
x_{18}	2.9347826087	$-0.804348x_{20} - 2.173913x_2 + 2.413043x_3 + 1.065217x_{15} + 0.782609x_{29} + 1.195652x_{26} + 5.239130x_7 + 3.7.58152173913$
x_{19}	7.58152173913	$+0.255435x_{20} + 1.967391x_2 - 1.016304x_3 - 0.081522x_{15} - 0.728261x_{29} - 2.994565x_{26} - 3.048913x_7 - 3.0.978260869565$
x_1	0.978260869565	$+0.065217x_{20} + 0.608696x_2 - 0.195652x_3 + 0.021739x_{15} + 0.260870x_{29} + 0.065217x_{26} - 0.586957x_7 + 0.16.3695652174$
x_{21}	16.3695652174	$-0.108696x_{20} + 3.652174x_2 - 3.673913x_3 - 0.369565x_{15} + 0.565217x_{29} - 1.108696x_{26} - 6.021739x_7 - 1.2.40217391304$
x_{22}	2.40217391304	$-1.206522x_{20} - 2.760870x_2 + 1.119565x_3 + 0.597826x_{15} - 0.326087x_{29} + 0.293478x_{26} + 6.358696x_7 + 0.19.1902173913$
x_{23}	19.1902173913	$+0.429348x_{20} + 0.923913x_2 - 2.538043x_3 + 0.309783x_{15} - 0.032609x_{29} - 0.820652x_{26} - 1.614130x_7 + 5.27.4456521739$
x_{24}	27.4456521739	$-1.336957x_{20} + 1.021739x_2 + 1.510870x_3 + 0.554348x_{15} + 1.152174x_{29} - 0.836957x_{26} - 5.467391x_7 + 3.16.2880434783$
x_{25}	16.2880434783	$-0.864130x_{20} - 1.315217x_2 - 3.157609x_3 + 1.211957x_{15} + 0.293478x_{29} - 1.614130x_{26} - 2.472826x_7 + 3.1.03260869565$
x_6	1.03260869565	$-0.097826x_{20} + 0.586957x_2 - 1.206522x_3 - 0.032609x_{15} + 0.108696x_{29} - 0.597826x_{26} - 1.619565x_7 - 0.22.1141304348$
x_{27}	22.1141304348	$-0.342391x_{20} - 3.445652x_2 + 2.277174x_3 + 0.385870x_{15} + 0.380435x_{29} + 1.907609x_{26} + 4.831522x_7 + 1.5.45652173913$
x_{28}	5.45652173913	$+0.630435x_{20} + 0.217391x_2 + 9.108696x_3 - 0.456522x_{15} - 0.478261x_{29} + 2.630435x_{26} + 6.326087x_7 + 3.2.73913043478$
x_5	2.73913043478	$-0.217391x_{20} + 0.304348x_2 - 0.347826x_3 + 0.260870x_{15} + 0.130435x_{29} - 0.217391x_{26} - 0.043478x_7 + 0.17.8695652174$
x_{30}	17.8695652174	$-0.608696x_{20} + 3.652174x_2 - 6.173913x_3 + 1.130435x_{15} + 0.565217x_{29} - 2.608696x_{26} - 4.521739x_7 - 1.20.625$
x_{31}	20.625	$+1.125000x_{20} + 1.750000x_2 + 4.375000x_3 - 1.125000x_{15} - 0.250000x_{29} - 0.125000x_{26} - 4.875000x_7 + 0.4.21195652174$
x_{32}	4.21195652174	$+0.364130x_{20} - 4.684783x_2 + 5.657609x_3 - 0.711957x_{15} - 1.293478x_{29} + 3.114130x_{26} + 9.972826x_7 + 0.1.57065217391$
x_9	1.57065217391	$+0.288043x_{20} + 0.771739x_2 - 0.614130x_3 - 0.070652x_{15} - 0.097826x_{29} - 0.461957x_{26} - 0.842391x_7 - 0.6.45652173913$
z	6.45652173913	$+0.630435x_{20} - 1.782609x_2 - 0.891304x_3 - 0.456522x_{15} - 0.478261x_{29} - 0.369565x_{26} - 1.673913x_7 - 2.$

x_{10} enters and x_{14} leaves

x_{10}	0.486725663717	$-0.035398x_{20} + 0.008850x_2 - 0.402655x_3 + 0.022124x_{15} + 0.061947x_{29} - 0.238938x_{26} - 0.393805x_7 + 0.2.04646017699$
x_4	2.04646017699	$-0.001106x_{20} - 0.655973x_2 + 0.846792x_3 - 0.139934x_{15} - 0.091814x_{29} + 0.086283x_{26} + 0.190819x_7 - 0.5.46681415929$
x_{16}	5.46681415929	$-0.463496x_{20} + 0.147124x_2 - 7.194137x_3 + 0.367810x_{15} + 1.529867x_{29} - 0.847345x_{26} - 5.047013x_7 + 2.5.96902654867$
x_{17}	5.96902654867	$-0.165929x_{20} + 0.603982x_2 - 4.981195x_3 + 1.009956x_{15} + 1.227876x_{29} - 0.057522x_{26} + 0.622788x_7 + 6.4.46902654867$
x_{18}	4.46902654867	$-0.915929x_{20} - 2.146018x_2 + 1.143805x_3 + 1.134956x_{15} + 0.977876x_{29} + 0.442478x_{26} + 3.997788x_7 + 4.3.83849557522$
x_{19}	3.83849557522	$+0.527655x_{20} + 1.899336x_2 + 2.080199x_3 - 0.251659x_{15} - 1.204646x_{29} - 1.157080x_{26} - 0.020465x_7 - 4.1.32743362832$
x_1	1.32743362832	$+0.039823x_{20} + 0.615044x_2 - 0.484513x_3 + 0.037611x_{15} + 0.305310x_{29} - 0.106195x_{26} - 0.869469x_7 + 0.14.3274336283$
x_{21}	14.3274336283	$+0.039823x_{20} + 3.615044x_2 - 1.984513x_3 - 0.462389x_{15} + 0.305310x_{29} - 0.106195x_{26} - 4.369469x_7 - 2.3.24336283186$
x_{22}	3.24336283186	$-1.267699x_{20} - 2.745575x_2 + 0.423673x_3 + 0.636062x_{15} - 0.219027x_{29} - 0.119469x_{26} + 5.678097x_7 + 0.17.3517699115$
x_{23}	17.3517699115	$+0.563053x_{20} + 0.890487x_2 - 1.017146x_3 + 0.226217x_{15} - 0.266593x_{29} + 0.081858x_{26} - 0.126659x_7 + 5.26.6150442478$
x_{24}	26.6150442478	$-1.276549x_{20} + 1.006637x_2 + 2.198009x_3 + 0.516593x_{15} + 1.046460x_{29} - 0.429204x_{26} - 4.795354x_7 + 3.15.3119469027$
x_{25}	15.3119469027	$-0.793142x_{20} - 1.332965x_2 - 2.350111x_3 + 1.167588x_{15} + 0.169248x_{29} - 1.134956x_{26} - 1.683075x_7 + 3.0.0221238938053$
x_6	0.0221238938053	$-0.024336x_{20} + 0.568584x_2 - 0.370575x_3 - 0.078540x_{15} - 0.019912x_{29} - 0.101770x_{26} - 0.801991x_7 - 0.24.9048672566$
x_{27}	24.9048672566	$-0.545354x_{20} - 3.394912x_2 - 0.031527x_3 + 0.512721x_{15} + 0.735619x_{29} + 0.537611x_{26} + 2.573562x_7 + 2.10.2920353982$
x_{28}	10.2920353982	$+0.278761x_{20} + 0.305310x_2 + 5.108407x_3 - 0.236726x_{15} + 0.137168x_{29} + 0.256637x_{26} + 2.413717x_7 + 4.2.54867256637$
x_5	2.54867256637	$-0.203540x_{20} + 0.300885x_2 - 0.190265x_3 + 0.252212x_{15} + 0.106195x_{29} - 0.123894x_{26} + 0.110619x_7 + 0.15.0973451327$
x_{30}	15.0973451327	$-0.407080x_{20} + 3.601770x_2 - 3.880531x_3 + 1.004425x_{15} + 0.212389x_{29} - 1.247788x_{26} - 2.278761x_7 - 2.19.1039823009$
x_{31}	19.1039823009	$+1.235619x_{20} + 1.722345x_2 + 5.633296x_3 - 1.194137x_{15} - 0.443584x_{29} + 0.621681x_{26} - 3.644358x_7 - 0.9.32522123894$
x_{32}	9.32522123894	$-0.007743x_{20} - 4.591814x_2 + 1.427544x_3 - 0.479535x_{15} - 0.642699x_{29} + 0.603982x_{26} + 5.835730x_7 + 1.0.922566371681$
x_9	0.922566371681	$+0.335177x_{20} + 0.759956x_2 - 0.077987x_3 - 0.100111x_{15} - 0.180310x_{29} - 0.143805x_{26} - 0.318031x_7 - 0.6.91150442478$
z	6.91150442478	$+0.597345x_{20} - 1.774336x_2 - 1.267699x_3 - 0.435841x_{15} - 0.420354x_{29} - 0.592920x_{26} - 2.042035x_7 - 2.$

x_{13} enters and x_{28} leaves

x_{10}	1.69910371319	$-0.002561x_{20} + 0.044814x_2 + 0.199104x_3 - 0.005762x_{15} + 0.078105x_{29} - 0.208707x_{26} - 0.109475x_7 + 0.$
x_4	0.409090909091	$-0.045455x_{20} - 0.704545x_2 + 0.034091x_3 - 0.102273x_{15} - 0.113636x_{29} + 0.045455x_{26} - 0.193182x_7 - 0.$
x_{16}	11.8482714469	$-0.290653x_{20} + 0.336428x_2 - 4.026729x_3 + 0.221031x_{15} + 1.614917x_{29} - 0.688220x_{26} - 3.550416x_7 + 5.$
x_{17}	6.06786171575	$-0.163252x_{20} + 0.606914x_2 - 4.932138x_3 + 1.007682x_{15} + 1.229193x_{29} - 0.055058x_{26} + 0.645967x_7 + 6.$
x_{18}	3.82330345711	$-0.933419x_{20} - 2.165173x_2 + 0.823303x_3 + 1.149808x_{15} + 0.969270x_{29} + 0.426376x_{26} + 3.846351x_7 + 3.$
x_{19}	16.4795134443	$+0.870038x_{20} + 2.274328x_2 + 8.354513x_3 - 0.542414x_{15} - 1.036172x_{29} - 0.841869x_{26} + 2.944142x_7 + 1.$
x_1	0.708066581306	$+0.023047x_{20} + 0.596671x_2 - 0.791933x_3 + 0.051857x_{15} + 0.297055x_{29} - 0.121639x_{26} - 1.014725x_7 + 0.$
x_{21}	16.6862996159	$+0.103713x_{20} + 3.685019x_2 - 0.813700x_3 - 0.516645x_{15} + 0.336748x_{29} - 0.047375x_{26} - 3.816261x_7 - 0.$
x_{22}	13.528809219	$-0.989117x_{20} - 2.440461x_2 + 5.528809x_3 + 0.399488x_{15} - 0.081946x_{29} + 0.137004x_{26} + 8.090269x_7 + 5.$
x_{23}	13.8892445583	$+0.469270x_{20} + 0.787772x_2 - 2.735755x_3 + 0.305858x_{15} - 0.312740x_{29} - 0.004481x_{26} - 0.938700x_7 + 3.$
x_{24}	26.7797695262	$-1.272087x_{20} + 1.011524x_2 + 2.279770x_3 + 0.512804x_{15} + 1.048656x_{29} - 0.425096x_{26} - 4.756722x_7 + 3.$
x_{25}	23.6766965429	$-0.566581x_{20} - 1.084827x_2 + 1.801697x_3 + 0.975192x_{15} + 0.280730x_{29} - 0.926376x_{26} + 0.278649x_7 + 7.$
x_6	1.22791293214	$+0.008323x_{20} + 0.604353x_2 + 0.227913x_3 - 0.106274x_{15} - 0.003841x_{29} - 0.071703x_{26} - 0.519206x_7 - 0.$
x_{27}	15.8482714469	$-0.790653x_{20} - 3.663572x_2 - 4.526729x_3 + 0.721031x_{15} + 0.614917x_{29} + 0.311780x_{26} + 0.449584x_7 - 2.$
x_{13}	1.48911651729	$+0.040333x_{20} + 0.044174x_2 + 0.739117x_3 - 0.034251x_{15} + 0.019846x_{29} + 0.037132x_{26} + 0.349232x_7 + 0.$
x_5	3.56338028169	$-0.176056x_{20} + 0.330986x_2 + 0.313380x_3 + 0.228873x_{15} + 0.119718x_{29} - 0.098592x_{26} + 0.348592x_7 + 1.$
x_{30}	30.528809219	$+0.010883x_{20} + 4.059539x_2 + 3.778809x_3 + 0.649488x_{15} + 0.418054x_{29} - 0.862996x_{26} + 1.340269x_7 + 5.$
x_{31}	10.4756722151	$+1.001921x_{20} + 1.466389x_2 + 1.350672x_3 - 0.995679x_{15} - 0.558579x_{29} + 0.406530x_{26} - 5.667894x_7 - 4.$
x_{32}	0.841869398207	$-0.237516x_{20} - 4.843470x_2 - 2.783131x_3 - 0.284411x_{15} - 0.755762x_{29} + 0.392446x_{26} + 3.846191x_7 - 2.$
x_9	1.16965428937	$+0.341869x_{20} + 0.767286x_2 + 0.044654x_3 - 0.105794x_{15} - 0.177017x_{29} - 0.137644x_{26} - 0.260083x_7 - 0.$
z	8.04481434059	$+0.628041x_{20} - 1.740717x_2 - 0.705186x_3 - 0.461908x_{15} - 0.405250x_{29} - 0.564661x_{26} - 1.776248x_7 - 1.$

x_{20} enters and x_{32} leaves

x_{10}	1.69002695418	$+0.010782x_{32} + 0.097035x_2 + 0.229111x_3 - 0.002695x_{15} + 0.086253x_{29} - 0.212938x_{26} - 0.150943x_7$
x_4	0.247978436658	$+0.191375x_{32} + 0.222372x_2 + 0.566712x_3 - 0.047844x_{15} + 0.030997x_{29} - 0.029650x_{26} - 0.929245x_7$
x_{16}	10.8180592992	$+1.223720x_{32} + 6.263477x_2 - 0.620957x_3 + 0.569070x_{15} + 2.539757x_{29} - 1.168464x_{26} - 8.257075x_7$
x_{17}	5.48921832884	$+0.687332x_{32} + 3.935984x_2 - 3.019205x_3 + 1.203167x_{15} + 1.748652x_{29} - 0.324798x_{26} - 1.997642x_7$
x_{18}	0.514824797844	$+3.929919x_{32} + 16.869272x_2 + 11.760782x_3 + 2.267520x_{15} + 3.939353x_{29} - 1.115903x_{26} - 11.268868x_7$
x_{19}	19.5633423181	$-3.663073x_{32} - 15.467655x_2 - 1.840296x_3 - 1.584232x_{15} - 3.804582x_{29} + 0.595687x_{26} + 17.033019x_7$
x_1	0.789757412399	$-0.097035x_{32} + 0.126685x_2 - 1.061995x_3 + 0.024259x_{15} + 0.223720x_{29} - 0.083558x_{26} - 0.641509x_7$
x_{21}	17.0539083558	$-0.436658x_{32} + 1.570081x_2 - 2.028976x_3 - 0.640836x_{15} + 0.006739x_{29} + 0.123989x_{26} - 2.136792x_7$
x_{22}	10.0229110512	$+4.164420x_{32} + 17.729784x_2 + 17.118935x_3 + 1.583895x_{15} + 3.065364x_{29} - 1.497305x_{26} - 7.926887x_7$
x_{23}	15.5525606469	$-1.975741x_{32} - 8.781671x_2 - 8.234501x_3 - 0.256065x_{15} - 1.805930x_{29} + 0.770889x_{26} + 6.660377x_7$
x_{24}	22.2708894879	$+5.355795x_{32} + 26.952156x_2 + 17.185647x_3 + 2.036051x_{15} + 5.096361x_{29} - 2.526954x_{26} - 25.356132x_7$
x_{25}	21.6684636119	$+2.385445x_{32} + 10.469003x_2 + 8.440701x_3 + 1.653639x_{15} + 2.083558x_{29} - 1.862534x_{26} - 8.896226x_7$
x_6	1.25741239892	$-0.035040x_{32} + 0.434636x_2 + 0.130391x_3 - 0.116240x_{15} - 0.030323x_{29} - 0.057951x_{26} - 0.384434x_7$
x_{27}	13.0458221024	$+3.328841x_{32} + 12.459569x_2 + 4.737871x_3 + 1.667790x_{15} + 3.130728x_{29} - 0.994609x_{26} - 12.353774x_7$
x_{13}	1.6320754717	$-0.169811x_{32} - 0.778302x_2 + 0.266509x_3 - 0.082547x_{15} - 0.108491x_{29} + 0.103774x_{26} + 1.002358x_7$
x_5	2.93935309973	$+0.741240x_{32} + 3.921159x_2 + 2.376348x_3 + 0.439690x_{15} + 0.679919x_{29} - 0.389488x_{26} - 2.502358x_7$
x_{30}	30.5673854447	$-0.045822x_{32} + 3.837601x_2 + 3.651280x_3 + 0.636456x_{15} + 0.383423x_{29} - 0.845013x_{26} + 1.516509x_7$
x_{31}	14.0269541779	$-4.218329x_{32} - 18.964960x_2 - 10.389488x_3 - 2.195418x_{15} - 3.746631x_{29} + 2.061995x_{26} + 10.556604x_7$
x_{20}	3.54447439353	$-4.210243x_{32} - 20.392183x_2 - 11.717655x_3 - 1.197439x_{15} - 3.181941x_{29} + 1.652291x_{26} + 16.193396x_7$
x_9	2.38140161725	$-1.439353x_{32} - 6.204178x_2 - 3.961253x_3 - 0.515162x_{15} - 1.264825x_{29} + 0.427224x_{26} + 5.275943x_7$
z	10.2708894879	$-2.644205x_{32} - 14.547844x_2 - 8.064353x_3 - 1.213949x_{15} - 2.403639x_{29} + 0.473046x_{26} + 8.393868x_7$

x_7 enters and x_{18} leaves

x_{10}	1.68313101716	$-0.041859x_{32}$	$-0.128924x_2$	$+0.071578x_3$	$-0.033068x_{15}$	$+0.033487x_{29}$	$-0.197991x_{26}$	$+0.013395x_{18}$
x_4	0.205525324404	$-0.132692x_{32}$	$-1.168690x_2$	$-0.403098x_3$	$-0.234826x_{15}$	$-0.293847x_{29}$	$+0.062369x_{26}$	$+0.082461x_{18}$
x_{16}	10.4408299946	$-1.655863x_{32}$	$-6.097201x_2$	$-9.238474x_3$	$-1.092418x_{15}$	$-0.346738x_{29}$	$-0.350804x_{26}$	$+0.732733x_{18}$
x_{17}	5.3979549124	$-0.009328x_{32}$	$+0.945554x_2$	$-5.104048x_3$	$+0.801202x_{15}$	$+1.050320x_{29}$	$-0.126981x_{26}$	$+0.177271x_{18}$
x_7	0.0456855827304	$+0.348741x_{32}$	$+1.496980x_2$	$+1.043652x_3$	$+0.201220x_{15}$	$+0.349578x_{29}$	$-0.099025x_{26}$	$-0.088740x_{18}$
x_{19}	20.3415057107	$+2.277044x_{32}$	$+10.030437x_2$	$+15.936255x_3$	$+1.843150x_{15}$	$+2.149794x_{29}$	$-1.091012x_{26}$	$-1.511511x_{18}$
x_1	0.760449680081	$-0.320756x_{32}$	$-0.833642x_2$	$-1.731508x_3$	$-0.104826x_{15}$	$-0.000538x_{29}$	$-0.020032x_{26}$	$+0.056928x_{18}$
x_{21}	16.9562877474	$-1.181845x_{32}$	$-1.628655x_2$	$-4.259044x_3$	$-1.070801x_{15}$	$-0.740238x_{29}$	$+0.335586x_{26}$	$+0.189619x_{18}$
x_{22}	9.66076660886	$+1.399988x_{32}$	$+5.863392x_2$	$+8.846020x_3$	$-0.011152x_{15}$	$+0.294295x_{29}$	$-0.712342x_{26}$	$+0.703432x_{18}$
x_{23}	15.8568438677	$+0.347007x_{32}$	$+1.188782x_2$	$-1.283382x_3$	$+1.084136x_{15}$	$+0.522394x_{29}$	$+0.111344x_{26}$	$-0.591042x_{18}$
x_{24}	21.1124798182	$-3.486934x_{32}$	$-11.005472x_2$	$-9.277343x_3$	$-3.066107x_{15}$	$-3.767596x_{29}$	$-0.016056x_{26}$	$+2.250105x_{18}$
x_{25}	21.262034324	$-0.717036x_{32}$	$-2.848472x_2$	$-0.843868x_3$	$-0.136459x_{15}$	$-1.026371x_{29}$	$-0.981582x_{26}$	$+0.789452x_{18}$
x_6	1.23984930933	$-0.169108x_{32}$	$-0.140854x_2$	$-0.270825x_3$	$-0.193596x_{15}$	$-0.164713x_{29}$	$-0.019883x_{26}$	$+0.034115x_{18}$
x_{27}	12.4814327573	$-0.979430x_{32}$	$-6.033786x_2$	$-8.155176x_3$	$-0.818035x_{15}$	$-1.187885x_{29}$	$+0.228727x_{26}$	$+1.096275x_{18}$
x_{13}	1.67786880344	$+0.179752x_{32}$	$+0.722209x_2$	$+1.312623x_3$	$+0.119147x_{15}$	$+0.241912x_{29}$	$+0.004515x_{26}$	$-0.088949x_{18}$
x_5	2.82503139389	$-0.131436x_{32}$	$+0.175178x_2$	$-0.235245x_3$	$-0.063834x_{15}$	$-0.194851x_{29}$	$-0.141691x_{26}$	$+0.222059x_{18}$
x_{30}	30.636668062	$+0.483047x_{32}$	$+6.107786x_2$	$+5.233989x_3$	$+0.941607x_{15}$	$+0.913562x_{29}$	$-0.995186x_{26}$	$-0.134575x_{18}$
x_{31}	14.5092387729	$-0.536806x_{32}$	$-3.161933x_2$	$+0.627938x_3$	$-0.071219x_{15}$	$-0.056270x_{29}$	$+1.016624x_{26}$	$-0.936794x_{18}$
x_{20}	4.28427913652	$+1.437063x_{32}$	$+3.849010x_2$	$+5.182623x_3$	$+2.060994x_{15}$	$+2.478921x_{29}$	$+0.048735x_{26}$	$-1.437003x_{18}$
x_9	2.62243616576	$+0.400586x_{32}$	$+1.693805x_2$	$+1.544998x_3$	$+0.546463x_{15}$	$+0.579531x_{29}$	$-0.095228x_{26}$	$-0.468188x_{18}$
z	10.6543682354	$+0.283083x_{32}$	$-1.982390x_2$	$+0.695928x_3$	$+0.475064x_{15}$	$+0.530676x_{29}$	$-0.358159x_{26}$	$-0.744872x_{18}$

x_3 enters and x_1 leaves

x_{10}	1.71456692913	$-0.055118x_{32}$	$-0.163386x_2$	$-0.041339x_1$	$-0.037402x_{15}$	$+0.033465x_{29}$	$-0.198819x_{26}$	$+0.015748x_{18}$
x_4	0.0284915043514	$-0.058019x_{32}$	$-0.974617x_2$	$+0.232801x_1$	$-0.210423x_{15}$	$-0.293722x_{29}$	$+0.067033x_{26}$	$+0.069208x_{18}$
x_{16}	6.38344384584	$+0.055533x_{32}$	$-1.649295x_2$	$+5.335509x_1$	$-0.533119x_{15}$	$-0.343867x_{29}$	$-0.243922x_{26}$	$+0.428996x_{18}$
x_{17}	3.15634065479	$+0.936179x_{32}$	$+3.402922x_2$	$+2.947748x_1$	$+1.110202x_{15}$	$+1.051906x_{29}$	$-0.067931x_{26}$	$+0.009463x_{18}$
x_7	0.504040613344	$+0.155408x_{32}$	$+0.994509x_2$	$-0.602742x_1$	$+0.138037x_{15}$	$+0.349254x_{29}$	$-0.111100x_{26}$	$-0.054427x_{18}$
x_{19}	27.3404475756	$-0.675093x_{32}$	$+2.357853x_2$	$-9.203688x_1$	$+0.878367x_{15}$	$+2.144840x_{29}$	$-1.275383x_{26}$	$-0.987567x_{18}$
x_3	0.439183588893	$-0.185247x_{32}$	$-0.481455x_2$	$-0.577531x_1$	$-0.060540x_{15}$	$-0.000311x_{29}$	$-0.011569x_{26}$	$+0.032877x_{18}$
x_{21}	15.0857853295	$-0.392872x_{32}$	$+0.421881x_2$	$+2.459732x_1$	$-0.812958x_{15}$	$-0.738914x_{29}$	$+0.384860x_{26}$	$+0.049592x_{18}$
x_{22}	13.5457936179	$-0.238707x_{32}$	$+1.604434x_2$	$-5.108855x_1$	$-0.546692x_{15}$	$+0.291546x_{29}$	$-0.814684x_{26}$	$+0.994267x_{18}$
x_{23}	15.2932034811	$+0.584749x_{32}$	$+1.806672x_2$	$+0.741194x_1$	$+1.161832x_{15}$	$+0.522793x_{29}$	$+0.126191x_{26}$	$-0.633237x_{18}$
x_{24}	17.0380232076	$-1.768338x_{32}$	$-6.538852x_2$	$+5.357957x_1$	$-2.504455x_{15}$	$-3.764712x_{29}$	$+0.091276x_{26}$	$+1.945089x_{18}$
x_{25}	20.8914214671	$-0.560713x_{32}$	$-2.442188x_2$	$+0.487360x_1$	$-0.085371x_{15}$	$-1.026109x_{29}$	$-0.971819x_{26}$	$+0.761707x_{18}$
x_6	1.12090758392	$-0.118939x_{32}$	$-0.010464x_2$	$+0.156410x_1$	$-0.177200x_{15}$	$-0.164629x_{29}$	$-0.016750x_{26}$	$+0.025211x_{18}$
x_{27}	8.89981351015	$+0.531289x_{32}$	$-2.107439x_2$	$+4.709870x_1$	$-0.324320x_{15}$	$-1.185350x_{29}$	$+0.323076x_{26}$	$+0.828153x_{18}$
x_{13}	2.25435142976	$-0.063407x_{32}$	$+0.090240x_2$	$-0.758081x_1$	$+0.039681x_{15}$	$+0.241504x_{29}$	$-0.010671x_{26}$	$-0.045794x_{18}$
x_5	2.72171570659	$-0.087857x_{32}$	$+0.288438x_2$	$+0.135861x_1$	$-0.049592x_{15}$	$-0.194778x_{29}$	$-0.138969x_{26}$	$+0.214325x_{18}$
x_{30}	32.9353501865	$-0.486531x_{32}$	$+3.587857x_2$	$-3.022793x_1$	$+0.624741x_{15}$	$+0.911935x_{29}$	$-1.055740x_{26}$	$+0.037505x_{18}$
x_{31}	14.785018649	$-0.653129x_{32}$	$-3.464256x_2$	$-0.362654x_1$	$-0.109235x_{15}$	$-0.056465x_{29}$	$+1.009359x_{26}$	$-0.916149x_{18}$
x_{20}	6.56040198923	$+0.477000x_{32}$	$+1.353813x_2$	$-2.993128x_1$	$+1.747237x_{15}$	$+2.477310x_{29}$	$-0.011224x_{26}$	$-1.266611x_{18}$
x_9	3.30097389142	$+0.114380x_{32}$	$+0.949959x_2$	$-0.892285x_1$	$+0.452929x_{15}$	$+0.579051x_{29}$	$-0.113103x_{26}$	$-0.417392x_{18}$
z	10.9600082884	$+0.154165x_{32}$	$-2.317447x_2$	$-0.401920x_1$	$+0.432933x_{15}$	$+0.530460x_{29}$	$-0.366211x_{26}$	$-0.721992x_{18}$

x_8 enters and x_4 leaves

x_{10}	1.72582103043	$-0.078036x_{32} - 0.548358x_2 + 0.050618x_1 - 0.120518x_{15} - 0.082555x_{29} - 0.172341x_{26} + 0.043085x_{18} -$
x_8	0.0207140705032	$-0.042181x_{32} - 0.708572x_2 + 0.169253x_1 - 0.152983x_{15} - 0.213543x_{29} + 0.048735x_{26} + 0.050316x_{18} -$
x_{16}	6.38921110776	$+0.043788x_{32} - 1.846578x_2 + 5.382633x_1 - 0.575713x_{15} - 0.403322x_{29} - 0.230353x_{26} + 0.443005x_{18} -$
x_{17}	3.30037913026	$+0.642864x_{32} - 1.524242x_2 + 4.124674x_1 + 0.046412x_{15} - 0.432999x_{29} + 0.270953x_{26} + 0.359345x_{18} -$
x_7	0.524379833283	$+0.113990x_{32} + 0.298760x_2 - 0.436552x_1 - 0.012177x_{15} + 0.139575x_{29} - 0.063247x_{26} - 0.005022x_{18} -$
x_{19}	27.5455709551	$-1.092799x_{32} - 4.658858x_2 - 7.527644x_1 - 0.636562x_{15} + 0.030205x_{29} - 0.792784x_{26} - 0.489304x_{18} -$
x_3	0.436150446922	$-0.179070x_{32} - 0.377699x_2 - 0.602315x_1 - 0.038139x_{15} + 0.030958x_{29} - 0.018705x_{26} + 0.025510x_{18} +$
x_{21}	15.009842322	$-0.238224x_{32} + 3.019685x_2 + 1.839209x_1 - 0.252084x_{15} + 0.043989x_{29} + 0.206187x_{26} - 0.134880x_{18} +$
x_{22}	13.6393617555	$-0.429246x_{32} - 1.596276x_2 - 4.344318x_1 - 1.237735x_{15} - 0.673057x_{29} - 0.594544x_{26} + 1.221553x_{18} -$
x_{23}	15.430476047	$+0.305212x_{32} - 2.889048x_2 + 1.862835x_1 + 0.148011x_{15} - 0.892362x_{29} + 0.449156x_{26} - 0.299789x_{18} -$
x_{24}	16.7897333534	$-1.262730x_{32} + 1.954467x_2 + 3.329203x_1 - 0.670722x_{15} - 1.205069x_{29} - 0.492882x_{26} + 1.341970x_{18} +$
x_{25}	20.947348599	$-0.674601x_{32} - 4.355303x_2 + 0.944336x_1 - 0.498418x_{15} - 1.602666x_{29} - 0.840238x_{26} + 0.897560x_{18} -$
x_6	1.11048759667	$-0.097720x_{32} + 0.345975x_2 + 0.071269x_1 - 0.100244x_{15} - 0.057208x_{29} - 0.041265x_{26} - 0.000100x_{18} +$
x_{27}	8.75047705132	$+0.835392x_{32} + 3.000954x_2 + 3.489656x_1 + 0.778598x_{15} + 0.354173x_{29} - 0.028272x_{26} + 0.465401x_{18} +$
x_{13}	2.28076981018	$-0.117204x_{32} - 0.813460x_2 - 0.542219x_1 - 0.155431x_{15} - 0.030845x_{29} + 0.051484x_{26} + 0.018379x_{18} -$
x_5	2.72779200562	$-0.100231x_{32} + 0.080584x_2 + 0.185510x_1 - 0.094469x_{15} - 0.257419x_{29} - 0.124674x_{26} + 0.229085x_{18} -$
x_{30}	33.0621798735	$-0.744803x_{32} - 0.750640x_2 - 1.986479x_1 - 0.311954x_{15} - 0.395563x_{29} - 0.757344x_{26} + 0.345586x_{18} -$
x_{31}	14.7426433665	$-0.566837x_{32} - 2.014713x_2 - 0.708898x_1 + 0.203726x_{15} + 0.380386x_{29} + 0.909662x_{26} - 1.019082x_{18} +$
x_{20}	6.72564527468	$+0.140504x_{32} - 4.298709x_2 - 1.642940x_1 + 0.526840x_{15} + 0.773802x_{29} + 0.377548x_{26} - 0.865220x_{18} -$
x_9	3.34165662348	$+0.031536x_{32} - 0.441687x_2 - 0.559870x_1 + 0.152468x_{15} + 0.159649x_{29} - 0.017387x_{26} - 0.318570x_{18} -$
z	10.9983303204	$+0.076127x_{32} - 3.628339x_2 - 0.088794x_1 + 0.149907x_{15} + 0.135395x_{29} - 0.276050x_{26} - 0.628904x_{18} -$

x_{15} enters and x_8 leaves

x_{10}	1.70950270803	$-0.044806x_{32} + 0.009847x_2 - 0.082718x_1 + 0.787789x_8 + 0.085672x_{29} - 0.210734x_{26} + 0.003447x_{18} +$
x_{15}	0.135401280158	$-0.275726x_{32} - 4.631709x_2 + 1.106352x_1 - 6.536681x_8 - 1.395864x_{29} + 0.318562x_{26} + 0.328902x_{18} -$
x_{16}	6.3112588216	$+0.202527x_{32} + 0.819957x_2 + 4.745692x_1 + 3.763253x_8 + 0.400295x_{29} - 0.413753x_{26} + 0.253652x_{18} +$
x_{17}	3.30666338421	$+0.630067x_{32} - 1.739209x_2 + 4.176022x_1 - 0.303381x_8 - 0.497784x_{29} + 0.285738x_{26} + 0.374610x_{18} -$
x_7	0.52273100279	$+0.117348x_{32} + 0.355162x_2 - 0.450025x_1 + 0.079600x_8 + 0.156573x_{29} - 0.067126x_{26} - 0.009027x_{18} -$
x_{19}	27.459379616	$-0.917282x_{32} - 1.710487x_2 - 8.231905x_1 + 4.161004x_8 + 0.918759x_{29} - 0.995569x_{26} - 0.698671x_{18} -$
x_3	0.430986377811	$-0.168554x_{32} - 0.201050x_2 - 0.644510x_1 + 0.249302x_8 + 0.084195x_{29} - 0.030855x_{26} + 0.012966x_{18} +$
x_{21}	14.975709831	$-0.168718x_{32} + 4.187264x_2 + 1.560315x_1 + 1.647793x_8 + 0.395864x_{29} + 0.125882x_{26} - 0.217791x_{18} +$
x_{22}	13.4717708846	$-0.087970x_{32} + 4.136550x_2 - 5.713688x_1 + 8.090678x_8 + 1.054653x_{29} - 0.988840x_{26} + 0.814459x_{18} +$
x_{23}	15.4505169867	$+0.264402x_{32} - 3.574594x_2 + 2.026588x_1 - 0.967504x_8 - 1.098966x_{29} + 0.496307x_{26} - 0.251108x_{18} -$
x_{24}	16.6989167898	$-1.077794x_{32} + 5.061054x_2 + 2.587149x_1 + 4.384293x_8 - 0.268833x_{29} - 0.706548x_{26} + 1.121369x_{18} +$
x_{25}	20.8798621369	$-0.537174x_{32} - 2.046775x_2 + 0.392910x_1 + 3.258001x_8 - 0.906942x_{29} - 0.999015x_{26} + 0.733629x_{18} +$
x_6	1.09691449204	$-0.070080x_{32} + 0.810274x_2 - 0.039636x_1 + 0.655260x_8 + 0.082718x_{29} - 0.073199x_{26} - 0.033071x_{18} +$
x_{27}	8.85590021336	$+0.620712x_{32} - 0.605285x_2 + 4.351059x_1 - 5.089447x_8 - 0.732644x_{29} + 0.219760x_{26} + 0.721484x_{18} +$
x_{13}	2.25972427376	$-0.074348x_{32} - 0.093550x_2 - 0.714180x_1 + 1.016002x_8 + 0.186115x_{29} + 0.001969x_{26} - 0.032742x_{18} -$
x_5	2.71500082061	$-0.074183x_{32} + 0.518136x_2 + 0.080995x_1 + 0.617512x_8 - 0.125554x_{29} - 0.154768x_{26} + 0.198014x_{18} +$
x_{30}	33.0199409158	$-0.658789x_{32} + 0.694239x_2 - 2.331610x_1 + 2.039143x_8 + 0.039882x_{29} - 0.856721x_{26} + 0.242984x_{18} -$
x_{31}	14.7702281306	$-0.623010x_{32} - 2.958313x_2 - 0.483506x_1 - 1.331692x_8 + 0.096012x_{29} + 0.974561x_{26} - 0.952076x_{18} +$
x_{20}	6.79698014115	$-0.004760x_{32} - 6.738881x_2 - 1.060069x_1 - 3.443788x_8 + 0.038405x_{29} + 0.545380x_{26} - 0.691942x_{18} -$
x_9	3.36230100115	$-0.010504x_{32} - 1.147875x_2 - 0.391187x_1 - 0.996635x_8 - 0.053176x_{29} + 0.031183x_{26} - 0.268423x_{18} -$
z	11.0186279337	$+0.034794x_{32} - 4.322665x_2 + 0.077056x_1 - 0.979895x_8 - 0.073855x_{29} - 0.228295x_{26} - 0.579600x_{18} -$

x_1 enters and x_3 leaves

x_{10}	1.65418894831	$-0.023173x_{32}$	$+0.035651x_2$	$+0.128342x_3$	$+0.755793x_8$	$+0.074866x_{29}$	$-0.206774x_{26}$	$+0.001783x_{18}$	+
x_{15}	0.875222816399	$-0.565062x_{32}$	$-4.976827x_2$	$-1.716578x_3$	$-6.108734x_8$	$-1.251337x_{29}$	$+0.265597x_{26}$	$+0.351159x_{18}$	-
x_{16}	9.48472116119	$-1.038579x_{32}$	$-0.660428x_2$	$-7.363254x_3$	$+5.598930x_8$	$+1.020244x_{29}$	$-0.640947x_{26}$	$+0.349121x_{18}$	+
x_{17}	6.0991851286	$-0.462058x_{32}$	$-3.041889x_2$	$-6.479374x_3$	$+1.311943x_8$	$+0.047746x_{29}$	$+0.085816x_{26}$	$+0.458620x_{18}$	+
x_7	0.221797810033	$+0.235039x_{32}$	$+0.495544x_2$	$+0.698243x_3$	$-0.094474x_8$	$+0.097785x_{29}$	$-0.045582x_{26}$	$-0.018080x_{18}$	-
x_{19}	21.9546727782	$+1.235549x_{32}$	$+0.857398x_2$	$+12.772345x_3$	$+0.976827x_8$	$-0.156608x_{29}$	$-0.601477x_{26}$	$-0.864273x_{18}$	-
x_1	0.668703845174	$-0.261523x_{32}$	$-0.311943x_2$	$-1.551566x_3$	$+0.386809x_8$	$+0.130634x_{29}$	$-0.047874x_{26}$	$+0.020117x_{18}$	+
x_{21}	16.0190985485	$-0.576776x_{32}$	$+3.700535x_2$	$-2.420932x_3$	$+2.251337x_8$	$+0.599694x_{29}$	$+0.051184x_{26}$	$-0.186402x_{18}$	+
x_{22}	9.65100585689	$+1.406290x_{32}$	$+5.918895x_2$	$+8.865164x_3$	$+5.880570x_8$	$+0.308251x_{29}$	$-0.715304x_{26}$	$+0.699516x_{18}$	+
x_{23}	16.8057040998	$-0.265597x_{32}$	$-4.206774x_2$	$-3.144385x_3$	$-0.183601x_8$	$-0.834225x_{29}$	$+0.399287x_{26}$	$-0.210339x_{18}$	-
x_{24}	18.4289533995	$-1.754393x_{32}$	$+4.254011x_2$	$-4.014133x_3$	$+5.385027x_8$	$+0.069137x_{29}$	$-0.830405x_{26}$	$+1.173415x_{18}$	+
x_{25}	21.1426024955	$-0.639929x_{32}$	$-2.169340x_2$	$-0.609626x_3$	$+3.409982x_8$	$-0.855615x_{29}$	$-1.017825x_{26}$	$+0.741533x_{18}$	+
x_6	1.07040998217	$-0.059715x_{32}$	$+0.822638x_2$	$+0.061497x_3$	$+0.639929x_8$	$+0.077540x_{29}$	$-0.071301x_{26}$	$-0.033868x_{18}$	+
x_{27}	11.7654698243	$-0.517189x_{32}$	$-1.962567x_2$	$-6.750955x_3$	$-3.406417x_8$	$-0.164248x_{29}$	$+0.011459x_{26}$	$+0.809015x_{18}$	+
x_{13}	1.78214922333	$+0.112427x_{32}$	$+0.129234x_2$	$+1.108098x_3$	$+0.739750x_8$	$+0.092819x_{29}$	$+0.036160x_{26}$	$-0.047110x_{18}$	-
x_5	2.76916221034	$-0.095365x_{32}$	$+0.492870x_2$	$-0.125668x_3$	$+0.648841x_8$	$-0.114973x_{29}$	$-0.158645x_{26}$	$+0.199643x_{18}$	+
x_{30}	31.4607843137	$-0.049020x_{32}$	$+1.421569x_2$	$+3.617647x_3$	$+1.137255x_8$	$-0.264706x_{29}$	$-0.745098x_{26}$	$+0.196078x_{18}$	-
x_{31}	14.4469060351	$-0.496562x_{32}$	$-2.807487x_2$	$+0.750191x_3$	$-1.518717x_8$	$+0.032850x_{29}$	$+0.997708x_{26}$	$-0.961803x_{18}$	+
x_{20}	6.08810797046	$+0.272473x_{32}$	$-6.408200x_2$	$+1.644767x_3$	$-3.853832x_8$	$-0.100076x_{29}$	$+0.596129x_{26}$	$-0.713267x_{18}$	-
x_9	3.10071301248	$+0.091800x_{32}$	$-1.025847x_2$	$+0.606952x_3$	$-1.147950x_8$	$-0.104278x_{29}$	$+0.049911x_{26}$	$-0.276292x_{18}$	-
z	11.0701553349	$+0.014642x_{32}$	$-4.346702x_2$	$-0.119557x_3$	$-0.950089x_8$	$-0.063789x_{29}$	$-0.231984x_{26}$	$-0.578049x_{18}$	-

x_{28} enters and x_7 leaves

x_{10}	1.17647058824	$-0.529412x_{32}$	$-1.031674x_2$	$-1.375566x_3$	$+0.959276x_8$	$-0.135747x_{29}$	$-0.108597x_{26}$	$+0.040724x_{18}$	+
x_{15}	5.29411764706	$+4.117647x_{32}$	$+4.895928x_2$	$+12.194570x_3$	$-7.990950x_8$	$+0.696833x_{29}$	$-0.642534x_{26}$	$-0.009050x_{18}$	-
x_{16}	7.41176470588	$-3.235294x_{32}$	$-5.291855x_2$	$-13.889140x_3$	$+6.481900x_8$	$+0.106335x_{29}$	$-0.214932x_{26}$	$+0.518100x_{18}$	+
x_{17}	9.58823529412	$+3.235294x_{32}$	$+4.753394x_2$	$+4.504525x_3$	$-0.174208x_8$	$+1.585973x_{29}$	$-0.631222x_{26}$	$+0.174208x_{18}$	-
x_{28}	3.94117647059	$+4.176471x_{32}$	$+8.805430x_2$	$+12.407240x_3$	$-1.678733x_8$	$+1.737557x_{29}$	$-0.809955x_{26}$	$-0.321267x_{18}$	-
x_{19}	18.2352941176	$-2.705882x_{32}$	$-7.452489x_2$	$+1.063348x_3$	$+2.561086x_8$	$-1.796380x_{29}$	$+0.162896x_{26}$	$-0.561086x_{18}$	-
x_1	1.47058823529	$+0.588235x_{32}$	$+1.479638x_2$	$+0.972851x_3$	$+0.045249x_8$	$+0.484163x_{29}$	$-0.212670x_{26}$	$-0.045249x_{18}$	+
x_{21}	14.1764705882	$-2.529412x_{32}$	$-0.416290x_2$	$-8.221719x_3$	$+3.036199x_8$	$-0.212670x_{29}$	$+0.429864x_{26}$	$-0.036199x_{18}$	+
x_{22}	0.941176470588	$-7.823529x_{32}$	$-13.540724x_2$	$-18.554299x_3$	$+9.590498x_8$	$-3.531674x_{29}$	$+1.074661x_{26}$	$+1.409502x_{18}$	+
x_{23}	21.9411764706	$+5.176471x_{32}$	$+7.266968x_2$	$+13.022624x_3$	$-2.371041x_8$	$+1.429864x_{29}$	$-0.656109x_{26}$	$-0.628959x_{18}$	-
x_{24}	15.5882352941	$-4.764706x_{32}$	$-2.092760x_2$	$-12.957014x_3$	$+6.595023x_8$	$-1.183258x_{29}$	$-0.246606x_{26}$	$+1.404977x_{18}$	+
x_{25}	19.4705882353	$-2.411765x_{32}$	$-5.904977x_2$	$-5.873303x_3$	$+4.122172x_8$	$-1.592760x_{29}$	$-0.674208x_{26}$	$+0.877828x_{18}$	-
x_6	0.294117647059	$-0.882353x_{32}$	$-0.911765x_2$	$-2.382353x_3$	$+0.970588x_8$	$-0.264706x_{29}$	$+0.088235x_{26}$	$+0.029412x_{18}$	-
x_{27}	14.5294117647	$+2.411765x_{32}$	$+4.212670x_2$	$+1.950226x_3$	$-4.583710x_8$	$+1.054299x_{29}$	$-0.556561x_{26}$	$+0.583710x_{18}$	-
x_{13}	1.17647058824	$-0.529412x_{32}$	$-1.223982x_2$	$-0.798643x_3$	$+0.997738x_8$	$-0.174208x_{29}$	$+0.160633x_{26}$	$+0.002262x_{18}$	-
x_5	2.47058823529	$-0.411765x_{32}$	$-0.174208x_2$	$-1.065611x_3$	$+0.776018x_8$	$-0.246606x_{29}$	$-0.097285x_{26}$	$+0.223982x_{18}$	-
x_{30}	28.1764705882	$-3.529412x_{32}$	$-5.916290x_2$	$-6.721719x_3$	$+2.536199x_8$	$-1.712670x_{29}$	$-0.070136x_{26}$	$+0.463801x_{18}$	-
x_{31}	19.4117647059	$+4.764706x_{32}$	$+8.285068x_2$	$+16.380090x_3$	$-3.633484x_8$	$+2.221719x_{29}$	$-0.022624x_{26}$	$-1.366516x_{18}$	-
x_{20}	10.8823529412	$+5.352941x_{32}$	$+4.303167x_2$	$+16.737557x_3$	$-5.895928x_8$	$+2.013575x_{29}$	$-0.389140x_{26}$	$-1.104072x_{18}$	-
x_9	4.23529411765	$+1.294118x_{32}$	$+1.509050x_2$	$+4.178733x_3$	$-1.631222x_8$	$+0.395928x_{29}$	$-0.183258x_{26}$	$-0.368778x_{18}$	-
z	12.0	$+1.000000x_{32}$	$-2.269231x_2$	$+2.807692x_3$	$-1.346154x_8$	$+0.346154x_{29}$	$-0.423077x_{26}$	$-0.653846x_{18}$	-

x_3 enters and x_{22} leaves

x_{10}	1.10669430557	$+0.050604x_{32} - 0.027801x_2 + 0.074137x_{22} + 0.248262x_8 + 0.126082x_{29} - 0.188270x_{26} - 0.063773x_{18} -$
x_{15}	5.91269357395	$-1.024265x_{32} - 4.003536x_2 - 0.657237x_{22} - 1.687721x_8 - 1.624314x_{29} + 0.063773x_{26} + 0.917327x_{18} -$
x_{16}	6.70723082551	$+2.621144x_{32} + 4.844287x_2 + 0.748567x_{22} - 0.697232x_8 + 2.750030x_{29} - 1.019388x_{26} - 0.537008x_{18} -$
x_{17}	9.81672966711	$+1.335935x_{32} + 1.466041x_2 - 0.242775x_{22} + 2.154128x_8 + 0.728570x_{29} - 0.370321x_{26} + 0.516400x_{18} -$
x_{28}	4.57054017803	$-1.055115x_{32} - 0.249238x_2 - 0.668699x_{22} + 4.734423x_8 - 0.624070x_{29} - 0.091330x_{26} + 0.621266x_{18} -$
x_{19}	18.2892330204	$-3.154249x_{32} - 8.228509x_2 - 0.057310x_{22} + 3.110718x_8 - 1.998781x_{29} + 0.224485x_{26} - 0.480307x_{18} -$
x_1	1.5199365931	$+0.178027x_{32} + 0.769662x_2 - 0.052433x_{22} + 0.548104x_8 + 0.298988x_{29} - 0.156322x_{26} + 0.028655x_{18} -$
x_{21}	13.759419583	$+0.937325x_{32} + 5.583831x_2 + 0.443117x_{22} - 1.213511x_8 + 1.352274x_{29} - 0.046336x_{26} - 0.660773x_{18} -$
x_3	0.0507255212779	$-0.421656x_{32} - 0.729789x_2 - 0.053896x_{22} + 0.516888x_8 - 0.190343x_{29} + 0.057920x_{26} + 0.075966x_{18} -$
x_{23}	22.6017558834	$-0.314596x_{32} - 2.236800x_2 - 0.701866x_{22} + 4.360200x_8 - 1.048896x_{29} + 0.098159x_{26} + 0.360322x_{18} -$
x_{24}	14.9309840263	$+0.698695x_{32} + 7.363126x_2 + 0.698329x_{22} - 0.102305x_8 + 1.283014x_{29} - 0.997074x_{26} + 0.420680x_{18} -$
x_{25}	19.1726618705	$+0.064748x_{32} - 1.618705x_2 + 0.316547x_{22} + 1.086331x_8 - 0.474820x_{29} - 1.014388x_{26} + 0.431655x_{18} -$
x_6	0.17327155225	$+0.122180x_{32} + 0.826850x_2 + 0.128399x_{22} - 0.260822x_8 + 0.188757x_{29} - 0.049750x_{26} - 0.151567x_{18} -$
x_{27}	14.6283380076	$+1.589440x_{32} + 2.789416x_2 - 0.105109x_{22} - 3.575662x_8 + 0.683087x_{29} - 0.443604x_{26} + 0.731862x_{18} -$
x_{13}	1.13595902939	$-0.192659x_{32} - 0.641141x_2 + 0.043044x_{22} + 0.584929x_8 - 0.022192x_{29} + 0.114376x_{26} - 0.058408x_{18} -$
x_5	2.41653456896	$+0.037556x_{32} + 0.603463x_2 + 0.057432x_{22} + 0.225216x_8 - 0.043775x_{29} - 0.159005x_{26} + 0.143031x_{18} -$
x_{30}	27.8355078649	$-0.695159x_{32} - 1.010852x_2 + 0.362273x_{22} - 0.938178x_8 - 0.433240x_{29} - 0.459456x_{26} - 0.046824x_{18} -$
x_{31}	20.242653335	$-2.142056x_{32} - 3.668943x_2 - 0.882819x_{22} + 4.833191x_8 - 0.896110x_{29} + 0.926107x_{26} - 0.122180x_{18} +$
x_{20}	11.7313742227	$-1.704548x_{32} - 7.911718x_2 - 0.902085x_{22} + 2.755518x_8 - 1.172296x_{29} + 0.580295x_{26} + 0.167419x_{18} -$
x_9	4.44726252896	$-0.467870x_{32} - 1.540544x_2 - 0.225216x_{22} + 0.528716x_8 - 0.399463x_{29} + 0.058773x_{26} - 0.051335x_{18} -$
z	12.1424216559	$-0.183880x_{32} - 4.318254x_2 - 0.151323x_{22} + 0.105109x_8 - 0.188270x_{29} - 0.260456x_{26} - 0.440556x_{18} -$

x_7 enters and x_6 leaves

x_{10}	1.02158614691	$-0.009409x_{32} - 0.433937x_2 + 0.011070x_{22} + 0.376374x_8 + 0.033368x_{29} - 0.163833x_{26} + 0.010674x_{18} - 0$
x_{15}	6.57404918162	$-0.557919x_{32} - 0.847553x_2 - 0.167154x_{22} - 2.683245x_8 - 0.903851x_{29} - 0.126117x_{26} + 0.338816x_{18} - 1$
x_{16}	4.45449513719	$+1.032656x_{32} - 5.905748x_2 - 0.920772x_{22} + 2.693761x_8 + 0.295960x_{29} - 0.372578x_{26} + 1.433542x_{18} - 6$
x_{17}	9.12042381592	$+0.844943x_{32} - 1.856725x_2 - 0.758757x_{22} + 3.202261x_8 - 0.029968x_{29} - 0.170396x_{26} + 1.125484x_{18} - 6$
x_{28}	5.52447220685	$-0.382462x_{32} + 4.302918x_2 + 0.038191x_{22} + 3.298490x_8 + 0.415118x_{29} - 0.365225x_{26} - 0.213173x_{18} + 4$
x_{19}	20.4262670989	$-1.647347x_{32} + 1.969400x_2 + 1.526291x_{22} - 0.106112x_8 + 0.329248x_{29} - 0.389104x_{26} - 2.349648x_{18} + 2$
x_1	1.34506207006	$+0.054717x_{32} - 0.064838x_2 - 0.182019x_{22} + 0.811339x_8 + 0.108484x_{29} - 0.106112x_{26} + 0.181624x_{18} - 0$
x_{21}	12.7377243615	$+0.216889x_{32} + 0.708310x_2 - 0.313988x_{22} + 0.324425x_8 + 0.239266x_{29} + 0.247015x_{26} + 0.232941x_{18} - 0$
x_3	0.288526923381	$-0.253973x_{32} + 0.404997x_2 + 0.122321x_{22} + 0.158931x_8 + 0.068712x_{29} - 0.010358x_{26} - 0.132047x_{18} + 1$
x_{23}	23.0970190559	$+0.034633x_{32} + 0.126591x_2 - 0.334862x_{22} + 3.614691x_8 - 0.509370x_{29} - 0.044042x_{26} - 0.072903x_{18} - 2$
x_{24}	13.2888432039	$-0.459239x_{32} - 0.473156x_2 - 0.518542x_{22} + 2.369574x_8 - 0.505891x_{29} - 0.525579x_{26} + 1.857120x_{18} + 5$
x_{25}	18.6229935953	$-0.322843x_{32} - 4.241717x_2 - 0.090773x_{22} + 1.913734x_8 - 1.073614x_{29} - 0.856567x_{26} + 0.912469x_{18} - 2$
x_7	0.112358662133	$+0.079228x_{32} + 0.536175x_2 + 0.083261x_{22} - 0.169131x_8 + 0.122401x_{29} - 0.032261x_{26} - 0.098284x_{18} - 0$
x_{27}	13.6919427532	$+0.929153x_{32} - 1.679054x_2 - 0.799004x_{22} - 2.166126x_8 - 0.336997x_{29} - 0.174745x_{26} + 1.550961x_{18} - 0$
x_{13}	1.2528662924	$-0.110224x_{32} - 0.083261x_2 + 0.129675x_{22} + 0.408951x_8 + 0.105163x_{29} + 0.080810x_{26} - 0.160671x_{18} + 0$
x_5	2.31438285759	$-0.034475x_{32} + 0.115996x_2 - 0.018265x_{22} + 0.378983x_8 - 0.155057x_{29} - 0.129675x_{26} + 0.232387x_{18} - 0$
x_{30}	27.9008460504	$-0.649087x_{32} - 0.699059x_2 + 0.410690x_{22} - 1.036530x_8 - 0.362062x_{29} - 0.478216x_{26} - 0.103977x_{18} - 3$
x_{31}	21.6227563849	$-1.168894x_{32} + 2.916897x_2 + 0.139875x_{22} + 2.755752x_8 + 0.607338x_{29} + 0.529849x_{26} - 1.329406x_{18} + 6$
x_{20}	13.2829129438	$-0.610501x_{32} - 0.507788x_2 + 0.247648x_{22} + 0.420021x_8 + 0.517909x_{29} + 0.134815x_{26} - 1.189768x_{18} - 1$
x_9	4.86621333122	$-0.172452x_{32} + 0.458686x_2 + 0.085238x_{22} - 0.101921x_8 + 0.056930x_{29} - 0.061517x_{26} - 0.417807x_{18} - 0$
z	12.3390527398	$-0.045228x_{32} - 3.379932x_2 - 0.005614x_{22} - 0.190875x_8 + 0.025935x_{29} - 0.316913x_{26} - 0.612556x_{18} - 1$

x_{29} enters and x_{15} leaves

x_{10}	1.26428134022	$-0.030006x_{32} - 0.465226x_2 + 0.004899x_{22} + 0.277316x_8 - 0.036917x_{15} - 0.168489x_{26} + 0.023183x_{18} - 0.000000x_{10}$
x_{29}	7.27337940688	$-0.617269x_{32} - 0.937713x_2 - 0.184936x_{22} - 2.968682x_8 - 1.106377x_{15} - 0.139533x_{26} + 0.374858x_{18} - 1.000000x_{29}$
x_{16}	6.60712098679	$+0.849969x_{32} - 6.183274x_2 - 0.975505x_{22} + 1.815152x_8 - 0.327443x_{15} - 0.413875x_{26} + 1.544484x_{18} - 6.000000x_{16}$
x_{17}	8.90245822763	$+0.863442x_{32} - 1.828624x_2 - 0.753215x_{22} + 3.291226x_8 + 0.033155x_{15} - 0.166215x_{26} + 1.114251x_{18} - 8.000000x_{17}$
x_{28}	8.54378444581	$-0.638702x_{32} + 3.913656x_2 - 0.038579x_{22} + 2.066136x_8 - 0.459277x_{15} - 0.423148x_{26} - 0.057563x_{18} + 8.000000x_{28}$
x_{19}	22.8210130347	$-1.850582x_{32} + 1.660660x_2 + 1.465401x_{22} - 1.083545x_8 - 0.364273x_{15} - 0.435045x_{26} - 2.226227x_{18} + 22.000000x_{19}$
x_1	2.13410900184	$-0.012247x_{32} - 0.166565x_2 - 0.202082x_{22} + 0.489284x_8 - 0.120024x_{15} - 0.121249x_{26} + 0.222290x_{18} - 2.000000x_1$
x_{21}	14.4779984253	$+0.069198x_{32} + 0.483947x_2 - 0.358236x_{22} - 0.385881x_8 - 0.264719x_{15} + 0.213630x_{26} + 0.322631x_{18} - 14.000000x_{21}$
x_3	0.788294987315	$-0.296387x_{32} + 0.340565x_2 + 0.109614x_{22} - 0.045053x_8 - 0.076021x_{15} - 0.019946x_{26} - 0.106290x_{18} + 0.788295x_3$
x_{23}	19.3921791619	$+0.349051x_{32} + 0.604234x_2 - 0.240661x_{22} + 5.126848x_8 + 0.563555x_{15} + 0.027032x_{26} - 0.263844x_{18} - 19.000000x_{23}$
x_{24}	9.60930802205	$-0.146969x_{32} + 0.001225x_2 - 0.424985x_{22} + 3.871402x_8 + 0.559706x_{15} - 0.454991x_{26} + 1.667483x_{18} + 9.609308x_{24}$
x_{25}	10.8141894847	$+0.339865x_{32} - 3.234975x_2 + 0.107777x_{22} + 5.100954x_8 + 1.187823x_{15} - 0.706762x_{26} + 0.510017x_{18} - 10.814189x_{25}$
x_7	1.00262444231	$+0.003674x_{32} + 0.421398x_2 + 0.060625x_{22} - 0.532499x_8 - 0.135421x_{15} - 0.049340x_{26} - 0.052401x_{18} - 1.002624x_7$
x_{27}	11.2408363223	$+1.137171x_{32} - 1.363048x_2 - 0.736681x_{22} - 1.165690x_8 + 0.372846x_{15} - 0.127723x_{26} + 1.424635x_{18} - 11.240836x_{27}$
x_{13}	2.01775872627	$-0.175138x_{32} - 0.181874x_2 + 0.110227x_{22} + 0.096754x_8 - 0.116350x_{15} + 0.066136x_{26} - 0.121249x_{18} - 2.017759x_{13}$
x_5	1.18659784796	$+0.061237x_{32} + 0.261394x_2 + 0.010410x_{22} + 0.839297x_8 + 0.171551x_{15} - 0.108040x_{26} + 0.174263x_{18} - 1.186598x_5$
x_{30}	25.267430671	$-0.425597x_{32} - 0.359549x_2 + 0.477648x_{22} + 0.038317x_8 + 0.400577x_{15} - 0.427697x_{26} - 0.239699x_{18} - 25.267431x_{30}$
x_{31}	26.0401539673	$-1.543784x_{32} + 2.347389x_2 + 0.027557x_{22} + 0.952760x_8 - 0.671945x_{15} + 0.445105x_{26} - 1.101741x_{18} + 26.040154x_{31}$
x_{20}	17.0498644038	$-0.930190x_{32} - 0.993439x_2 + 0.151868x_{22} - 1.117488x_8 - 0.573003x_{15} + 0.062549x_{26} - 0.995626x_{18} - 17.049864x_{20}$
x_9	5.28029043828	$-0.207593x_{32} + 0.405301x_2 + 0.074709x_{22} - 0.270930x_8 - 0.062987x_{15} - 0.069460x_{26} - 0.396466x_{18} - 5.280290x_9$
z	12.5276878663	$-0.061237x_{32} - 3.404252x_2 - 0.010410x_{22} - 0.267868x_8 - 0.028694x_{15} - 0.320532x_{26} - 0.602834x_{18} - 12.527688z$

x_{-1} enters and Final Dictionary Solution: 12.5276878663 Num Pivots: 17