```
7.0
       -3.000000x_1 + 3.000000x_2 + 1.000000x_3 + 2.000000x_4 - 1.000000x_5 + 3.000000x_6
                                                              -2.000000x_8
x_{14}
                                       11.0
       -2.000000x_1
x_{15}
       -1.000000x_1 + 3.000000x_2 - 2.000000x_3 - 2.000000x_4 - 1.000000x_5
   7.0
                                                      -2.000000x_7 - 1.000000x_8 - 2.00
x_{16}
x_{17}
   6.0
       7.0
                       x_{18}
   8.0
       -1.000000x_1
                       +1.000000x_3 +2.000000x_4 +3.000000x_5
                                                      -2.000000x_7 - 1.000000x_8 + 3.00
x_{19}
   5.0
       x_{20}
                                       2.0
       -1.000000x_1 + 2.000000x_2 - 1.000000x_3
x_{21}
   8.0
       +3.000000x_1 +2.000000x_2
                               x_{22}
   14.0
               +2.000000x_2 -1.000000x_3 +1.000000x_4 +1.000000x_5 +3.000000x_6
                                                              -3.000000x_8 - 2.00
x_{23}
   2.0
       x_{24}
   10.0
                                              -2.000000x_6 + 3.000000x_7 + 3.0000000x_8
       -1.000000x_1 + 2.000000x_2 - 2.000000x_3 - 1.000000x_4
x_{25}
       -2.000000x_1 + 3.000000x_2 - 1.000000x_3 + 1.000000x_4 + 2.000000x_5
                                                      +3.000000x_7 +3.000000x_8 +2.00
   14.0
x_{26}
   13.0
       -2.000000x_1 + 3.000000x_2 + 3.000000x_3 + 2.000000x_4 - 1.000000x_5 + 3.000000x_6
                                                              -1.000000x_8 - 2.00
x_{27}
   13.0
       +2.000000x_1 -2.000000x_2 -2.000000x_3 -2.000000x_4 +1.000000x_5 +2.000000x_6
                                                              +2.000000x_8 + 1.00
x_{28}
                               1.0
       +1.000000x_1 - 2.000000x_2
x_{29}
       +3.000000x_1 +3.000000x_2 +1.000000x_3 +2.000000x_4 -3.000000x_5 -3.000000x_6 -3.000000x_7
   8.0
x_{30}
   7.0
       x_{31}
   6.0
               x_{32}
               5.0
x_{33}
   0.0
       +2.000000x_1 -1.000000x_2 -2.000000x_3 +1.000000x_4
                                                       -1.000000x_7 + 2.000000x_8 - 1.00
z
```

No initialization required -; Proceed to Optimize.

```
-3.000000x_1 + 3.000000x_2 + 1.000000x_3 + 2.000000x_4 - 1.000000x_5 + 3.000000x_6
                                                             -2.000000x_8
   7.0
x_{14}
   11.0
      -2.000000x_1
                                      x_{15}
x_{16}
   7.0
       -1.000000x_1 + 3.000000x_2 - 2.000000x_3 - 2.000000x_4 - 1.000000x_5
                                                     -2.000000x_7 - 1.000000x_8 - 2.00
       6.0
x_{17}
   7.0
                      x_{18}
                      +1.000000x_3 +2.000000x_4 +3.000000x_5
                                                     -2.000000x_7 - 1.000000x_8 + 3.00
   8.0
       -1.000000x_1
x_{19}
   5.0
       +2.0000000x_1 - 2.000000x_2 + 1.000000x_3 - 2.0000000x_4 - 3.000000x_5 + 3.000000x_6 + 3.000000x_7
x_{20}
   2.0
       -1.000000x_1 + 2.000000x_2 - 1.000000x_3
                                      x_{21}
   8.0
                              +3.000000x_1 + 2.000000x_2
x_{22}
   14.0
              +2.000000x_2 -1.000000x_3 +1.0000000x_4 +1.0000000x_5 +3.0000000x_6
                                                             -3.000000x_8 - 2.00
x_{23}
   2.0
       x_{24}
x_{25}
   10.0
       -1.000000x_1 + 2.000000x_2 - 2.000000x_3 - 1.000000x_4
                                              -2.000000x_6 + 3.000000x_7 + 3.0000000x_8
                                                     +3.000000x_7 +3.000000x_8 +2.00
   14.0
       -2.000000x_1 + 3.000000x_2 - 1.000000x_3 + 1.000000x_4 + 2.000000x_5
x_{26}
x_{27}
   13.0
       -2.000000x_1 + 3.000000x_2 + 3.000000x_3 + 2.000000x_4 - 1.000000x_5 + 3.000000x_6
                                                             -1.000000x_8 - 2.00
   13.0
       +2.000000x_1 - 2.000000x_2 - 2.000000x_3 - 2.000000x_4 + 1.000000x_5 + 2.000000x_6
                                                             +2.000000x_8 + 1.00
x_{28}
                              1.0
       +1.000000x_1 -2.000000x_2
x_{29}
       8.0
x_{30}
       7.0
x_{31}
   6.0
              x_{32}
              5.0
x_{33}
```

 $-1.000000x_7 + 2.000000x_8 - 1.00$

 x_1 enters and x_{21} leaves

0.0

 $+2.000000x_1 -1.000000x_2 -2.000000x_3 +1.000000x_4$

```
x_{14}
   1.0
   7.0
       +2.000000x_{21} -4.000000x_2 +2.000000x_3
                                        +3.000000x_5 -1.000000x_6 -3.000000x_7 -7.000000x_8
x_{15}
   5.0
       x_{16}
x_{17}
   10.0
       -2.000000x_{21} + 6.000000x_2 + 1.000000x_3 + 3.000000x_4 - 6.000000x_5 + 1.000000x_6 + 8.000000x_7 + 4.000000x_8
   7.0
                        -1.000000x_3 -3.000000x_4 +3.000000x_5 -2.000000x_6 +1.000000x_7 +2.000000x_8
x_{18}
   6.0
       x_{19}
   9.0
       x_{20}
   2.0
       -1.000000x_{21} + 2.000000x_2 - 1.000000x_3
                                        -2.000000x_5 + 2.000000x_6 + 3.000000x_7 + 3.000000x_8 +
x_1
       14.0
x_{22}
   14.0
                +2.000000x_2 -1.000000x_3 +1.000000x_4 +1.000000x_5 +3.000000x_6
x_{23}
                                                                  -3.000000x_8
   6.0
       x_{24}
   8.0
       +1.000000x_{21}
                        -1.000000x_3 -1.000000x_4 +2.000000x_5 -4.000000x_6
x_{25}
   10.0
       x_{26}
   9.0
       +2.000000x_{21} - 1.000000x_2 + 5.000000x_3 + 2.000000x_4 + 3.000000x_5 - 1.000000x_6 - 6.000000x_7 - 7.000000x_8
x_{27}
   17.0
       -2.000000x_{21} + 2.000000x_2 - 4.000000x_3 - 2.000000x_4 - 3.000000x_5 + 6.000000x_6 + 6.000000x_7 + 8.000000x_8
x_{28}
   3.0
       -1.000000x_{21}
                        -1.000000x_3 - 1.000000x_4 - 4.000000x_5 + 4.000000x_6 + 5.000000x_7 + 5.000000x_8 +
x_{29}
   14.0
       -3.000000x_{21} + 9.000000x_2 - 2.000000x_3 + 2.000000x_4 - 9.000000x_5 + 3.000000x_6 + 6.000000x_7 + 9.000000x_8
x_{30}
   3.0
       x_{31}
x_{32}
   6.0
                +3.000000x_2 +3.000000x_3 +2.000000x_4 -3.000000x_5 +1.000000x_6 -2.000000x_7 +1.000000x_8
   5.0
                x_{33}
   4.0
       -2.000000x_{21} + 3.000000x_2 - 4.000000x_3 + 1.000000x_4 - 4.000000x_5 + 4.000000x_6 + 5.000000x_7 + 8.000000x_8
z
```

 x_2 enters and x_{14} leaves

```
x_2
   0.3333333333333
              5.66666666667
x_{15}
x_{16}
   5.33333333333
              +2.000000x_{21} - 0.333333x_{14} + 0.333333x_{3} - 1.333333x_{4} + 2.666667x_{5} - 3.000000x_{6} - 8.000000x_{7}
       12.0
              x_{17}
       7.0
                                 x_{18}
              -1.000000x_{21} + 0.666667x_{14} - 0.666667x_3 + 0.666667x_4 + 1.666667x_5
                                                                   +1.000000x_7
   5.33333333333
x_{19}
   9.6666666667
                       -0.666667x_{14} + 1.666667x_3 - 0.666667x_4 - 3.666667x_5 + 5.000000x_6 + 3.000000x_7
x_{20}
x_1
    2.66666666667
               +1.000000x_{21} - 0.666667x_{14} + 1.666667x_3 + 1.333333x_4 + 1.333333x_5
                                                                   -3.000000x_7
    16.6666666667
              +5.000000x_{21} - 2.666667x_{14} + 7.666667x_3 + 6.333333x_4 + 9.333333x_5
                                                                  -14.000000x_7 - 2
x_{22}
              x_{23}
    14.66666666667
    8.33333333333
              x_{24}
                                 -1.000000x_3 -1.000000x_4 + 2.000000x_5 - 4.000000x_6
       8.0
               +1.000000x_{21}
x_{25}
              +1.000000x_{21} + 0.333333x_{14} - 0.333333x_3 + 0.333333x_4 + 4.333333x_5 - 3.000000x_6
   9.66666666667
x_{26}
                                                                   -3.000000x_7
x_{27}
   8.66666666667
              +1.000000x_{21} +0.333333x_{14} +3.666667x_3 +1.333333x_4 +1.333333x_5
    17.666666667
                       -0.666667x_{14} -1.333333x_3 -0.666667x_4 + 0.333333x_5 + 4.000000x_6
x_{28}
       3.0
               -1.000000x_{21}
                                 -1.000000x_3 -1.000000x_4 -4.000000x_5 +4.000000x_6 +5.000000x_7 +3.0000000x_7
x_{29}
       17.0
              x_{30}
               x_{31}
       1.0
       7.0
              x_{32}
       6.0
               +3.000000x_{21} - 1.000000x_{14} + 2.000000x_3 - 1.000000x_4 + 7.000000x_5
                                                                   -7.000000x_7 -1
x_{33}
       5.0
              +1.000000x_{21} -1.000000x_{14}
```

 x_4 enters and x_{31} leaves

```
1.0
     -1.666667x_{21} + 1.000000x_{14} - 4.666667x_3 - 0.666667x_{31} - 0.333333x_5 + 1.000000x_6 + 7.000000x_7 + 5.0000
x_2
  3.0
     +8.666667x_{21} -4.000000x_{14} +20.666667x_3 +2.666667x_{31} +4.333333x_5 -5.000000x_6 -31.000000x_7 -27.0000000x_7
x_{15}
  4.0
     +7.3333333x_{21} -3.000000x_{14} +12.3333333x_3 +1.333333x_{31} +6.666667x_5 -7.000000x_6 -28.000000x_7 -25.000000x_7
x_{16}
  19.0
     x_{17}
     4.0
x_{18}
     6.0
x_{19}
     +2.666667x_{21} -2.000000x_{14} +7.666667x_3 +0.666667x_3 -1.666667x_5 +3.000000x_6 -7.000000x_7 -10.00000x_7
  9.0
x_{20}
x_1
  4.0
     23.0
     x_{22}
  17.0
     x_{23}
     10.0
x_{24}
     +5.000000x_{21} -2.000000x_{14} +8.000000x_3 +1.000000x_{31} +5.000000x_5 -7.000000x_6 -15.000000x_7 -13.000000x_7
  7.0
x_{25}
  10.0
     x_{26}
  10.0
     x_{27}
  17.0
     +2.666667x_{21} -2.000000x_{14} +4.666667x_3 +0.666667x_{31} +2.333333x_5 +2.000000x_6 -10.000000x_7 -8.0000
x_{28}
  2.0
     +3.000000x_{21} -2.000000x_{14} +8.000000x_3 +1.000000x_{31} -1.000000x_5 +1.000000x_6 -10.000000x_7 -8.0000
x_{29}
     25.0
x_{30}
  1.0
     x_4
     x_{32}
  11.0
x_{33}
  5.0
     +7.000000x_{21} -3.000000x_{14} +11.000000x_3 +1.000000x_{31} +10.000000x_5 -3.000000x_6 -22.000000x_7 -25.0000000x_7
     z
```

 x_6 enters and x_{18} leaves

```
x_2
              1.36363636364
                                                     1.18181818182
                                                    +3.212121x_{21} - 1.272727x_{14} + 8.848485x_3 + 1.303030x_{31} - 1.121212x_5 + 0.454545x_{18} - 11.000000x_7
x_{15}
                                                     -0.303030x_{21} + 0.818182x_{14} - 4.212121x_3 - 0.575758x_{31} - 0.969697x_5 + 0.636364x_{18} - 0.000000x_7
x_{16}
             1.45454545455
                                                    24.8181818182
x_{17}
            0.363636363636
                                                    x_6
                                                    6.72727272727
x_{19}
             10.0909090909
                                                    +5.939394x_{21} - 3.636364x_{14} + 14.757576x_3 + 1.484848x_{31} + 1.606061x_5 - 0.272727x_{18} - 19.000000x_{71} + 1.606061x_{18} + 1.60606
x_{20}
                                                    +0.030303x_{21} - 0.181818x_{14} - 0.878788x_3 - 0.242424x_{31} + 1.696970x_5 - 0.363636x_{18} + 1.000000x_7
 x_1
             5.45454545455
              29.9090909091
                                                    +0.393939x_{21} - 0.363636x_{14} - 4.424242x_3 - 1.151515x_{31} + 11.060606x_5 - 1.727273x_{18} + 5.000000x_7
x_{22}
              19.9090909091
                                                    +1.393939x_{21} - 0.363636x_{14} - 0.424242x_3 - 0.151515x_{31} + 6.060606x_5 - 0.727273x_{18} - 3.000000x_7
x_{23}
             9.63636363636
                                                    x_{24}
                                                     x_{25}
              4.45454545455
             9.27272727273
                                                     x_{26}
              11.4545454545
                                                    +0.030303x_{21} +0.818182x_{14} +1.121212x_3 -0.242424x_{31} +1.696970x_5 -0.363636x_{18} +1.000000x_7
x_{27}
              17.7272727273
                                                    +4.848485x_{21} - 3.090909x_{14} + 9.393939x_3 + 1.212121x_{31} + 4.515152x_5 - 0.181818x_{18} - 18.000000x_7 + 1.212121x_{31} + 1.21212x_{32} + 1.21212x_{33} + 1.21212x_{34} + 1.21212x_{34} + 1.21212x_{34} + 1.21212x_{35} + 1.212x_{35} + 1.212x_{35}
x_{28}
              2.36363636364
                                                    +4.090909x_{21} - 2.545455x_{14} + 10.363636x_3 + 1.272727x_{31} + 0.090909x_5 - 0.090909x_{18} - 14.000000x_7
x_{29}
                                                    31.5454545455
x_{30}
x_4
              2.09090909091
                                                     -0.727273x_{21} + 0.363636x_{14} - 1.909091x_3 - 0.181818x_{31} + 0.272727x_5 - 0.272727x_{18} + 3.000000x_7
                                                    14.6363636364
x_{32}
             3.90909090909
                                                    x_{33}
                                                     -0.090909x_{21} - 0.454545x_{14} - 3.363636x_3 - 0.272727x_{31} + 2.909091x_5 - 0.909091x_{18} + 1.000000x_7
             11.6363636364
```

 x_5 enters and x_{15} leaves

```
2.16216216216
                                                                                                                                         +1.594595x_{21} -0.405405x_{14} +3.675676x_3 +0.486486x_{31} -0.675676x_{15} +0.216216x_{18} -4.432432
 x_2
                                                                                                                                         +2.864865x_{21} -1.135135x_{14} +7.891892x_3 +1.162162x_{31} -0.891892x_{15} +0.405405x_{18} -9.810813
 x_5
                                    1.05405405405
                                                                                                                                          0.432432432432
x_{16}
                                   25.2972972973
                                                                                                                                         -5.243243x_{21} + 2.756757x_{14} - 12.594595x_3 - 2.108108x_{31} - 0.405405x_{15} - 1.270270x_{18} + 26.54054
x_{17}
                                   1.51351351351
                                                                                                                                         +4.216216x_{21} -1.783784x_{14} +10.972973x_3 +1.540541x_{31} -0.972973x_{15} +0.351351x_{18} -14.70270
  x_6
                                   8.67567567568
                                                                                                                                         x_{19}
                                                                                                                                      +10.540541x_{21} -5.459459x_{14} +27.432432x_3 +3.351351x_{31} -1.432432x_{15} +0.378378x_{18} -34.75675
                                    11.7837837838
 x_{20}
 x_1
                                     7.24324324324
                                                                                                                                        +4.891892x_{21} -2.108108x_{14} +12.513514x_3 +1.729730x_{31} -1.513514x_{15} +0.324324x_{18} -15.64864
                                                                                                                                      +32.081081x_{21} - 12.918919x_{14} + 82.864865x_3 + 11.702703x_{31} - 9.864865x_{15} + 2.756757x_{18} - 103.51351x_{21} - 103.51351x_{22} - 103.51351x_{23} - 103.51351x_{23
                                     41.5675675676
x_{22}
                                     26.2972972973
                                                                                                                                      +18.756757x_{21} -7.243243x_{14} +47.405405x_3 +6.891892x_{31} -5.405405x_{15} +1.729730x_{18} -62.45945
x_{23}
                                                                                                                                         -1.108108x_{21} + 0.891892x_{14} - 6.486486x_3 - 1.270270x_{31} - 0.513514x_{15} + 0.324324x_{18} + 6.3513514x_{15} + 0.324324x_{18} + 6.3513514x_{15} + 0.324324x_{18} + 0.324424x_{18} + 0.32444x_{18} + 0.3244x_{18} + 0.3244x_{18} + 0.3244x_{18} + 0.3244x_{18
                                     10.2432432432
x_{24}
                                                                                                                                       1.67567567568
x_{25}
                                                                                                                                        +0.783784x_{21} +0.783784x_{14} +1.027027x_3 +0.459459x_{31} -1.027027x_{15} +0.648649x_{18} +1.702705x_{15} +0.648649x_{18} +0.783784x_{14} +0.783784x_{14} +0.783784x_{15} +0.459459x_{21} +0.027027x_{15} +0.648649x_{18} +0.783784x_{15} +0.459459x_{21} +0.459459x_{21} +0.459459x_{21} +0.459459x_{22} +0.459459x_{23} +0.459450x_{23} +0.459450x_{23} +0.459450x_{23} +0.459450x_{23} +0.459450x_{23} +0.459450x_{23} +0.45940x_{23} +0.4500x_{23} +0.4500x
x_{26}
                                    10.4864864865
                                     13.2432432432
                                                                                                                                        +4.891892x_{21} -1.108108x_{14} +14.513514x_3 +1.729730x_{31} -1.513514x_{15} +0.324324x_{18} -15.64864
x_{27}
                                                                                                                                      +17.783784x_{21} -8.216216x_{14} +45.027027x_3 +6.459459x_{31} -4.027027x_{15} +1.648649x_{18} -62.29729
                                    22.4864864865
x_{28}
                                    2.45945945946
                                                                                                                                         +4.351351x_{21} -2.648649x_{14} +11.081081x_3 +1.378378x_{31} -0.081081x_{15} -0.054054x_{18} -14.89189
x_{29}
                                                                                                                                         -1.675676x_{21} + 1.324324x_{14} - 6.540541x_3 - 1.189189x_{31} - 1.459459x_{15} - 0.972973x_{18} + 10.94594x_{15} - 0.972973x_{18} + 0.94594x_{15} - 0.972973x_{18} + 0.94504x_{15} - 0.972074x_{15} - 0.97207
x_{30}
                                     33.2702702703
                                     2.37837837838
                                                                                                                                         +0.054054x_{21} +0.054054x_{14} +0.243243x_{3} +0.135135x_{31} -0.243243x_{15} -0.162162x_{18} +0.324324x_{15} +0.0162162x_{18} +0.0162162x_
 x_4
                                                                                                                                        +0.513514x_{21} +0.513514x_{14} +1.810811x_3 -0.216216x_{31} -0.810811x_{15} -0.540541x_{18} +0.081081x_{18} +0.081081x_{18}
x_{32}
                                    15.5945945946
                                                                 11.0
                                                                                                                                       +23.000000x_{21} -9.000000x_{14} +57.000000x_3 +8.000000x_{31} -6.000000x_{15} +3.000000x_{18} -76.00000
x_{33}
                                                                                                                                         +8.243243x_{21} -3.756757x_{14} +19.594595x_3 +3.108108x_{31} -2.594595x_{15} +0.270270x_{18} -27.54054
                                    14.7027027027
      z
```

 x_3 enters and x_{16} leaves

```
2.29612756264
                                                                                                                                                                                                                                                                    +0.640091x_{21} +0.189066x_{14} -0.309795x_{16} -0.041002x_{31} -0.407745x_{15} +0.291572x_{18} -1.485194x_{15} +0.0407745x_{15} +0.040774x_{15} +0.0
     x_2
                                                                                                                                                                                                                                                                    +0.815490x_{21} +0.141230x_{14} -0.665148x_{16} +0.029613x_{31} -0.316629x_{15} +0.567198x_{18} -3.482916x_{16} +0.029613x_{21} +0.0316629x_{15} +0.031664x_{15} +0.03166x_{15} +0.03166x_{15}
                                                                            1.3416856492
     x_5
                                                                                                                                                                                                                                                                      -0.259681x_{21} + 0.161731x_{14} - 0.084282x_{16} - 0.143508x_{31} + 0.072893x_{15} + 0.020501x_{18} + 0.801822x_{16} + 0.020501x_{18} + 0.0
   x_3
                                                          0.0364464692483
                                                                       24.8382687927
                                                                                                                                                                                                                                                                      -1.972665x_{21} + 0.719818x_{14} + 1.061503x_{16} - 0.300683x_{31} - 1.323462x_{15} - 1.528474x_{18} + 16.441913x_{18} + 16.441913x_{18}
   x_{17}
                                                                       1.91343963554
                                                                                                                                                                                                                                                                    +1.366743x_{21} -0.009112x_{14} -0.924829x_{16} -0.034169x_{31} -0.173121x_{15} +0.576310x_{18} -5.904328x_{16} -0.009112x_{16} -0.009112x_{18} -0.009112x_{
     x_6
                                                                                                                                                                                                                                                                    +0.526196x_{21} \ +0.856492x_{14} -1.066059x_{16} +0.211845x_{31} -0.726651x_{15} +0.826879x_{18} \ -4.993166x_{15} +0.066059x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.066050x_{16} +0.06600x_{16} +0.06000x_{16} +0.06000x_{16} +0.06000x_{16} +0.0600x_{16} +0.06000x_{16} +0.00000x_{16} +0.00000x_{16} +0.00000x_{16} +0.00000x_{16} +0.0000
 x_{19}
                                                                       9.13667425968
                                                                       12.7835990888
                                                                                                                                                                                                                                                                    x_{20}
                                                                                                                                                                                                                                                                      +1.642369x_{21} -0.084282x_{14} -1.054670x_{16} -0.066059x_{31} -0.601367x_{15} +0.580866x_{18} -5.615034x
   x_1
                                                                            7.6993166287
                                                                       44.5876993166
                                                                                                                                                                                                                                                                 +10.562642x_{21} + 0.482916x_{14} - 6.984055x_{16} - 0.189066x_{31} - 3.824601x_{15} + 4.455581x_{18} - 37.070615x_{16} + 4.455581x_{18} + 4.45587x_{18} + 4.45587x_{18} + 4.4557x_{18} + 4.4557x_{18} + 4.4557x_{18} + 4.4557x_{18} + 4.4557x_{18} + 4.4557x_{18} + 4.457x_{18} + 4.457x
 x_{22}
x_{23}
                                                                       28.0250569476
                                                                                                                                                                                                                                                                    +6.446469x_{21} +0.423690x_{14} -3.995444x_{16} +0.088838x_{31} -1.949886x_{15} +2.701595x_{18} -24.448747x_{18} +0.088838x_{15} +0.088838x_{18} +0.088848x_{18} +0.088848x_{18} +0.088848x_{18} +0.08888x_{18} +0.088848x_{18} +0.08888x_{18} +0.088848x_{18} +0.08888x_{18} +0.088848x_{18} +0.08888x_{18} +0.088848x_{18} +0.08888x_{18} +0.0888x_{18} +0.088
                                                                            10.006833713
                                                                                                                                                                                                                                                                    x_{24}
                                                                                                                                                                                                                                                                      0.605922551253
x_{25}
                                                                                                                                                                                                                                                                    10.5239179954
 x_{26}
x_{27}
                                                                       13.7722095672
                                                                                                                                                                                                                                                                    +1.123007x_{21} +1.239180x_{14} -1.223235x_{16} -0.353075x_{31} -0.455581x_{15} +0.621868x_{18} -4.011390x_{18} -0.011390x_{18} -0.0100x_{18} -0.000x_{18} -0.000
                                                                       24.1275626424
                                                                                                                                                                                                                                                                    x_{28}
                                                                       2.86332574032
                                                                                                                                                                                                                                                                    +1.473804x_{21} -0.856492x_{14} -0.933941x_{16} -0.211845x_{31} +0.726651x_{15} +0.173121x_{18} -6.006834x_{21} -0.006834x_{21} -0.006834x_{22} -0.006834x_{23} -0.006834x_{23} -0.006834x_{23} -0.006834x_{24} -0.006834x_{25} -0.00684x_{25} -0.0064x_{25} -0.0068
 x_{29}
                                                                                                                                                                                                                                                                    33.0318906606
   x_{30}
   x_4
                                                                       2.38724373576
                                                                                                                                                                                                                                                                      15.6605922551
 x_{32}
                                                                       13.0774487472
                                                                                                                                                                                                                                                                      +8.198178x_{21} \ +0.218679x_{14} \ -4.804100x_{16} \ -0.179954x_{31} \ -1.845103x_{15} \ +4.168565x_{18} \ -30.296128x_{18} 
 x_{33}
                                                                                                                                                                                                                                                                      +3.154897x_{21} \\ -0.587699x_{14} \\ -1.651481x_{16} \\ +0.296128x_{31} \\ -1.166287x_{15} \\ +0.671982x_{18} \\ -11.829157x_{15} \\ +0.671982x_{18} \\ -11.829157x_{15} \\ +0.671982x_{18} \\ +0.67182x_{18} \\
                                                                          15.416856492
```

 x_{13} enters and x_3 leaves

```
2.34146341463
  x_2
                                       1.24390243902
                                                                                                                                                      +1.512195x_{21} -0.292683x_{14} -0.439024x_{16} +0.414634x_{31} -0.512195x_{15} +0.512195x_{18} -5.634146x_{7}
  x_5
                                                                                                                                                      -0.926829x_{21} + 0.577236x_{14} - 0.300813x_{16} - 0.512195x_{31} + 0.260163x_{15} + 0.073171x_{18} + 2.861789x_{7} + 0.073171x_{18} + 0.07317x_{18} + 0.07317x_
                                   0.130081300813
 x_{13}
                                      25.5609756098
                                                                                                                                                      x_{17}
                                                                                                                                                      +1.560976x_{21} -0.130081x_{14} -0.861789x_{16} +0.073171x_{31} -0.227642x_{15} +0.560976x_{18} -6.504065x_{7}
                                      1.88617886179
   x_6
                                                                                                                                                      8.83739837398
 x_{19}
                                       13.1056910569
                                                                                                                                                     +1.121951x_{21} +0.406504x_{14} -3.056911x_{16} -1.853659x_{31} +1.211382x_{15} +1.121951x_{18} -5.674797x_{7} +1.121951x_{18} +1.121951x_{1
  x_{20}
                                        7.70731707317
                                                                                                                                                      +1.585366x_{21} -0.048780x_{14} -1.073171x_{16} -0.097561x_{31} -0.585366x_{15} +0.585366x_{18} -5.439024x_{7} -0.048780x_{14} -0.04870x_{14} -0.0487
  x_1
                                                                                                                                                    +14.170732x_{21} - 1.764228x_{14} - 5.813008x_{16} + 1.804878x_{31} - 4.837398x_{15} + 4.170732x_{18} - 48.211382x_{7} + 4.170732x_{18} - 4.837398x_{15} + 4.170732x_{18} + 4.17072x_{18} + 4.17072x_{18} + 4.17
                                          44.081300813
 x_{22}
                                                                                                                                                      28.1219512195
x_{23}
                                                                                                                                                      10.5772357724
 x_{24}
                                   0.536585365854
                                                                                                                                                       -2.073171x_{21} -0.243902x_{14} +2.634146x_{16} +0.512195x_{31} +0.073171x_{15} -1.073171x_{18} +13.804878x_{7} +0.073171x_{15} +1.073171x_{18} +10.073171x_{18} +10.07317x_{18} +10.07317
 x_{25}
                                                                                                                                                       x_{26}
                                       10.6341463415
                                       13.7073170732
                                                                                                                                                      +1.585366x_{21} +0.951220x_{14} -1.073171x_{16} -0.097561x_{31} -0.585366x_{15} +0.585366x_{18} -5.439024x_{7}
 x_{27}
                                                                                                                                                     +6.536585x_{21} -1.211382x_{14} -3.650407x_{16} +0.243902x_{31} -0.869919x_{15} +2.536585x_{18} -27.569106x_{7}
                                       24.0650406504
 x_{28}
                                       3.16260162602
                                                                                                                                                       x_{29}
x_{30}
                                        33.3089430894
                                                                                                                                                       -1.951220x_{21} + 1.495935x_{14} - 0.089431x_{16} - 1.341463x_{31} - 1.382114x_{15} - 0.951220x_{18} + 11.796748x_{7} + 11.
                                       2.40650406504
                                                                                                                                                      x_4
                                                                                                                                                      15.7317073171
 x_{32}
                                       12.9512195122
                                                                                                                                                      +9.097561x_{21} -0.341463x_{14} -4.512195x_{16} +0.317073x_{31} -2.097561x_{15} +4.097561x_{18} -33.073171x_{7} +2.097561x_{18} +3.097561x_{18} +3.097561x_{
x_{33}
                                       15.6097560976
                                                                                                                                                      +1.780488x_{21} +0.268293x_{14} -2.097561x_{16} -0.463415x_{31} -0.780488x_{15} +0.780488x_{18} -7.585366x_{7}
       z
```

 x_{12} enters and x_{25} leaves

```
2.79069767442
                                                                                                                                                                                                                                                                                                                                       -1.418605x_{21} + 0.186047x_{14} + 1.790698x_{16} + 0.209302x_{31} - 0.255814x_{15} - 0.581395x_{18} + 11.069767x_{18} + 0.0006767x_{18} + 0.000677x_{18} + 0.00067x_{18} 
    x_2
                                                                                                                                                                                                                                                                                                                                  +2.813953x_{21} -0.139535x_{14} -2.093023x_{16} +0.093023x_{31} -0.558140x_{15} +1.186047x_{18} -14.302326x_{18} +0.093023x_{16} +0.093023x_{21} +0.093023x_{22} +0.093023x_{23} +0.003023x_{23} +0.00302x_{23} +0.00302x_{23} +0.00302x_{23} +0.00302x_{23} +0.00302x_{23} 
                                                                            0.906976744186
      x_5
                                                                                                                                                                                                                                                                                                                                    -3.658915x_{21} + 0.255814x_{14} + 3.170543x_{16} + 0.162791x_{31} + 0.356589x_{15} - 1.341085x_{18} + 21.054264x_{18} + 21.054264x_{18}
x_{13}
                                                                            0.837209302326
                                                                                     28.9302325581
                                                                                                                                                                                                                                                                                                                                -20.139535x_{21} + 2.395349x_{14} + 15.930233x_{16} + 0.069767x_{31} + 0.581395x_{15} - 7.860465x_{18} + 119.023256x_{18} + 0.069767x_{18} +
  x_{17}
                                                                                        1.90697674419
                                                                                                                                                                                                                                                                                                                                    x_6
                                                                                                                                                                                                                                                                                                                                    x_{19}
                                                                                     8.20930232558
                                                                                     14.7674418605
                                                                                                                                                                                                                                                                                                                                       x_{20}
                                                                                                                                                                                                                                                                                                                                    x_1
                                                                                     7.90697674419
                                                                                     43.1162790698
                                                                                                                                                                                                                                                                                                                              +17.899225x_{21} - 1.325581x_{14} - 10.550388x_{16} + 0.883721x_{31} - 4.968992x_{15} + 6.100775x_{18} - 73.038760x_{18} + 6.100775x_{18} + 6.100775x_{18} - 73.038760x_{18} + 6.100775x_{18} - 73.038760x_{18} + 6.100775x_{18} - 73.038760x_{18} + 6.100775x_{18} - 73.038760x_{18} + 6.100775x_{18} + 6.1007
x_{22}
x_{23}
                                                                                     28.7209302326
                                                                                                                                                                                                                                                                                                                                  +3.441860x_{21} +0.581395x_{14} -1.279070x_{16} +0.279070x_{31} -1.674419x_{15} +1.558140x_{18} -6.906977x_{16} +0.279070x_{16} +0.279070x_{21} -1.674419x_{22} +0.581395x_{23} +0.581395x_{24} +0.279070x_{24} +0.279070x_{
                                                                                     13.9069767442
                                                                                                                                                                                                                                                                                                                                -16.352713x_{21} + 0.860465x_{14} + 15.573643x_{16} + 0.593023x_{31} + 0.608527x_{15} - 6.147287x_{18} + 99.364341x_{18} + 99.36441x_{18} + 99.36441x_{
x_{24}
                                                                                                                                                                                                                                                                                                                                    -0.988372x_{21} -0.116279x_{14} +1.255814x_{16} +0.244186x_{31} +0.034884x_{15} -0.511628x_{18} +6.581395x_{18} +0.034884x_{15} +0.034884x_{18} +0.03484x_{18} +0.03484x_{
                                                                              0.255813953488
x_{12}
                                                                                                                                                                                                                                                                                                                                    10.8837209302
x_{26}
                                                                                                                                                                                                                                                                                                                                    -1.162791x_{21} + 0.627907x_{14} + 2.418605x_{16} + 0.581395x_{31} - 0.488372x_{15} - 0.837209x_{18} + 12.860465x_{16} + 0.581395x_{21} + 0.687207x_{15} + 0.837209x_{18} + 0.687207x_{16} + 0.
x_{27}
                                                                                     14.4186046512
                                                                                   23.1395348837
                                                                                                                                                                                                                                                                                                                                +10.112403x_{21} - 0.790698x_{14} - 8.193798x_{16} - 0.639535x_{31} - 0.996124x_{15} + 4.387597x_{18} - 51.379845x_{16} - 0.639535x_{21} - 0.996124x_{22} + 4.387597x_{21} - 0.996124x_{22} + 4.387597x_{22} + 0.996124x_{22} 
  x_{28}
                                                                                     5.32558139535
                                                                                                                                                                                                                                                                                                                                       -9.015504x_{21} -0.511628x_{14} +8.992248x_{16} +0.674419x_{31} +1.620155x_{15} -3.984496x_{18} +56.224806x_{18} +36.224806x_{18} +36.224806
x_{29}
                                                                                                                                                                                                                                                                                                                                    -9.922481x_{21} + 0.558140x_{14} + 10.038760x_{16} + 0.627907x_{31} - 1.100775x_{15} - 5.077519x_{18} + 64.875969x_{16} + 64.875960x_{16} + 64.87500x_{16} + 64.87500x_
                                                                                     35.3720930233
    x_{30}
    x_4
                                                                                        2.44186046512
                                                                                                                                                                                                                                                                                                                                       -0.282946x_{21} \ +0.162791x_{14} \ +0.108527x_{16} \ +0.058140x_{31} -0.182171x_{15} -0.217054x_{18} \ +1.852713x_{15} +0.0182171x_{15} -0.0182171x_{15} +0.0182171x_{15} +0.
                                                                                                                                                                                                                                                                                                                                       -4.465116x_{21} \ +0.651163x_{14} \ +4.767442x_{16} \ +0.232558x_{31} \ -0.395349x_{15} \ -2.534884x_{18} \ +29.744186x_{18} 
                                                                                        16.7674418605
  x_{32}
                                                                                        13.8372093023
                                                                                                                                                                                                                                                                                                                                    +5.674419x_{21} - 0.744186x_{14} - 0.162791x_{16} + 1.162791x_{31} - 1.976744x_{15} + 2.325581x_{18} - 10.279070x_{16} + 1.162791x_{21} - 1.076744x_{22} + 1.076744x_{23} + 1.076744x_{24} + 1.076744x_{25} + 1.07674x_{25} + 1.076744x_{25} + 1.07674x_{25} +
x_{33}
                                                                                                                                                                                                                                                                                                                                       +1.081395x_{21} + 0.186047x_{14} - 1.209302x_{16} - 0.290698x_{31} - 0.755814x_{15} + 0.418605x_{18} - 2.930233x_{16} - 0.290698x_{21} - 0.755814x_{15} + 0.418605x_{18} - 0.2930233x_{16} - 0.293023x_{16} - 0.29302x_{16} - 0.29302
                                                                                   15.7906976744
```

 x_{14} enters and x_{12} leaves

```
3.2
              x_2
       0.6
              x_5
       1.4
              x_{13}
      34.2
              x_{17}
              x_6
       1.6
       7.8
              x_{19}
              14.0
x_{20}
              +2.000000x_{21} +1.200000x_{12} -1.600000x_{16} -0.200000x_{31} -0.600000x_{15} +0.800000x_{18} -8.200000x_{7}
x_1
       7.6
              x_{22}
      40.2
      30.0
              x_{23}
              -23.666667x_{21} - 7.400000x_{12} + 24.866667x_{16} + 2.400000x_{31} + 0.866667x_{15} - 9.933333x_{18} + 148.066667x_{7} + 150.00000x_{18} + 148.066667x_{18} + 148.06667x_{18} + 148.06667x_{18} + 148.066667x_{18} + 148.066667x_{18} + 148.066667x_{18} + 148.06667x_{18} + 148.06667x_{18} + 148.066
      15.8
x_{24}
       2.2
              x_{14}
      13.8
              x_{26}
      15.8
              -6.500000x_{21} -5.400000x_{12} +9.200000x_{16} +1.900000x_{31} -0.300000x_{15} -3.600000x_{18} +48.400000x_7 +52.600000x_7
x_{27}
              +16.833333x_{21} +6.800000x_{12} -16.733333x_{16} -2.300000x_{31} -1.233333x_{15} +7.866667x_{18} -96.133333x_{7} -104.
      21.4
x_{28}
       4.2
              x_{29}
      36.6
              -14.666667x_{21} -4.800000x_{12} +16.066667x_{16} +1.800000x_{31} -0.9333333x_{15} -7.5333333x_{18} +96.466667x_7 +98.000000x_{18}
x_{30}
       2.8
              x_4
              x_{32}
      18.2
      12.2
              x_{33}
              -0.500000x_{21} -1.600000x_{12} +0.800000x_{16} +0.100000x_{31} -0.700000x_{15} -0.400000x_{18} +7.600000x_{7}
 z
```

 x_7 enters and x_5 leaves

```
3.78378378378
                                                                                                                                          +0.891892x_{21} - 0.432432x_{12} + 0.297297x_{16} + 0.405405x_{31} - 0.783784x_{15} + 0.351351x_{18} - 0.972973x_{5}
   x_2
                                                                                                                                         +0.180180x_{21} + 0.054054x_{12} - 0.162162x_{16} - 0.009009x_{31} - 0.027027x_{15} + 0.081081x_{18} - 0.045045x_{5}
                                 0.027027027027
   x_7
                                                                                                                                         +0.569069x_{21} - 0.279279x_{12} + 0.171171x_{16} + 0.379880x_{31} - 0.527027x_{15} + 0.414414x_{18} - 1.600601x_{5}
 x_{13}
                                    2.36036036036
                                    41.0810810811
                                                                                                                                          +5.373874x_{21} - 6.837838x_{12} + 0.513514x_{16} + 2.806306x_{31} - 5.581081x_{15} + 2.243243x_{18} - 11.468468x_{5} + 2.806306x_{18} - 11.468468x_{18} + 2.806306x_{18} - 11.468468x_{18} + 2.806306x_{18} - 11.468468x_{18} + 2.806306x_{18} + 
  x_{17}
                                      1.22522522523
                                                                                                                                          +0.168168x_{21} + 0.450450x_{12} - 0.018018x_{16} - 0.075075x_{31} + 0.108108x_{15} + 0.009009x_{18} + 0.624625x_{5}
  x_6
                                                                                                                                           6.76576576577
 x_{19}
                                     14.4684684685
                                                                                                                                          +0.789790x_{21} +3.936937x_{12} -1.477477x_{16} -1.156156x_{31} +0.864865x_{15} +0.738739x_{18} -0.780781x_{5} +0.738739x_{18} -0.780781x_{5} +0.780781x_{5} +0.780781x_{
 x_{20}
                                                                                                                                           +0.522523x_{21} + 0.756757x_{12} - 0.270270x_{16} - 0.126126x_{31} - 0.378378x_{15} + 0.135135x_{18} + 0.369369x_{5}
  x_1
                                      7.37837837838
                                     36.1981981982
                                                                                                                                         +2.487988x_{21} +3.396396x_{12} -0.855856x_{16} -0.566066x_{31} -1.364865x_{15} -0.072072x_{18} +6.669670x_{5}
 x_{22}
                                                                                                                                         +3.184685x_{21} - 3.594595x_{12} + 0.783784x_{16} + 1.265766x_{31} - 2.202703x_{15} + 1.108108x_{18} - 1.171171x_{5}
 x_{23}
                                     30.7027027027
                                      19.8018018018
                                                                                                                                         +3.012012x_{21} + 0.603604x_{12} + 0.855856x_{16} + 1.066066x_{31} - 3.135135x_{15} + 2.072072x_{18} - 6.669670x_{5}
x_{24}
                                                                                                                                          +1.698198x_{21} -5.540541x_{12} +1.621622x_{16} +1.590090x_{31} -1.229730x_{15} +0.189189x_{18} -2.549550x_{5} +0.189189x_{18} -2.549550x_{5} +0.189189x_{18} -2.549550x_{5} +0.189189x_{18} -2.549550x_{5} +0.189189x_{18} -2.549550x_{5} +0.189189x_{18} +0.189180x_{18} +
                                     3.72972972973
x_{14}
                                                                                                                                          +3.067568x_{21} - 6.729730x_{12} + 1.189189x_{16} + 2.121622x_{31} - 2.635135x_{15} + 1.405405x_{18} - 3.891892x_{5} + 1.189189x_{16} + 2.121622x_{31} - 2.635135x_{15} + 1.405405x_{18} - 3.891892x_{5} + 1.189189x_{16} + 2.121622x_{31} - 2.635135x_{15} + 1.405405x_{18} - 3.891892x_{5} + 1.189189x_{16} + 2.121622x_{31} - 2.635135x_{15} + 1.405405x_{18} - 3.891892x_{5} + 1.189189x_{16} + 2.121622x_{31} - 2.635135x_{15} + 1.405405x_{18} - 3.891892x_{5} + 1.189189x_{16} + 2.121622x_{31} - 2.635135x_{15} + 1.405405x_{18} - 3.891892x_{5} + 1.189189x_{16} + 2.121622x_{31} + 2.635135x_{15} + 1.405405x_{18} + 2.8050x_{18} + 2.121622x_{18} + 2.121622x_{18} + 2.121622x_{18} + 2.12162x_{18} + 2.1216x_{18} + 2.1216x_{
                                      16.1351351351
x_{26}
x_{27}
                                      17.1081081081
                                                                                                                                          +2.220721x_{21} - 2.783784x_{12} + 1.351351x_{16} + 1.463964x_{31} - 1.608108x_{15} + 0.324324x_{18} - 2.180180x_{5}
                                     18.8018018018
                                                                                                                                          -0.487988x_{21} + 1.603604x_{12} - 1.144144x_{16} - 1.433934x_{31} + 1.364865x_{15} + 0.072072x_{18} + 4.330330x_{5}
 x_{28}
                                      4.93693693694
                                                                                                                                         +0.246246x_{21} + 5.873874x_{12} - 0.954955x_{16} - 0.645646x_{31} + 0.729730x_{15} + 0.477477x_{18} - 1.228228x_{5}
x_{29}
                                                                                                                                         39.2072072072
  x_{30}
  x_4
                                        3.0990990991
                                                                                                                                           +0.327327x_{21} - 0.801802x_{12} + 0.072072x_{16} + 0.300300x_{31} - 0.432432x_{15} - 0.036036x_{18} - 0.498498x_{5}
                                                                                                                                           +2.000000x_{21} - 2.000000x_{12} + 1.000000x_{16} + 1.000000x_{31} - 2.000000x_{15} - 0.000000x_{18} - 3.000000x_{5}
 x_{32}
                                                                   20.0
                                      10.7837837838
                                                                                                                                          +2.558559x_{21} +3.567568x_{12} +0.297297x_{16} +0.072072x_{31} \\ -0.783784x_{15} +1.351351x_{18} +2.360360x_{5} +2.3600x_{5} +2.3
 x_{33}
                                                                                                                                          +0.869369x_{21} - 1.189189x_{12} - 0.432432x_{16} + 0.031532x_{31} - 0.905405x_{15} + 0.216216x_{18} - 0.342342x_{5} + 0.031532x_{15} + 0.031532x_{16} + 0.03152x_{16} + 0
                                     16.4054054054
```

 x_{18} enters and x_{19} leaves

```
10.2195121951
x_2
 1.51219512195
     x_7
     9.9512195122
x_{13}
 82.1707317073
     x_{17}
     1.39024390244
x_6
 18.3170731707
     x_{18}
     x_{20}
  28.0
 9.85365853659
     x_1
     x_{22}
 34.8780487805
     51.0
x_{23}
 57.756097561
     x_{24}
 7.19512195122
     x_{14}
     x_{26}
 41.8780487805
 23.0487804878
     x_{27}
     20.1219512195
x_{28}
 13.6829268293
     x_{29}
 44.487804878
     x_{30}
 2.43902439024
     x_4
     +2.000000x_{21} - 2.000000x_{12} + 1.000000x_{16} + 1.000000x_{31} - 2.000000x_{15} + 0.000000x_{19} - 3.000000x_{5}
x_{32}
  20.0
 35.5365853659
     x_{33}
 20.3658536585
     +0.735772x_{21} - 1.463415x_{12} - 0.000000x_{16} + 0.467480x_{31} - 1.158537x_{15} - 0.585366x_{19} + 0.666667x_5 +
z
```

 x_5 enters and x_4 leaves

```
12.6585365854
                                     +1.024390x_{21} -1.634146x_{12} +1.000000x_{16} +1.341463x_{31} -1.585366x_{15} -0.853659x_{19} -1.000000x_4
x_2
                                     +0.304878x_{21} -0.426829x_{12} -0.000000x_{16} +0.268293x_{31} -0.317073x_{15} -0.170732x_{19} -0.500000x_4
         2.73170731707
x_7
                                     +0.487805x_{21} -1.182927x_{12} +1.000000x_{16} +1.329268x_{31} -1.207317x_{15} -1.073171x_{19} -0.500000x_4
x_{13}
         11.1707317073
          78.512195122
                                     +3.463415x_{21} -8.548780x_{12} +5.000000x_{16} +6.987805x_{31} -7.621951x_{15} -6.219512x_{19} +1.500000x_4
x_{17}
         3.82926829268
                                     x_6
                                     +1.829268x_{21} -6.560976x_{12} +2.000000x_{16} +3.609756x_{31} -3.902439x_{15} -2.024390x_{19} -7.000000x_{4}
         35.3902439024
x_{18}
          37.756097561
                                     x_{20}
                                     +0.963415x_{21} -0.548780x_{12} -0.000000x_{16} +0.487805x_{31} -1.121951x_{15} -0.219512x_{19} -1.500000x_4
x_1
          13.512195122
         58.0487804878
                                     +5.853659x_{21} -3.695122x_{12} -1.000000x_{16} +1.451220x_{31} -4.987805x_{15} +1.121951x_{19} -9.500000x_{4}
x_{22}
                                     +4.597561x_{21} -9.536585x_{12} +3.000000x_{16} +4.865854x_{31} -5.841463x_{15} -2.414634x_{19} -6.000000x_{4}
x_{23}
         65.6341463415
         68.7317073171
                                     +3.304878x_{21} -5.426829x_{12} +5.000000x_{16} +6.268293x_{31} -7.317073x_{15} -5.170732x_{19} -4.500000x_{4}
x_{24}
                                     +0.707317x_{21} -3.890244x_{12} +2.000000x_{16} +1.402439x_{31} -0.475610x_{15} -0.756098x_{19} +2.500000x_4
x_{14}
         1.09756097561
                                     +3.597561x_{21} - 11.536585x_{12} + 4.000000x_{16} + 5.865854x_{31} - 5.841463x_{15} - 3.414634x_{19} - 4.000000x_{4} + 5.865854x_{31} - 5.841463x_{15} - 3.414634x_{19} - 4.0000000x_{4} + 5.865854x_{31} - 5.841463x_{15} - 3.414634x_{19} - 4.000000x_{4} + 5.865854x_{31} - 5.841463x_{15} - 3.414634x_{19} - 4.000000x_{4} + 5.865854x_{31} - 5.841463x_{4} + 5.865854x_{4} + 5.86586x_{4} + 5.8658
         51.6341463415
x_{26}
         20.6097560976
                                     +1.670732x_{21} -2.439024x_{12} +2.000000x_{16} +1.890244x_{31} -1.597561x_{15} -0.975610x_{19} +1.000000x_4
x_{27}
         37.1951219512
                                     +1.914634x_{21} -3.780488x_{12} -1.000000x_{16} +0.304878x_{31} -1.451220x_{15} +0.487805x_{19} -7.000000x_{4}
x_{28}
         17.3414634146
                                     +0.475610x_{21} +4.134146x_{12} -0.000000x_{16} +0.658537x_{31} -0.414634x_{15} -1.146341x_{19} -1.500000x_{4}
x_{29}
                                     33.512195122
x_{30}
x_5
         3.65853658537
                                     +0.524390x_{21} -1.134146x_{12} +0.000000x_{16} +0.341463x_{31} -0.585366x_{15} +0.146341x_{19} -1.500000x_{4}
                                     9.0243902439
x_{32}
          67.243902439
                                     x_{33}
                                     +1.085366x_{21} -2.219512x_{12} -0.000000x_{16} +0.695122x_{31} -1.548780x_{15} -0.487805x_{19} -1.000000x_{4}
         22.8048780488
```

 x_8 enters and x_{22} leaves

```
+1.619048x_{21} -2.009524x_{12} +0.898413x_{16} +1.488889x_{31} -2.092063x_{15} -0.739683x_{19} -1.965079x
                                                   18.555555556
  x_2
                                             0.88888888889
                                                                                                                                                                                             +0.119048x_{21} - 0.309524x_{12} + 0.031746x_{16} + 0.2222222x_{31} - 0.158730x_{15} - 0.206349x_{19} - 0.198413x_{21} + 0.031746x_{16} + 0.
  x_7
                                                                                                                                                                                             +1.714286x_{21} -1.957143x_{12} +0.790476x_{16} +1.633333x_{31} -2.252381x_{15} -0.838095x_{19} -2.490476x_{16}
                                                   23.3333333333
 x_{13}
x_{17}
                                                   111.22222222
                                                                                                                                                                                             +6.761905x_{21} - 10.630952x_{12} + 4.436508x_{16} + 7.805556x_{31} - 10.432540x_{15} - 5.587302x_{19} - 3.853175x_{19} - 5.587302x_{19} - 3.853175x_{19} - 3
                                                                                                                                                                                              +0.428571x_{21} -0.264286x_{12} +0.014286x_{16} +0.150000x_{31} -0.221429x_{15} +0.057143x_{19} -0.864286x_{19} +0.014286x_{19} +0.014286x_{
                                                                                                 3.0
    x_6
                                                   62.11111111111
                                                                                                                                                                                             +4.523810x_{21} -8.261905x_{12} +1.539683x_{16} +4.277778x_{31} -6.198413x_{15} -1.507937x_{19} -11.373016x_{15}
x_{18}
                                                                                                                                                                                             +1.666667x_{21} +0.016667x_{12} +0.011111x_{16} +1.227778x_{31} -1.505556x_{15} -1.622222x_{19} -3.894444x_{15} +1.666667x_{15} +1.66667x_{15} +1.6667x_{15} +1.66667x_{15} +1.6667x_{15} +1.667x_{15} +1.667x_{15} +1.667x_{15} +1.667
                                                   37.1111111111
  x_{20}
  x_1
                                                                                                                                                                                             +0.452381x_{21} -0.226190x_{12} +0.087302x_{16} +0.361111x_{31} -0.686508x_{15} -0.317460x_{19} -0.670635x_{10} +0.087302x_{16} +0.361111x_{21} +0.087302x_{16} +0.087302x_{
                                                   8.44444444444
                                                                                                                                                                                             +0.380952x_{21} -0.240476x_{12} -0.065079x_{16} +0.094444x_{31} -0.324603x_{15} +0.073016x_{19} -0.618254x_{21} -0.0618254x_{21} -0.0618254x_{22} -0.0618254x_{23} -0.0618254x_{24} -0.0618254x_{25} -0.0618254x
                                                   3.7777777778
    x_8
                                                                                                                                                                                             +5.452381x_{21} - 10.076190x_{12} + 2.853968x_{16} + 5.077778x_{31} - 6.569841x_{15} - 2.250794x_{19} - 7.387302x_{10} - 7.
                                                   74.1111111111
x_{23}
                                                                                                                                                                                             97.1111111111
  x_{24}
                                                    13.444444444
                                                                                                                                                                                             +1.952381x_{21} -4.676190x_{12} +1.787302x_{16} +1.711111x_{31} -1.536508x_{15} -0.517460x_{19} +0.479365x_{10}
 x_{14}
                                                                                                                                                                                              +7.880952x_{21} - 14.240476x_{12} + 3.268254x_{16} + 6.927778x_{31} - 9.491270x_{15} - 2.593651x_{19} - 10.951587x_{21} - 10.951587x_{22} - 10.951587x_{23} - 10.951587x_{24} - 10.951587x_{25} - 10.95167x_{25} - 10.95177x_{25} - 10.95177x_{25} - 10.95177x_{25} - 10.9517x_{25} - 10
x_{26}
                                                   94.1111111111
                                                    31.6666666667
                                                                                                                                                                                             +2.785714x_{21} -3.142857x_{12} +1.809524x_{16} +2.166667x_{31} -2.547619x_{15} -0.761905x_{19} -0.809524x_{16}
 x_{27}
                                                                                                                                                                                             +1.357143x_{21} -3.428571x_{12} -0.904762x_{16} +0.166667x_{31} -0.976190x_{15} +0.380952x_{19} -6.095238x_{19}
                                                    31.6666666667
 x_{28}
                                                    30.3333333333
                                                                                                                                                                                             x_{29}
                                                                                                                                                                                              +0.071429x_{21} \ +4.014286x_{12} \ +1.152381x_{16} +0.266667x_{31} \ -1.361905x_{15} \ -1.390476x_{19} \ +5.947619x_{10} +0.071429x_{10} +0.071428x_{10} +0
x_{30}
                                                   24.6666666667
                                                                                                 2.0
                                                                                                                                                                                                x_5
                                                                                                                                                                                                14.0
 x_{32}
                                                   71.6666666667
                                                                                                                                                                                              +6.714286x_{21} -8.257143x_{12} +2.923810x_{16} +5.866667x_{31} -7.819048x_{15} -2.304762x_{19} -13.723810x_{16}
 x_{33}
                                                   28.3333333333
                                                                                                                                                                                             +1.642857x_{21} -2.571429x_{12} -0.095238x_{16} +0.833333x_{31} -2.023810x_{15} -0.380952x_{19} -1.904762x_{19}
         z
```

 x_3 enters and x_{28} leaves

```
70.4696969697
                                                                                                                   +3.843939x_{21} -7.630303x_{12} -0.584848x_{16} +1.762121x_{31} -3.692424x_{15} -0.115152x_{19} -11.957576x_{10}
  x_2
                                                                                                                   +0.476326x_{21} -1.212121x_{12} -0.206439x_{16} +0.266098x_{31} -0.415720x_{15} -0.106061x_{19} -1.803030x_{15}
                           9.22537878788
  x_7
                                                                                                                   +3.955114x_{21} -7.618182x_{12} -0.703409x_{16} +1.908523x_{31} -3.864205x_{15} -0.209091x_{19} -12.554545x_{15}
x_{13}
                            75.6193181818
                                                                                                                410.046401515
x_{17}
                            4.67329545455
                                                                                                                   +0.500284x_{21} -0.445455x_{12} -0.033523x_{16} +0.158807x_{31} -0.273011x_{15} +0.077273x_{19} -1.186364x_{21}
 x_6
                                                                                                                   +9.949811x_{21} \\ -21.969697x_{12} \\ -2.077652x_{16} \\ +4.944129x_{31} \\ -10.101326x_{15} \\ +0.015152x_{19} \\ -35.742424x_{10} \\ -35.74244x_{10} \\ -35.74244x_{10} \\ -35.74244x_{10} \\ -35.7424x_{10} \\
x_{18}
                               188.71780303
                            75.3570075758
                                                                                                                   +3.305777x_{21} -4.124242x_{12} -1.081629x_{16} +1.429072x_{31} -2.684564x_{15} -1.162121x_{19} -11.256061x_{15}
 x_{20}
                                                                                                                   +0.908617x_{21} -1.378788x_{12} -0.216856x_{16} +0.417140x_{31} -1.014678x_{15} -0.189394x_{19} -2.719697x
 x_1
                            19.0899621212
                            5.39109848485
                                                                                                                   +0.450095x_{21} -0.415152x_{12} -0.111174x_{16} +0.102936x_{31} -0.374337x_{15} +0.092424x_{19} -0.928788x_{21}
  x_8
                           229.973484848
                                                                                                                +12.132197x_{21} - 26.951515x_{12} - 1.599242x_{16} + 5.898106x_{31} - 11.374621x_{15} - 0.375758x_{19} - 37.387879x_{19} - 37.3878770x_{19} - 37.387870x_{19} - 37.38780x_{19} - 37.38780x_{1
x_{23}
                            337.501893939
                                                                                                                +16.469129x_{21} - 33.260606x_{12} - 2.357197x_{16} + 8.242992x_{31} - 17.166098x_{15} - 1.730303x_{19} - 55.415152x_{10} + 2.000606x_{10} - 2.0006x_{10} - 2.000606x_{10} - 2.0006x_{10} - 2.
x_{24}
                                                                                                                   x_{14}
                            87.1893939394
                                                                                                                317.391098485
x_{26}
x_{27}
                            132.784090909
                                                                                                                   +7.119318x_{21} -14.090909x_{12} -1.079545x_{16} +2.698864x_{31} -5.664773x_{15} +0.454545x_{19} -20.272727x_{15}
                           7.55681818182
                                                                                                                   x_3
                                           50.71875
                                                                                                                   +2.659375x_{21} +1.100000x_{12} -0.806250x_{16} +1.090625x_{31} -2.159375x_{15} -0.650000x_{19} -7.550000x_{19}
x_{29}
                                                                                                                   +1.753977x_{21} -0.236364x_{12} +0.030682x_{16} +0.473295x_{31} -2.572159x_{15} -0.918182x_{19} -1.609091x
                           63.9261363636
 x_{30}
 x_5
                                                                                                                   +0.662500x_{21} -1.800000x_{12} -0.175000x_{16} +0.337500x_{31} -0.662500x_{15} +0.2000000x_{19} -2.600000x_{10}
                                                   9.125
                                                                                                                   +2.603409x_{21} \quad -3.145455x_{12} \quad -0.202273x_{16} \\ +0.305682x_{31} \quad -1.876136x_{15} \\ +0.127273x_{19} \quad -3.836364x_{15} \\ +0.127273x_{19} \quad -3.83636x_{15} \\ +0.127273x_{19} \quad -3.83636x_{15} \\ +0.127273x_{19} \quad -3.83636x_{15} \\ +0.127273x_{19} \quad -3.8364x_{15} \\ +0.127273x_{15} \quad -3.8364x_{15} \quad -3.8364x_{15} \quad -3.8364x_{15} \\ +0.127273x_{15} \quad -3.8364x_{15} \quad -3.8364x_{15} \quad -3.8364x_{15} \quad -3.8364x_{15} \quad -3.8364x_{15} \quad -3.836x_{15} \quad -3.836x_{15} \quad -3.836x
                            53.0795454545
x_{32}
                                              246.625
                                                                                                                 +14.212500x_{21} - 27.200000x_{12} - 2.075000x_{16} + 6.787500x_{31} - 13.212500x_{15} - 0.200000x_{19} - 47.400000x_{10} - 47.4000000x_{10} - 47.400000x_{10} - 47.400000x_{10} - 47.400000x_{10} - 47.400000x_{10} - 47.400000x_{10} - 47.400000x_{10} - 47.4000000x_{10} - 47.400000x_{10} - 47.4000000
x_{33}
                                                                                                                   +1.704545x_{21} -2.727273x_{12} -0.136364x_{16} +0.840909x_{31} -2.068182x_{15} -0.363636x_{19} -2.181818x
                           29.7727272727
```

 x_{21} enters and Unbounded Dictionary!