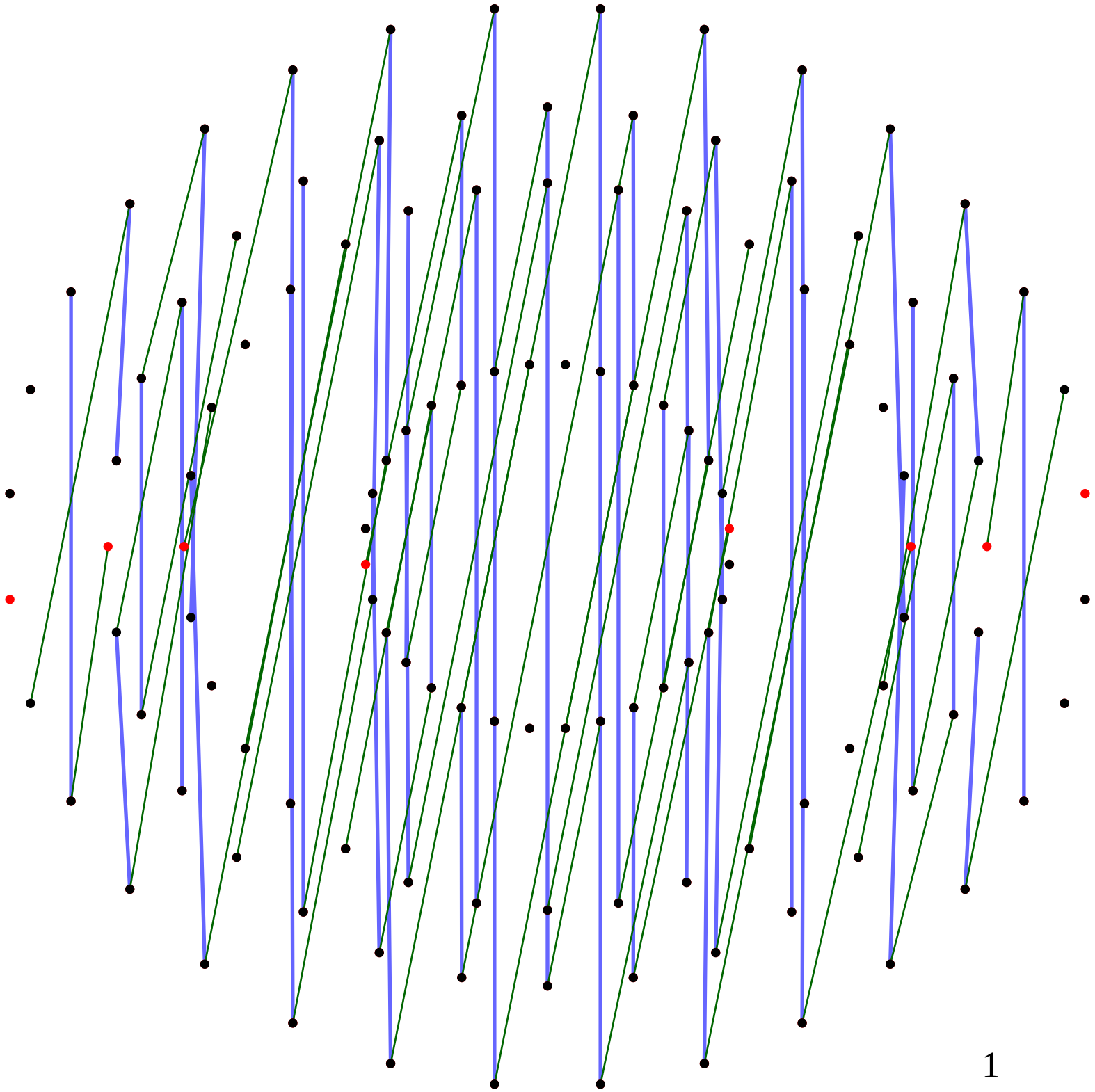
Negative root for generator 1.

Positive root for 212

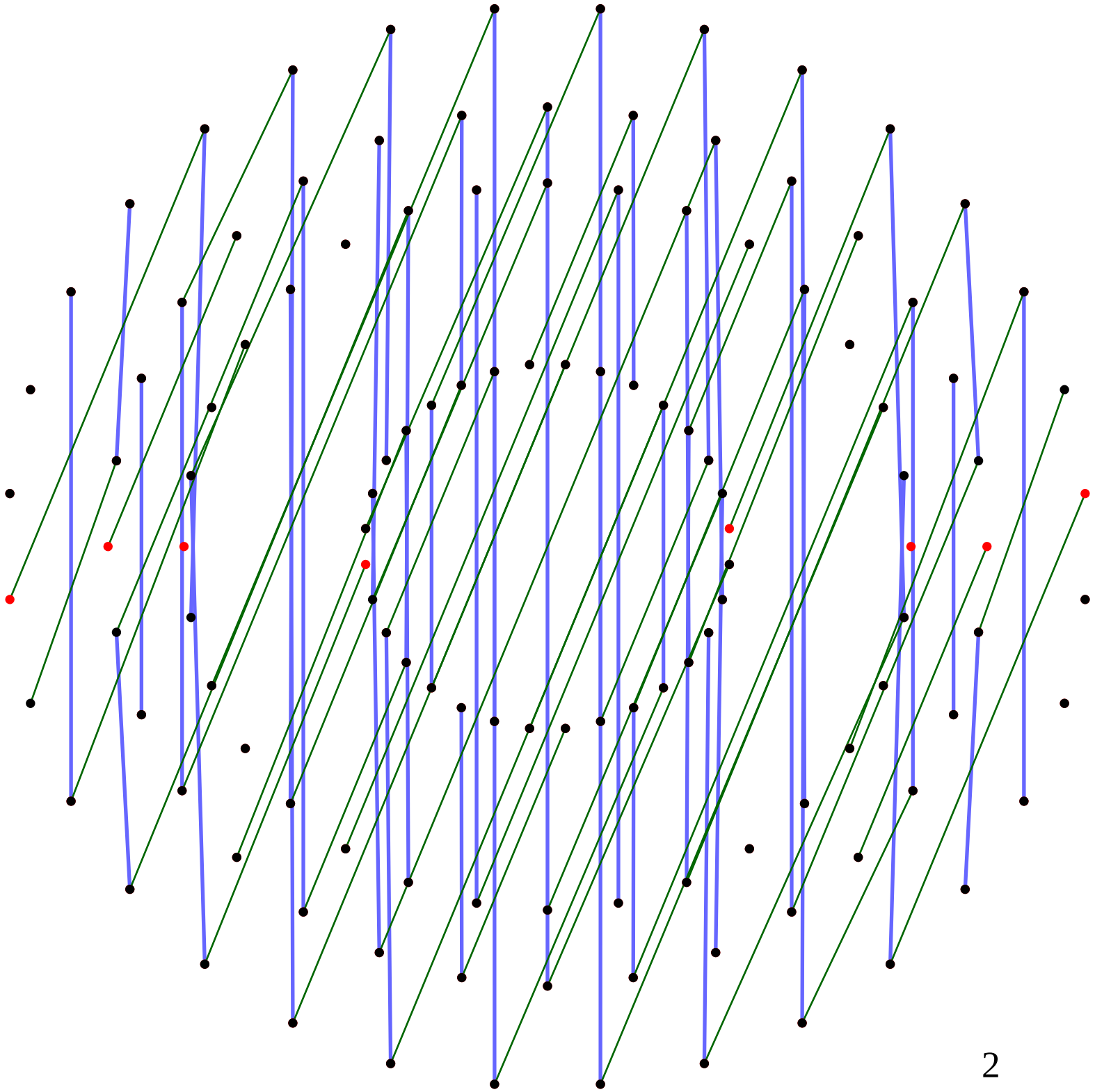
Incompatible [Degree 1]



Negative root for generator 1.

Positive root for 21432121324

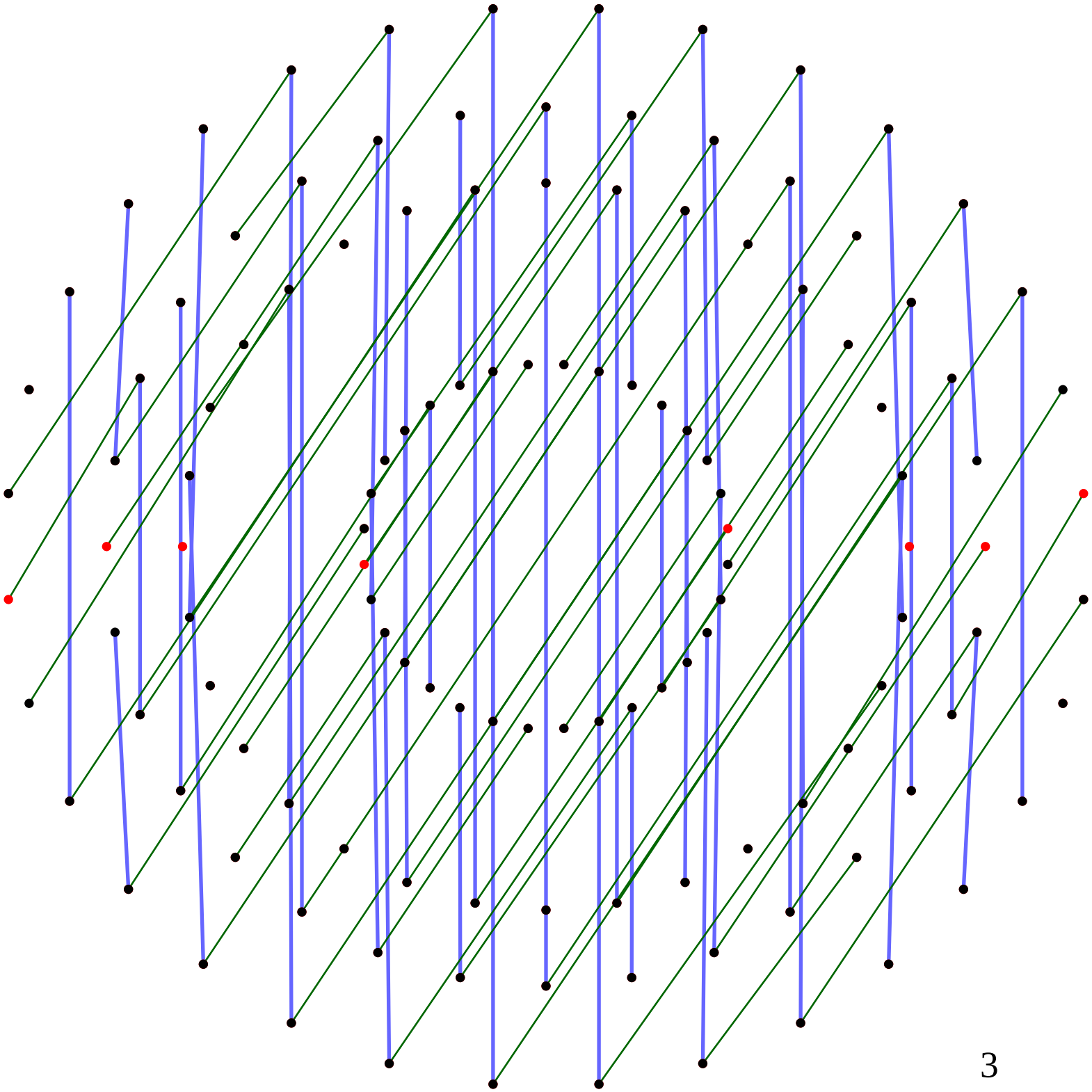
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 213212343212132

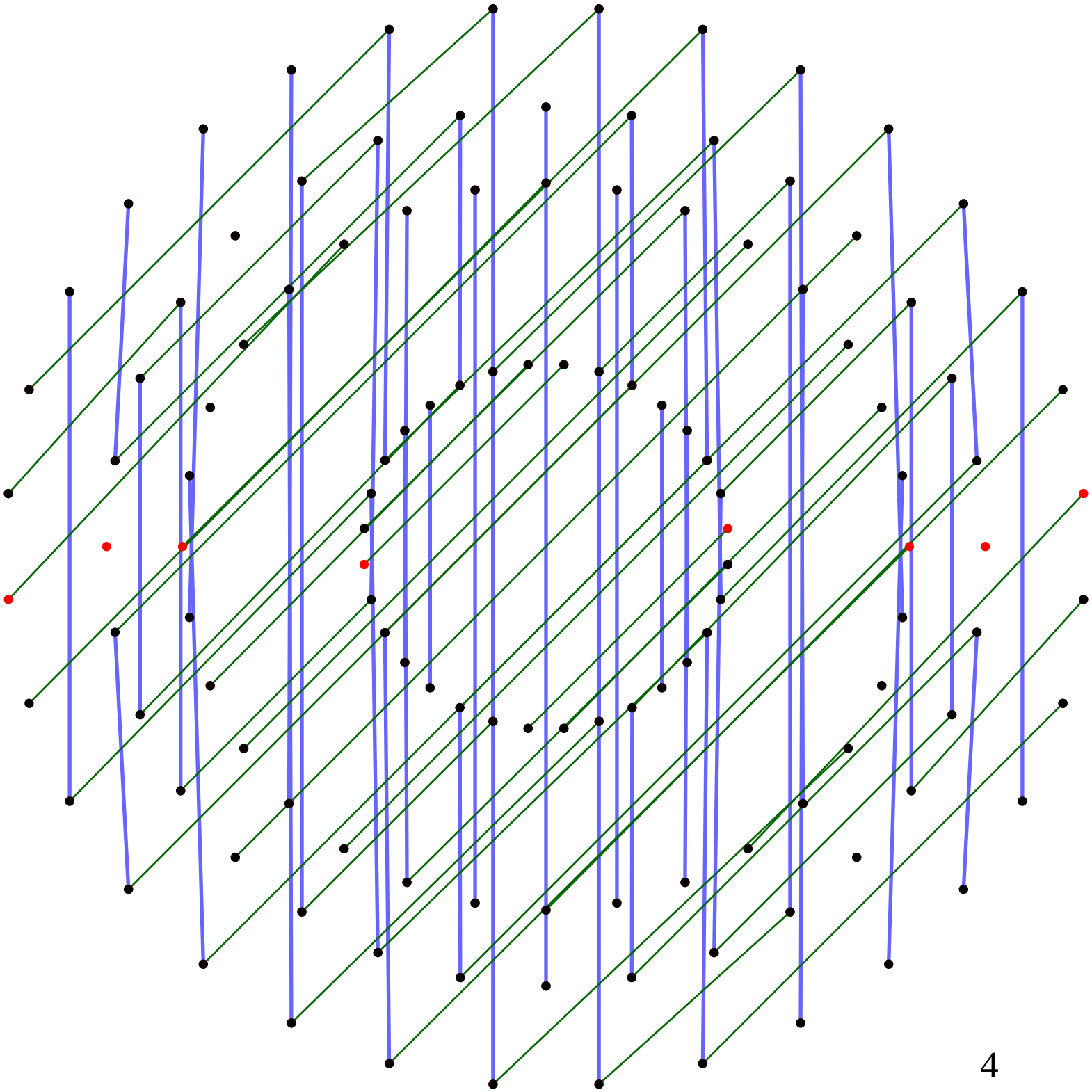
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 212132143212132143212

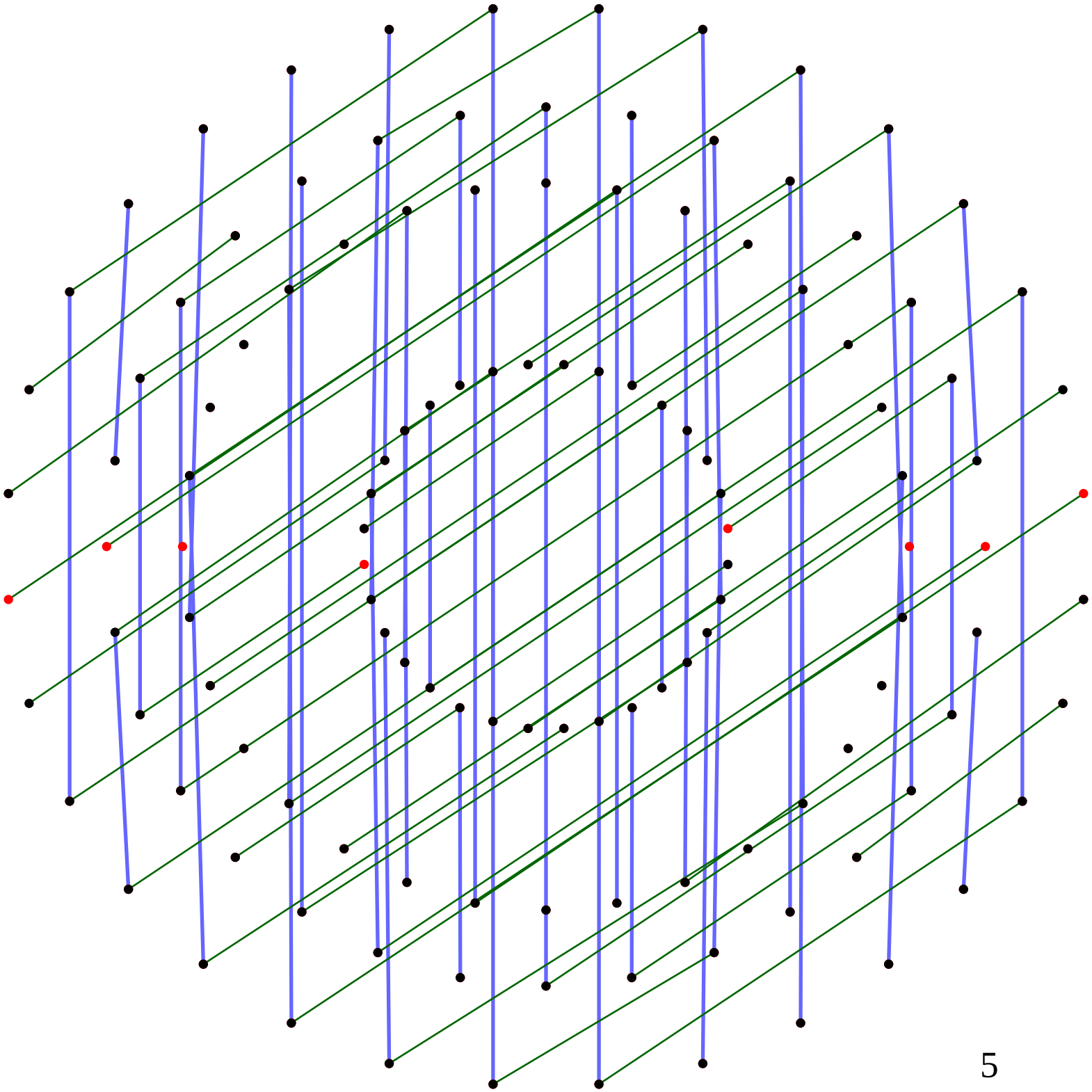
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 2343212132123432132123432

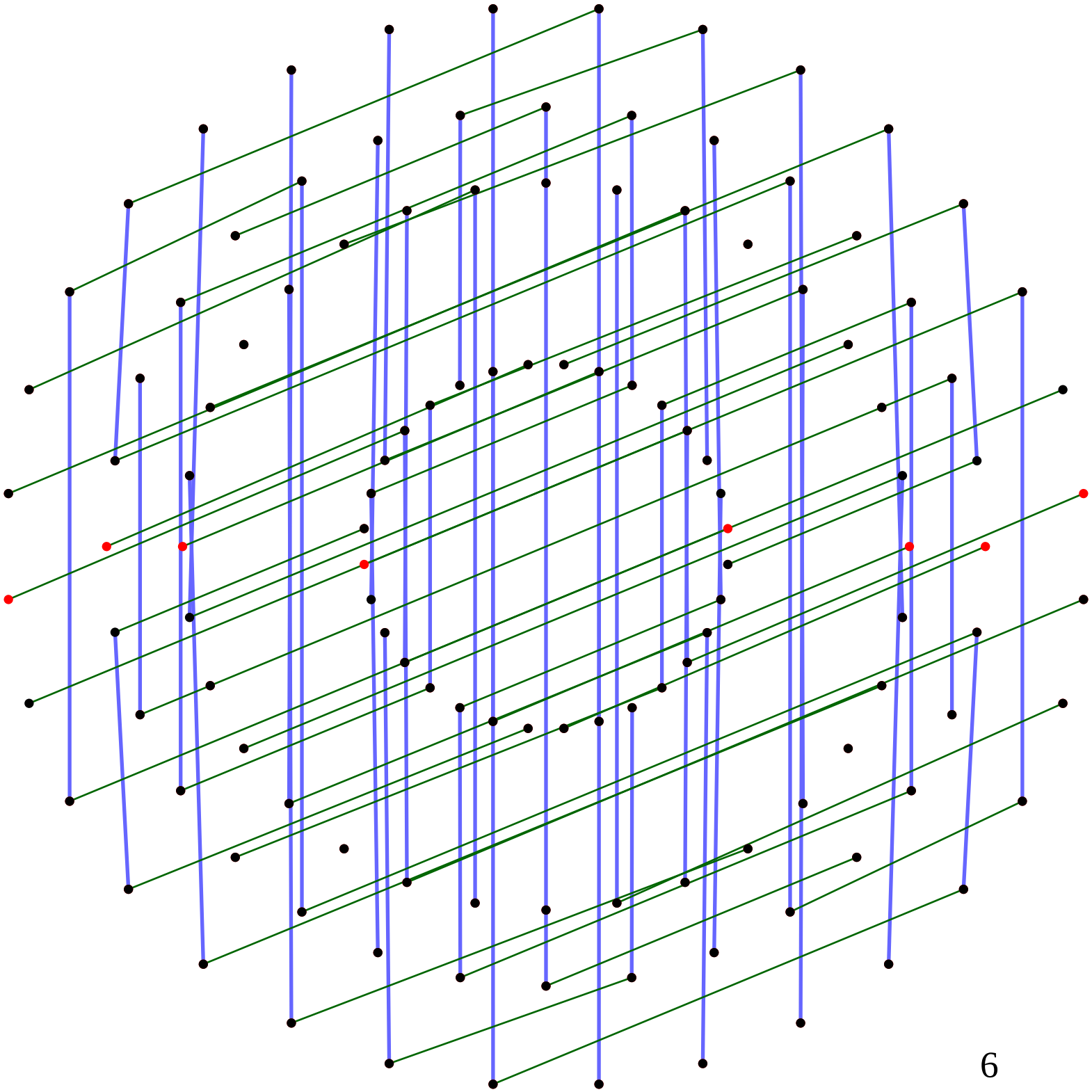
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 21232121321432121321243212132

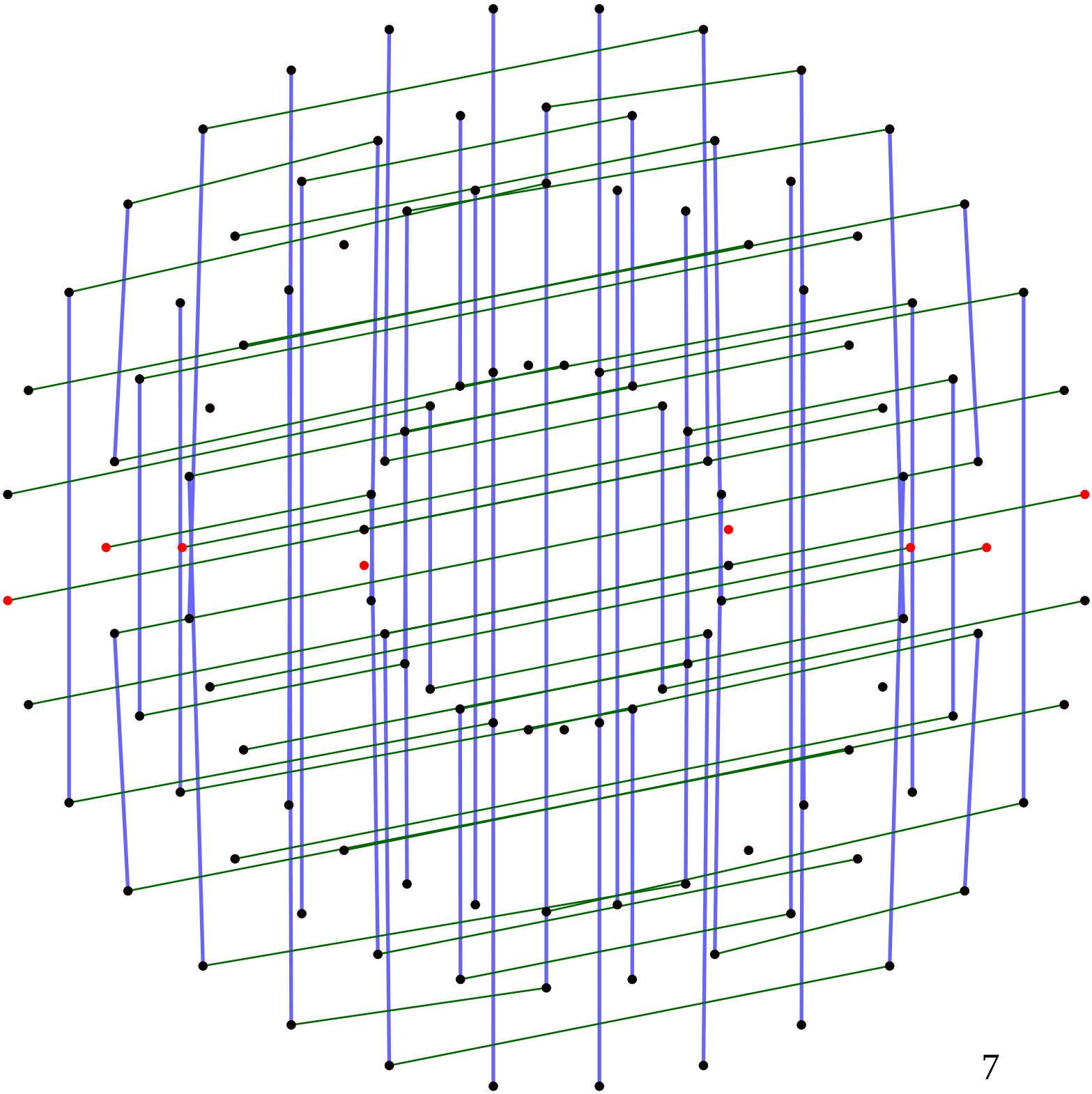
Incompatible [Degree 5.236068]



Negative root for generator 1.

Positive root for 12123432121321234321213212343212 1

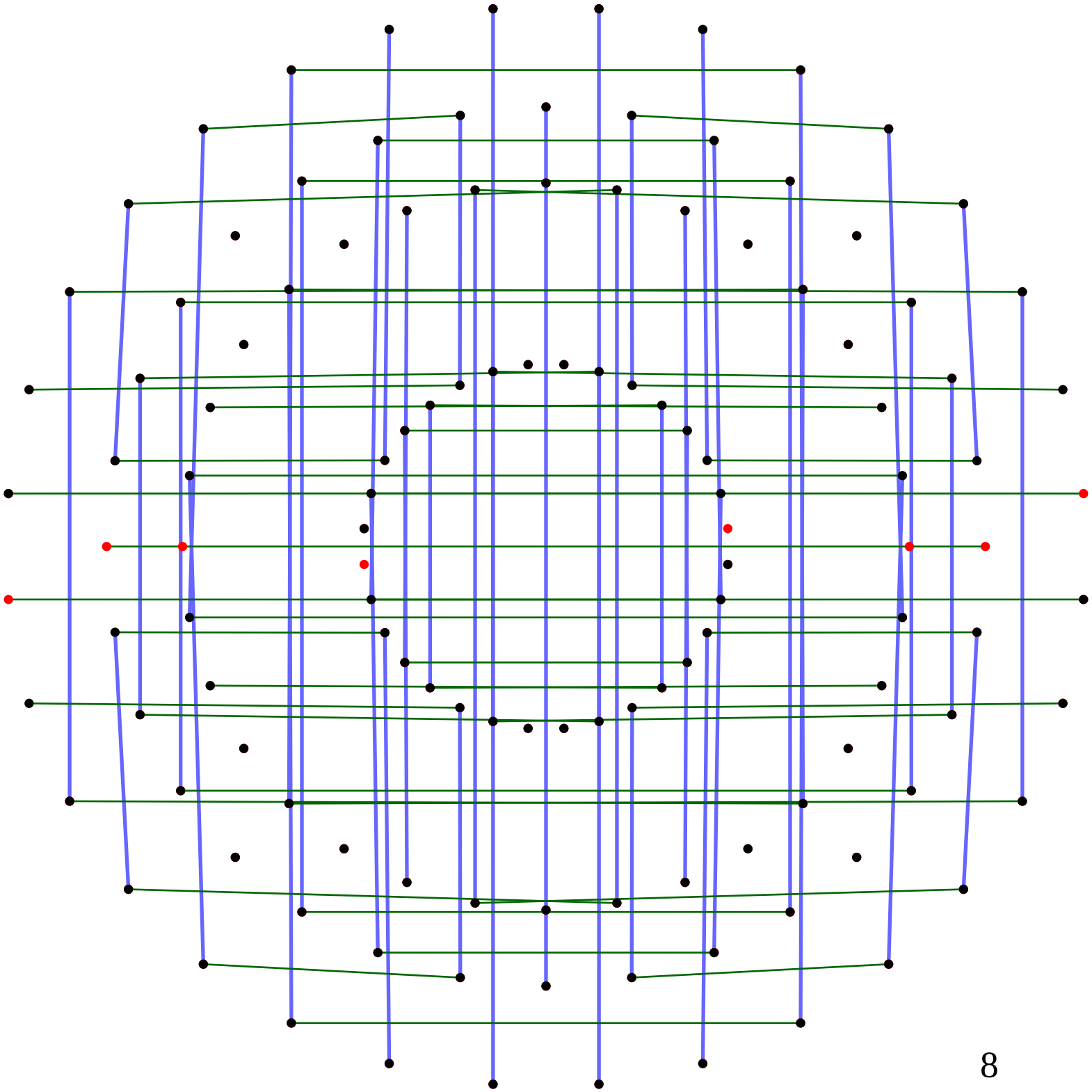
Incompatible [Degree 5.854102]



Negative root for generator 1.

Positive root for 3212343212132123432121321234321 23

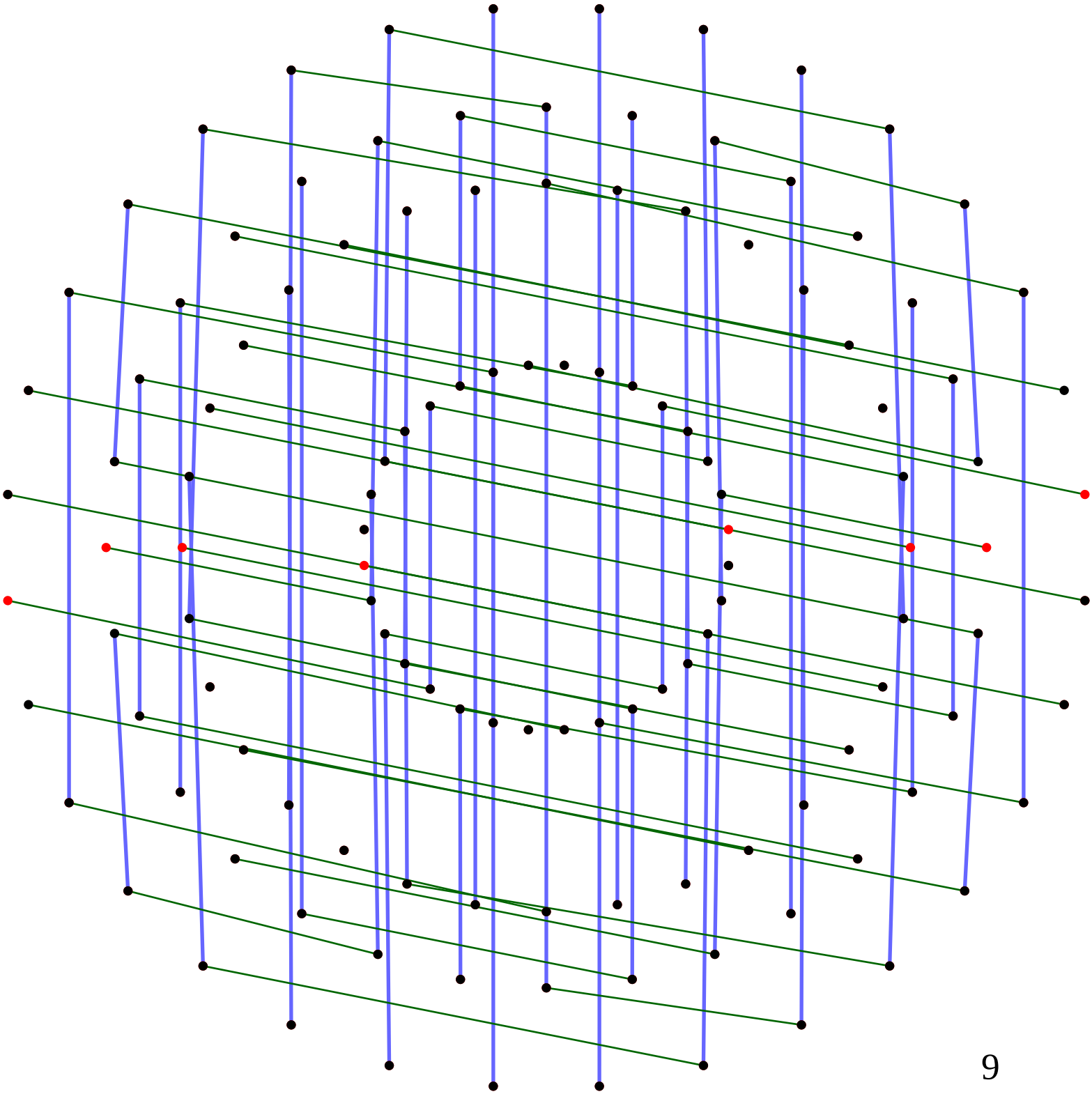
Incompatible [Degree 5.236068]



Negative root for generator 1.

Positive root for 12123212132143212132124321213 21

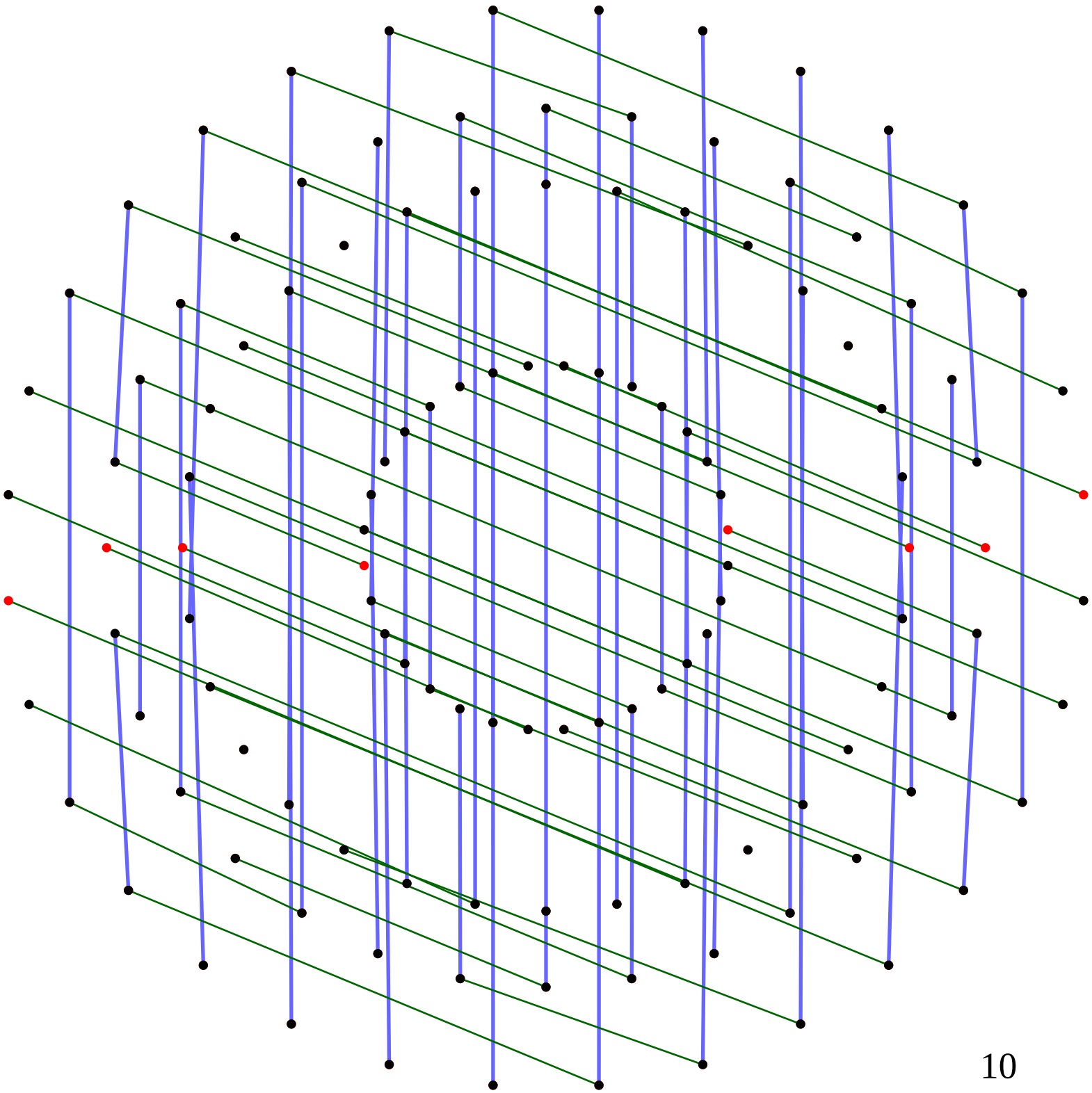
Incompatible [Degree 5.854102]



Negative root for generator 1.

Positive root for 12343212132123432121321234321

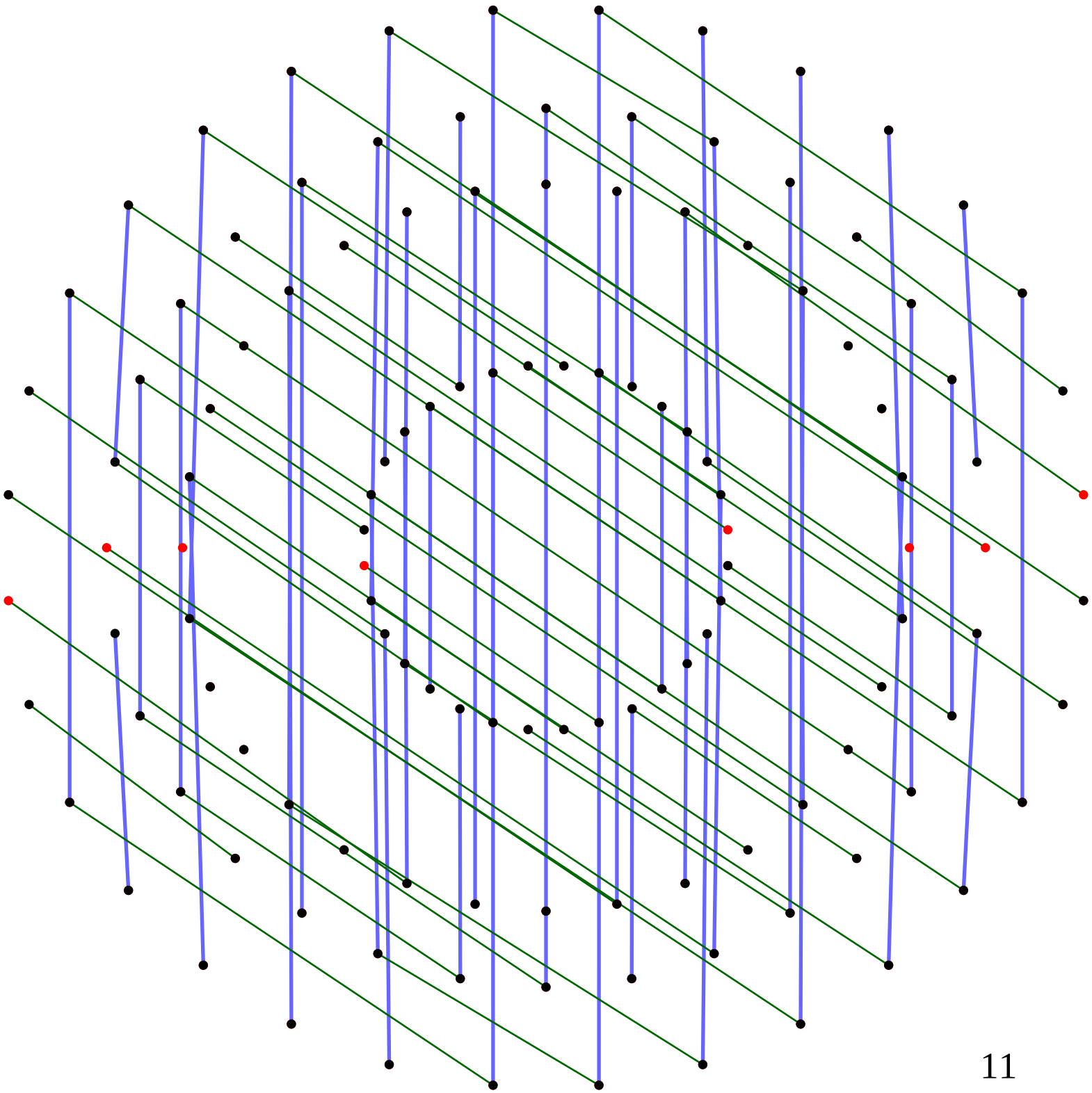
Incompatible [Degree 5.236068]



Negative root for generator 1.

Positive root for 3212132143212132143212 3

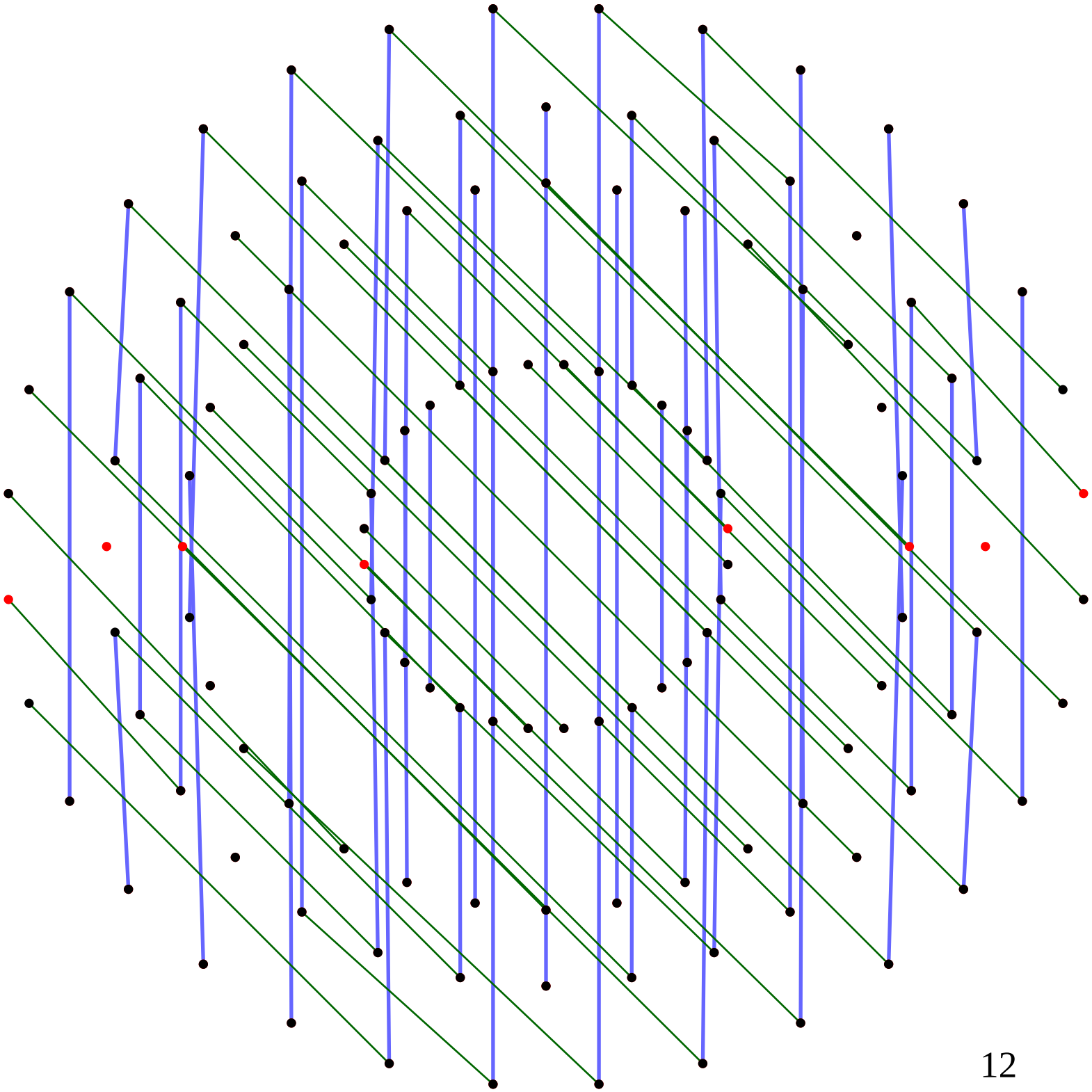
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 12132123432121321

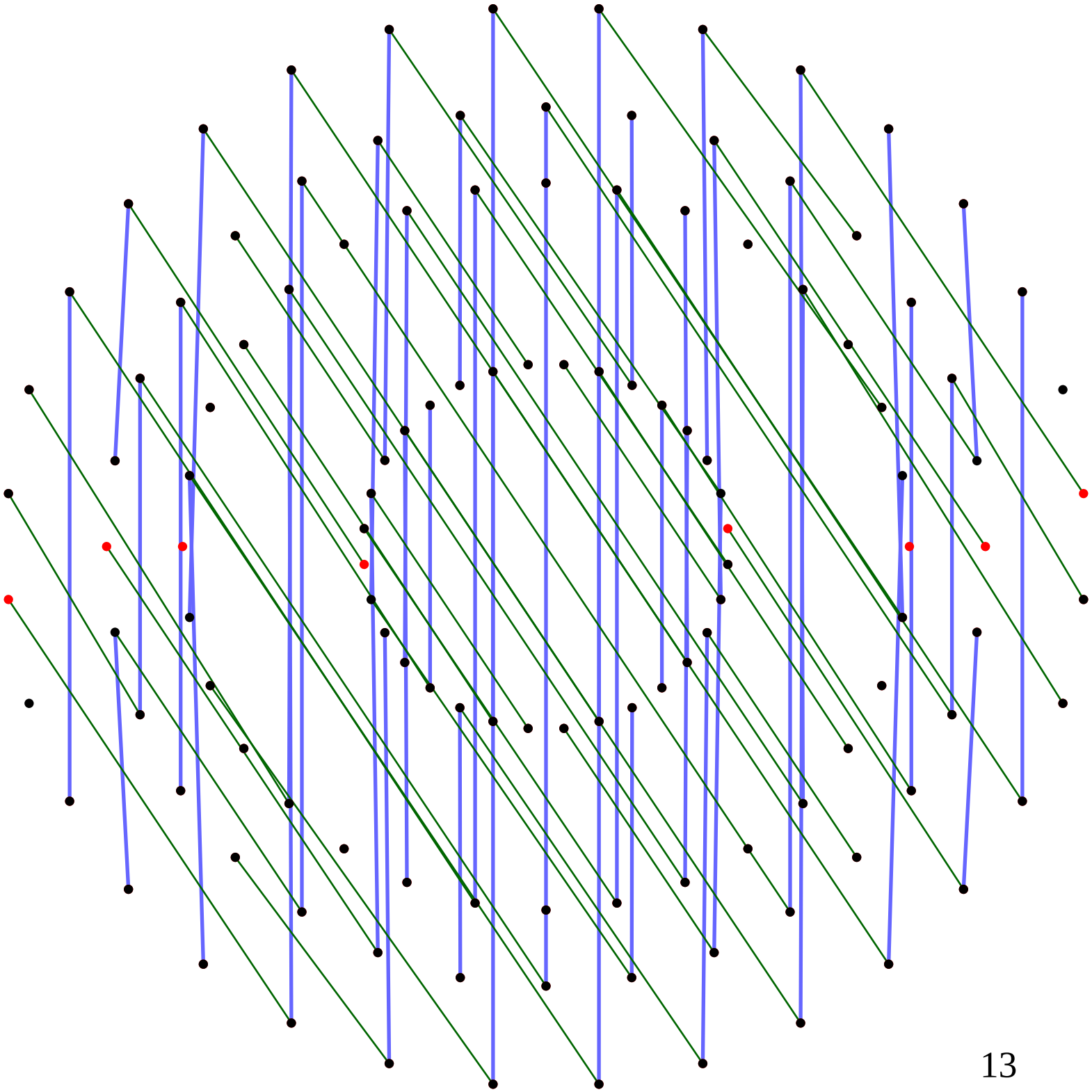
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 132143212132143

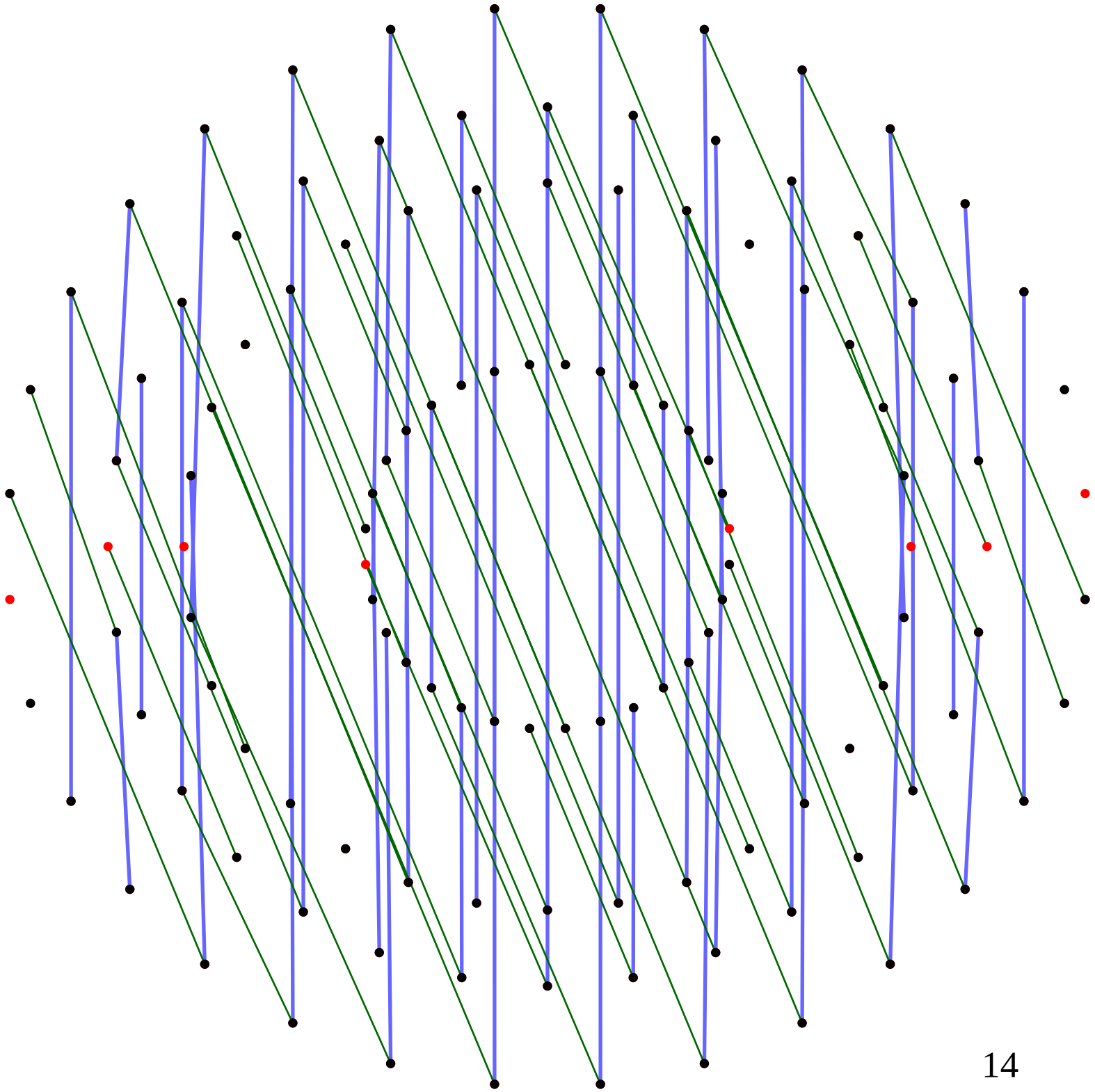
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 1321213

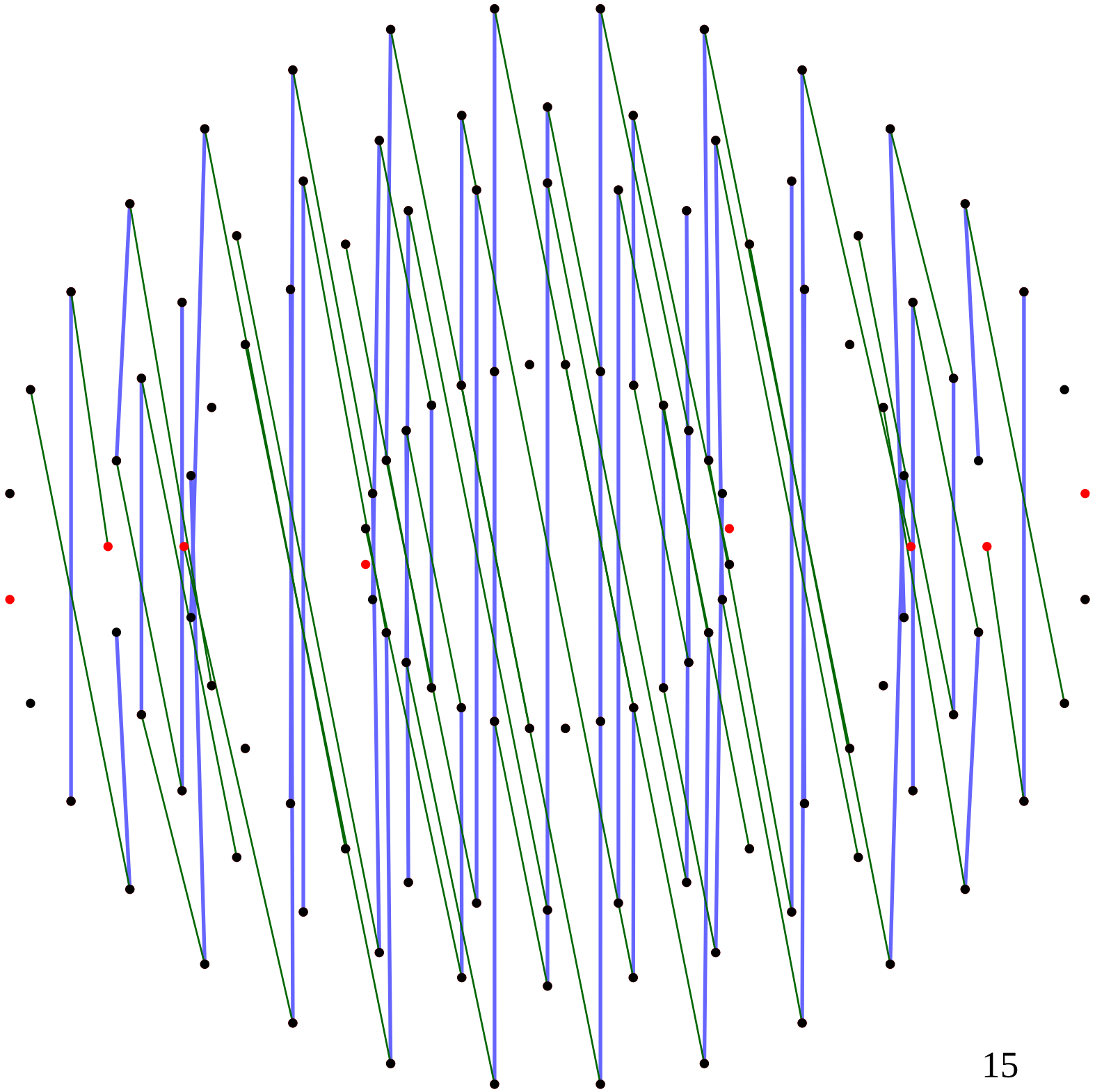
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 1

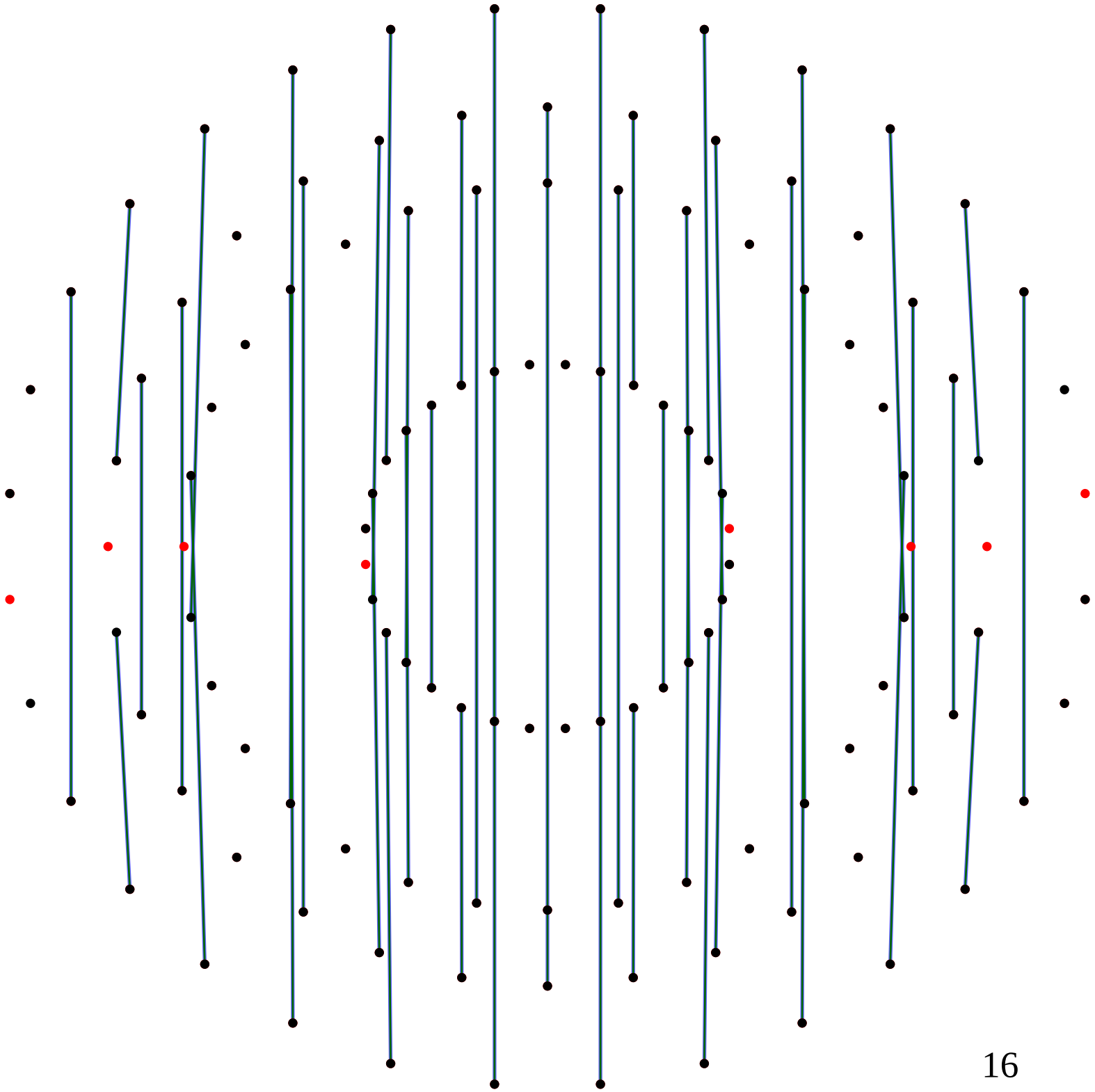
Incompatible [Degree 1]



Negative root for generator 1.

Negative root for generator 1.

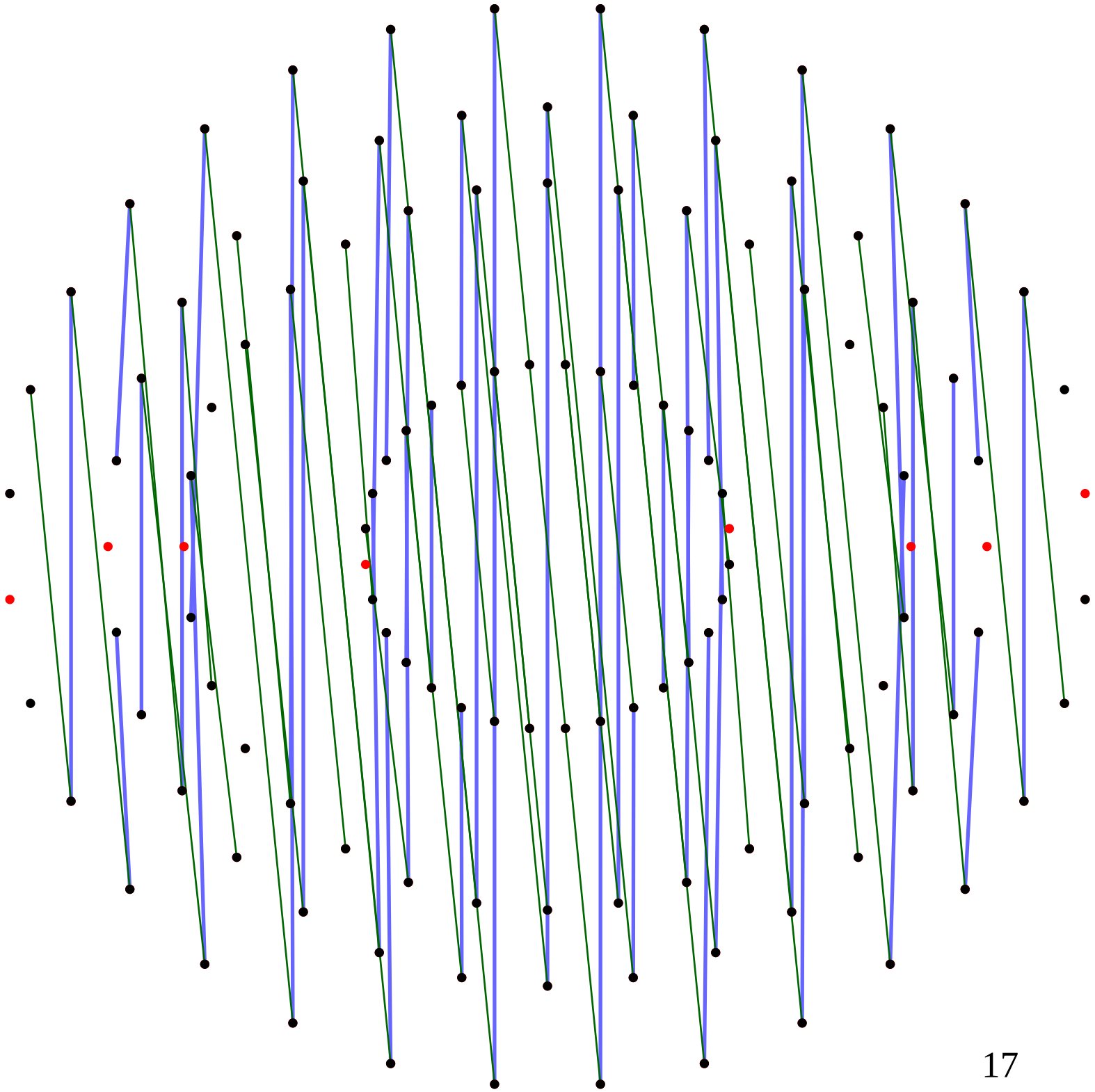
Coinciding



Negative root for generator 1.

Negative root for generator 2.

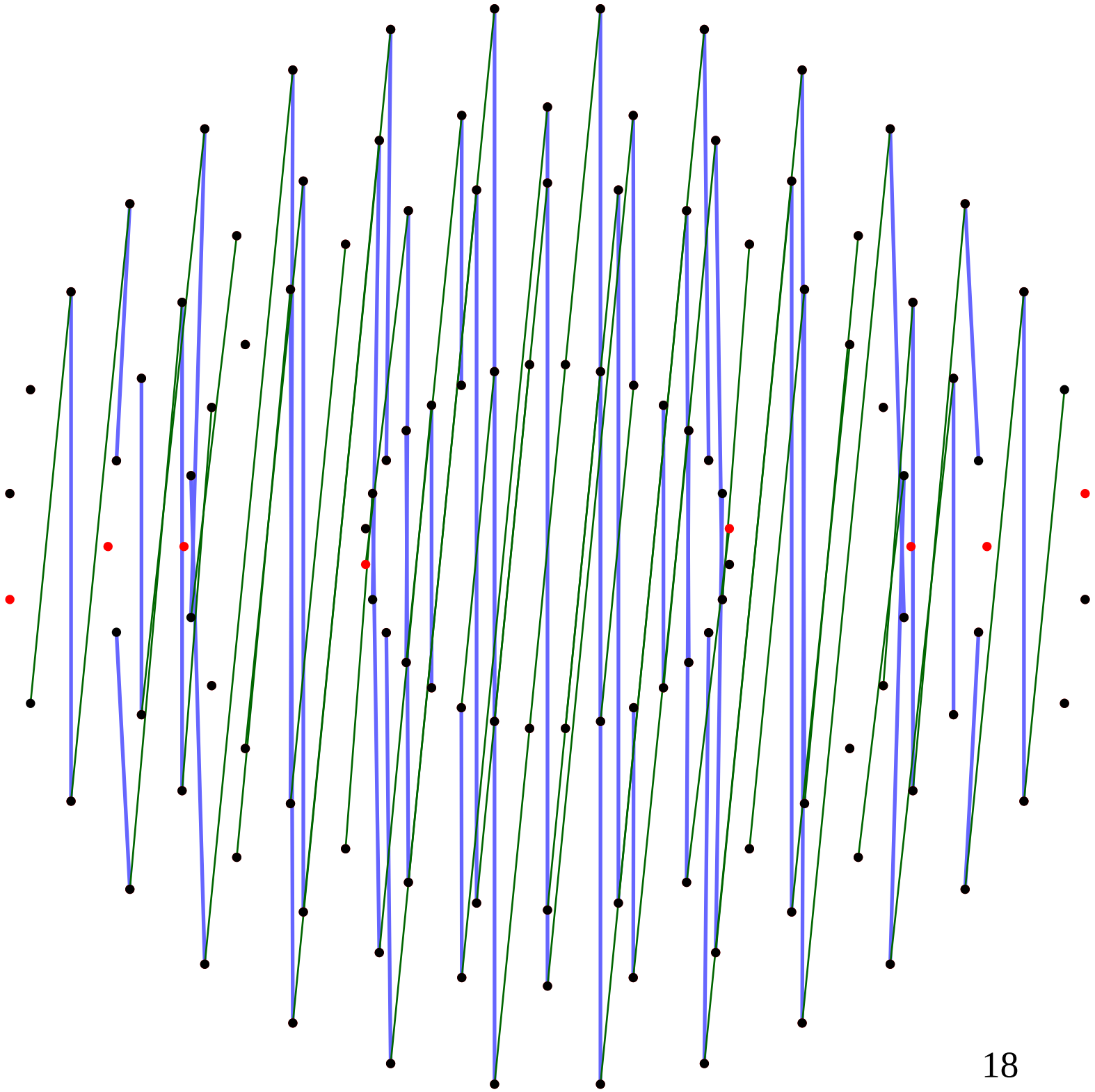
Compatible



Negative root for generator 1.

Positive root for 2

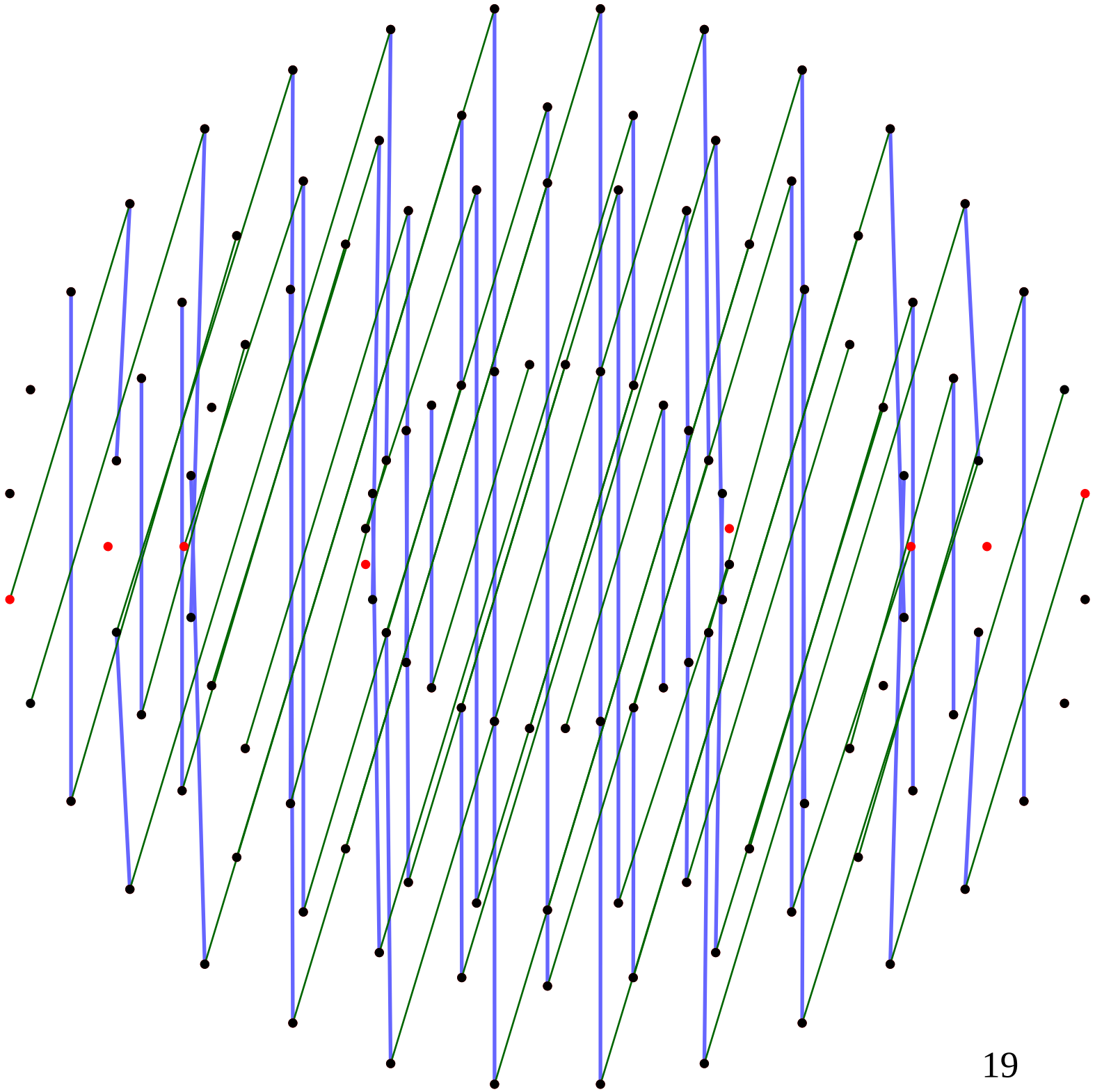
Compatible



Negative root for generator 1.

Positive root for 212343212

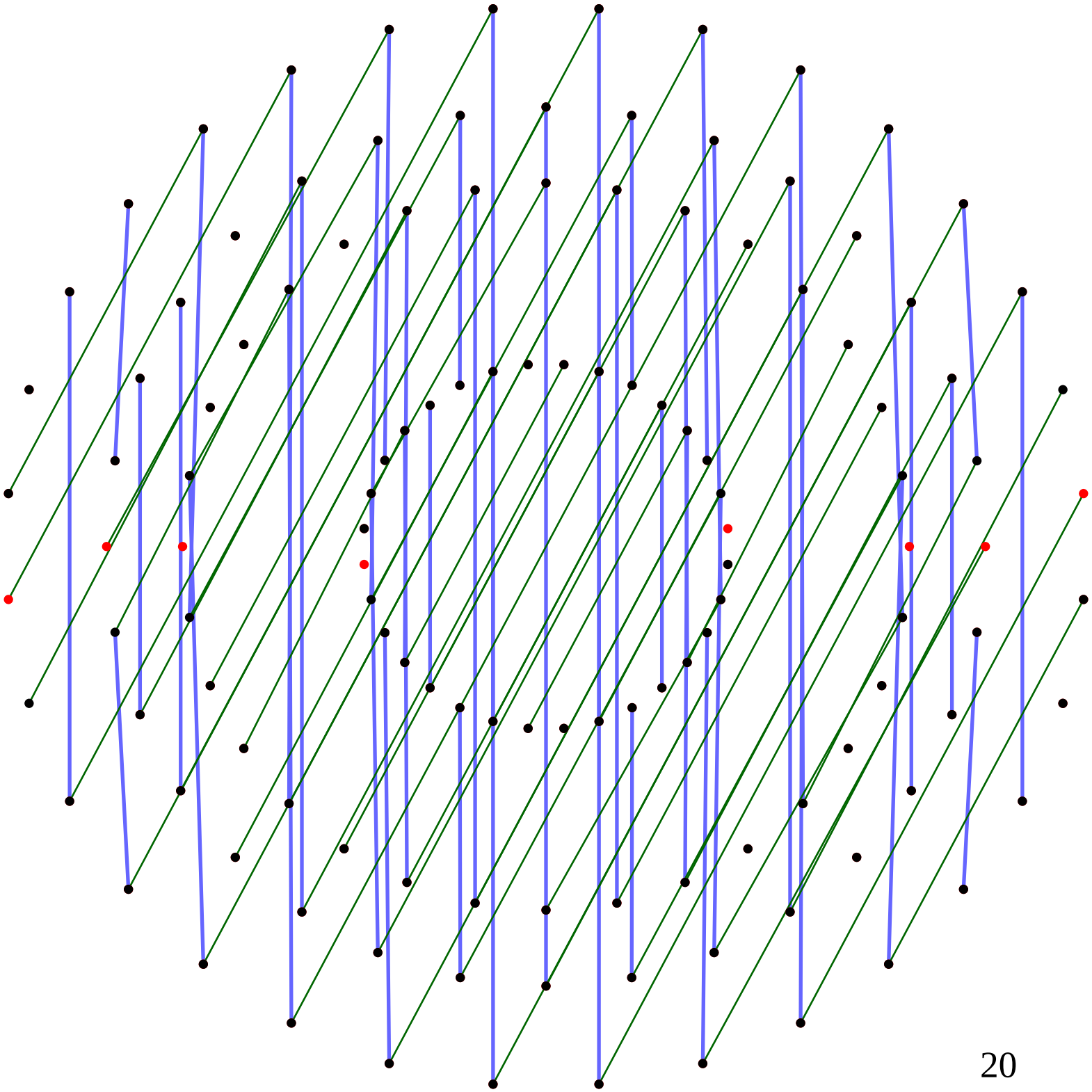
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 2132143212132143 2

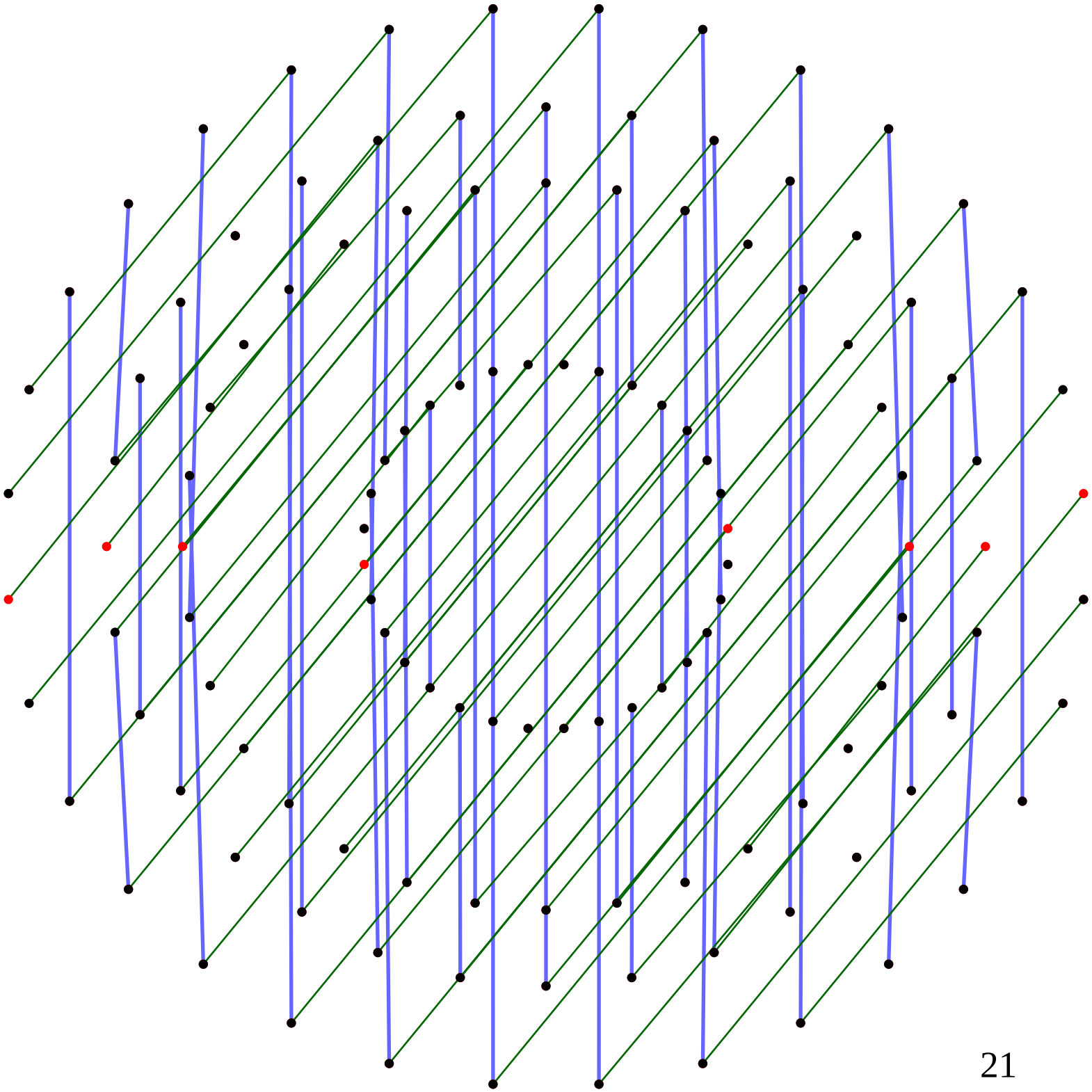
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 212321214321213212432 12

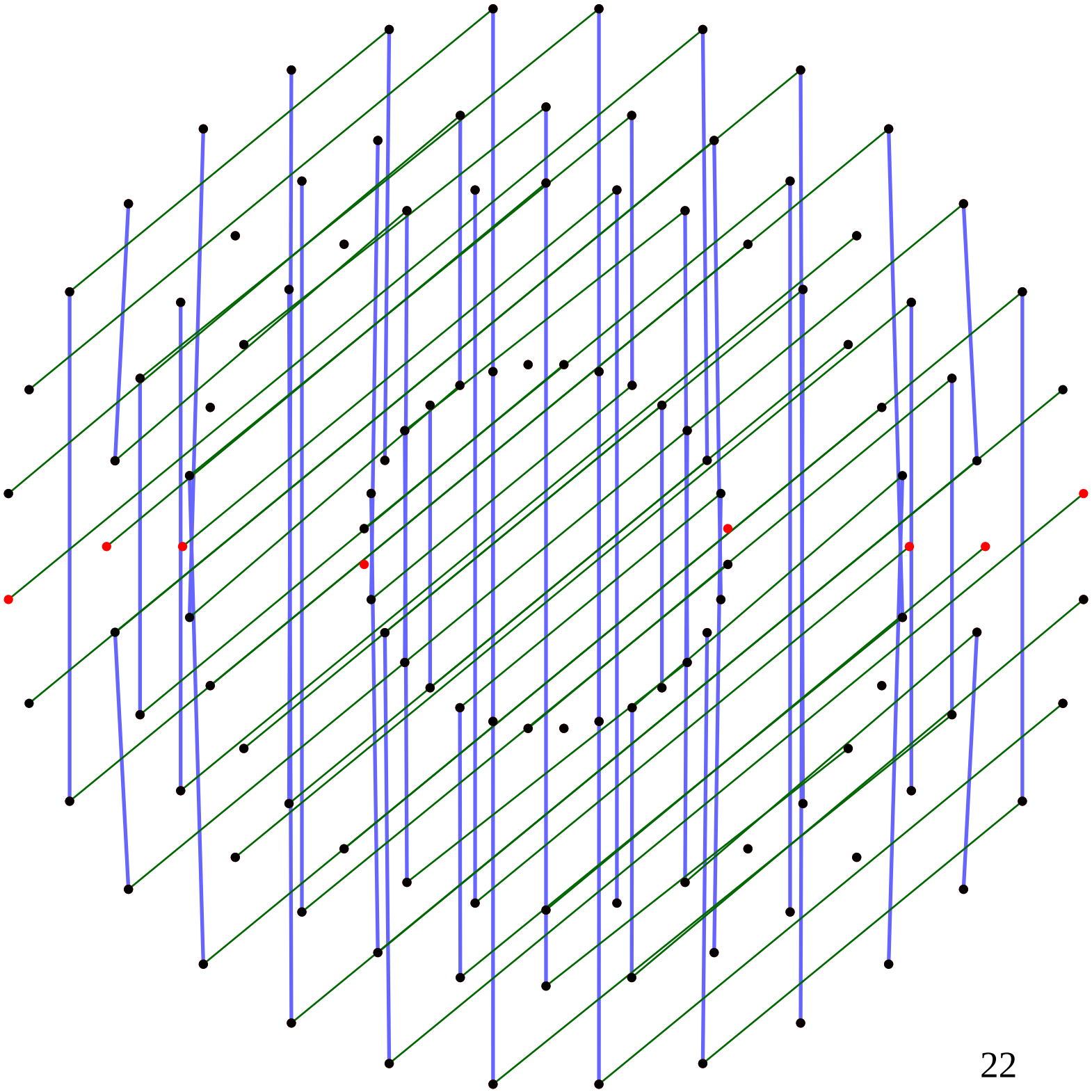
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 212343212132123432121321234321 2

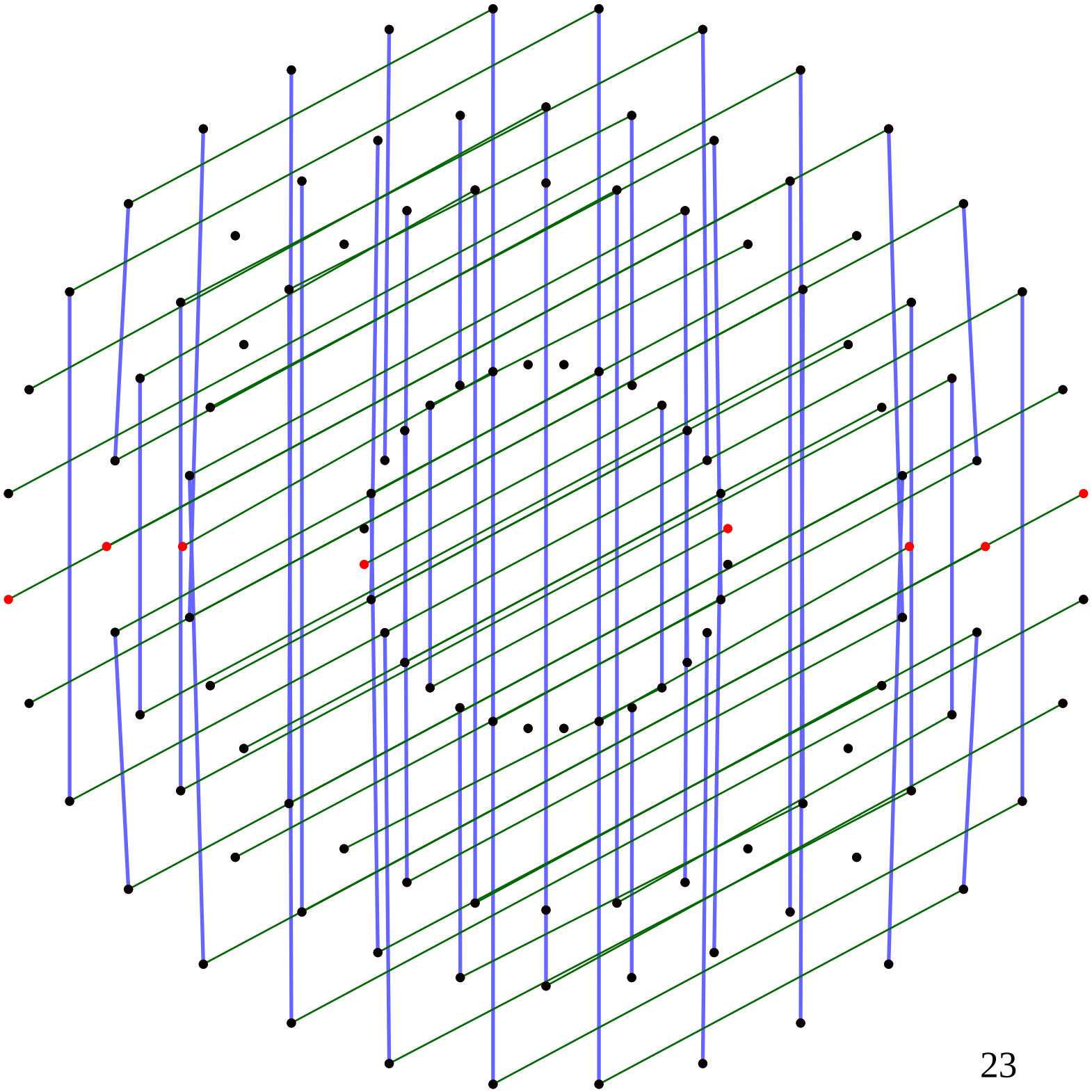
Incompatible [Degree 5.236068]



Negative root for generator 1.

Positive root for 213212343212132123432121321234321213 2

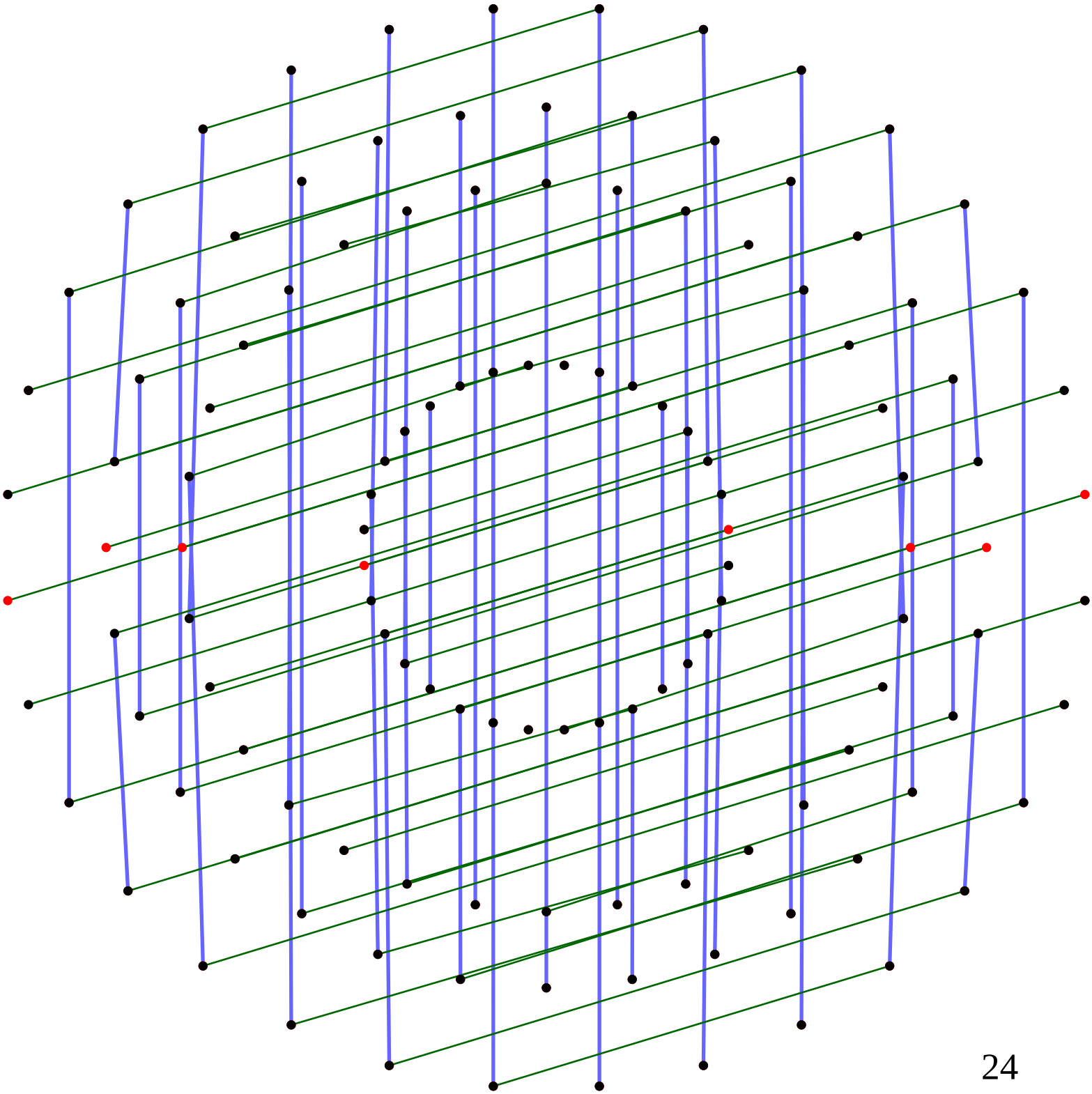
Incompatible [Degree 5.854102]



Negative root for generator 1.

Positive root for 2121321234321213212343212132123432121321 2

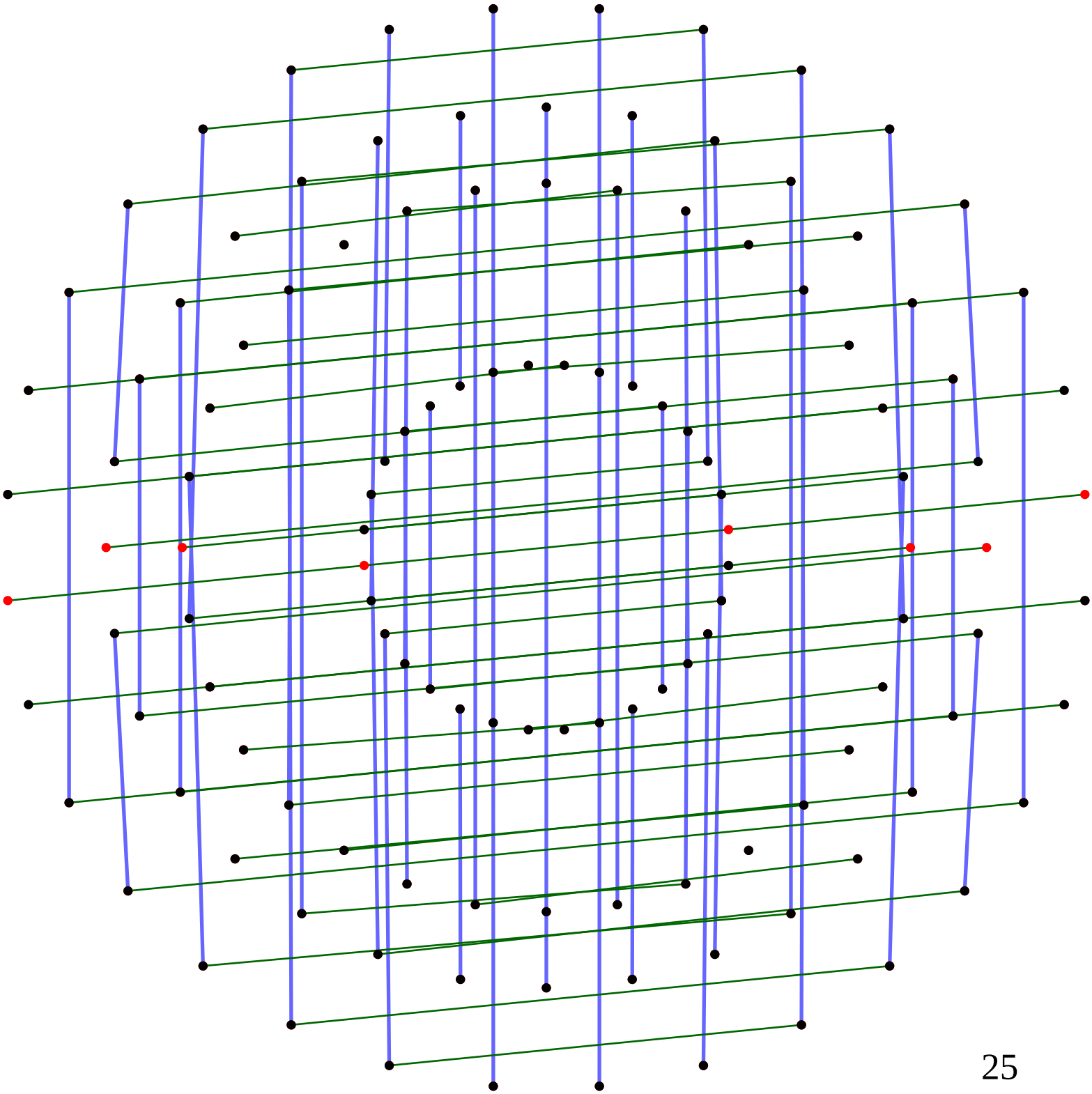
Incompatible [Degree 6.854102]



Negative root for generator 1.

Positive root for 432121321234321213212343212132123432121321234

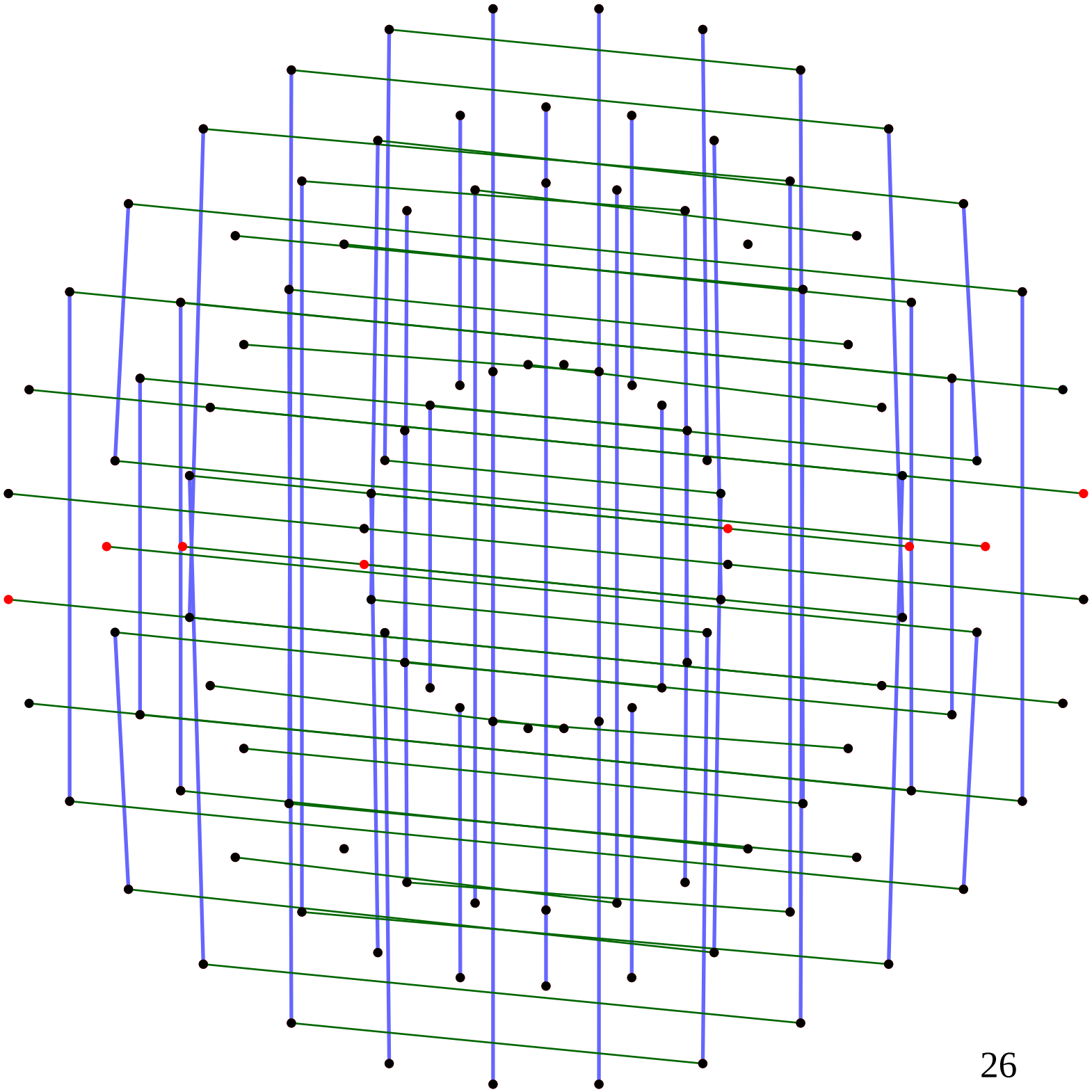
Incompatible [Degree 6.854102]



Negative root for generator 1.

Positive root for 3212132123432121321234321213212343212132123

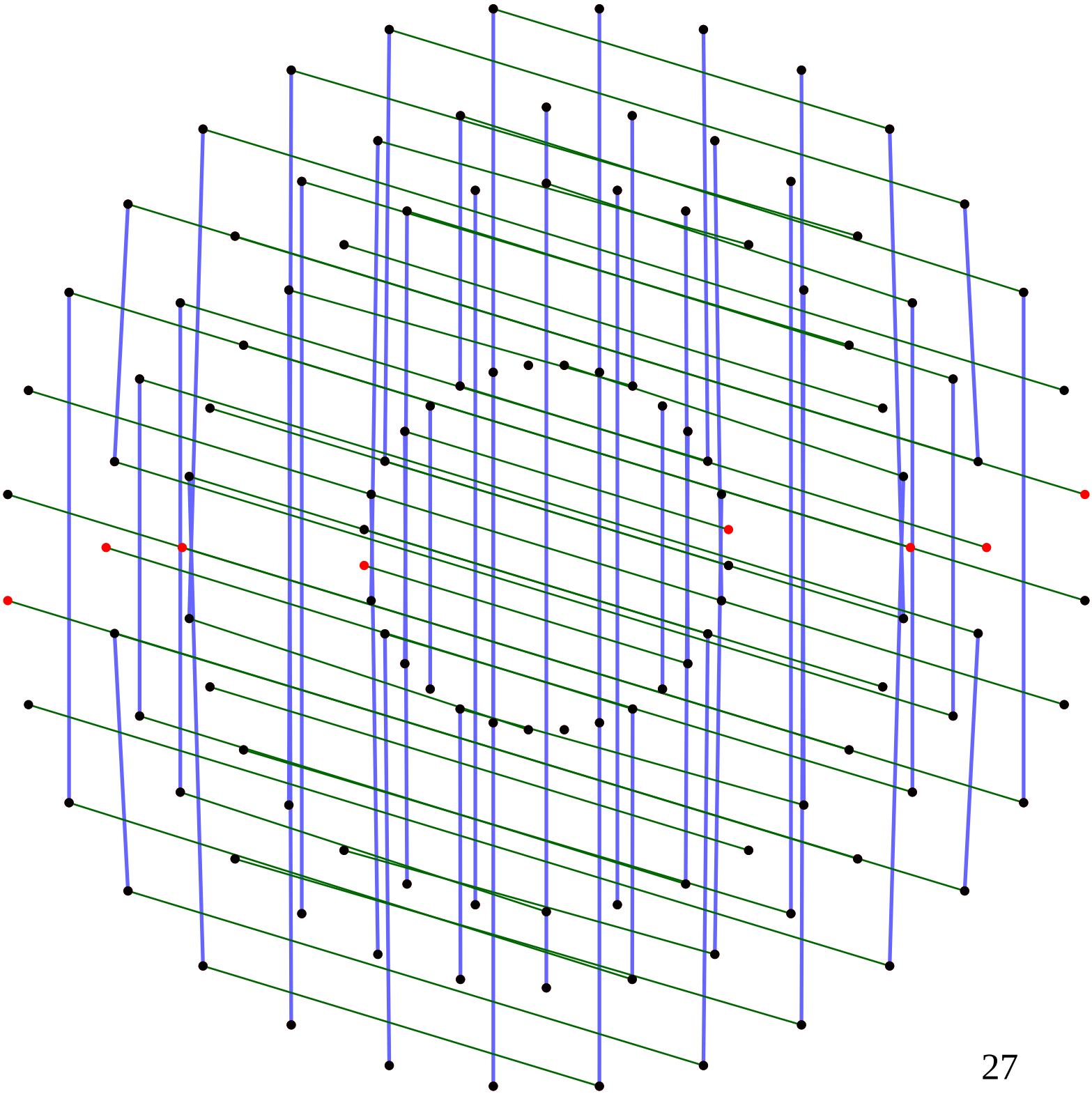
Incompatible [Degree 6.854102]



Negative root for generator 1.

Positive root for 12132123432121321234321213212343212132 1

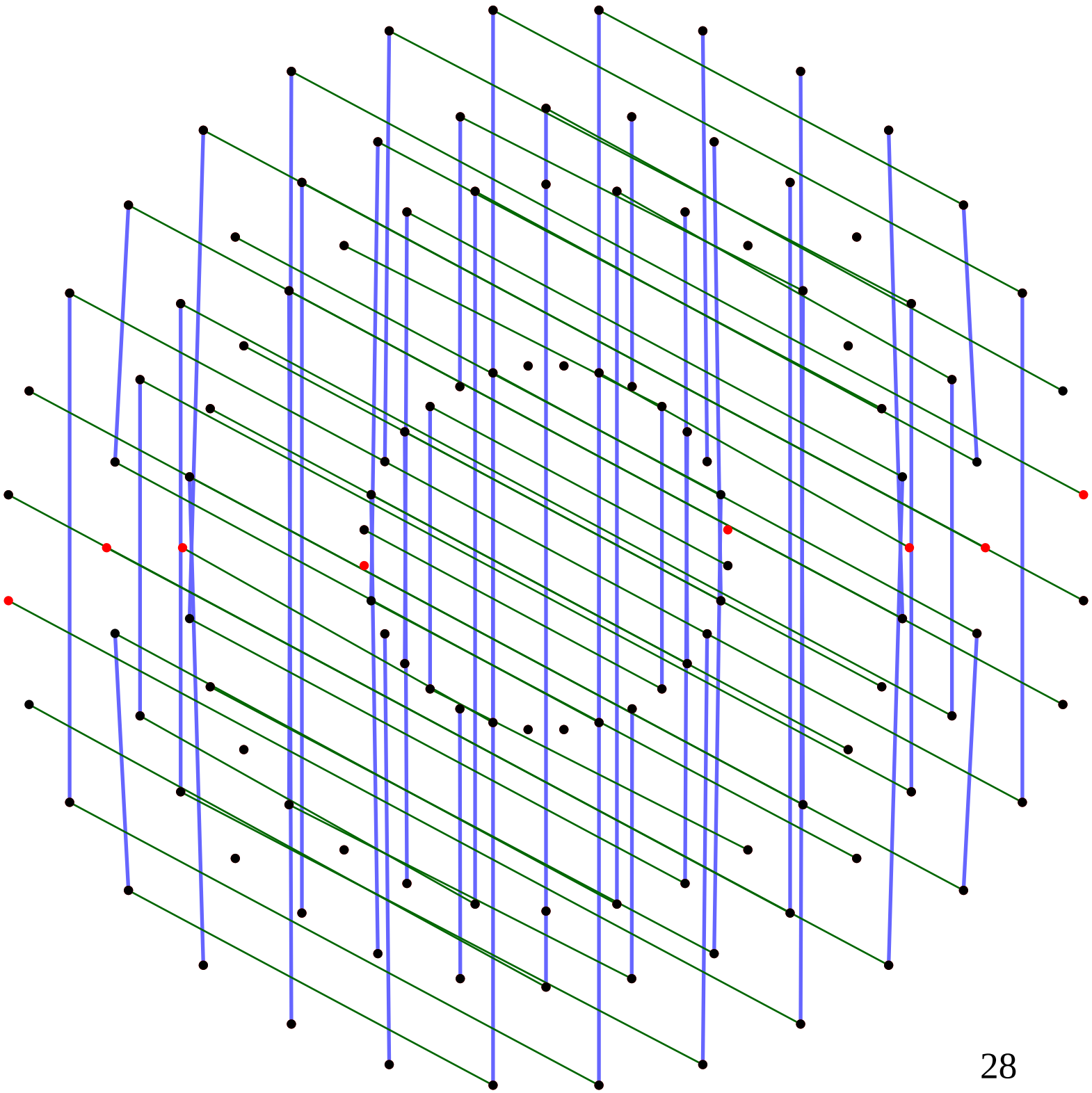
Incompatible [Degree 6.854102]



Negative root for generator 1.

Positive root for 13212343212132123432121321234321213

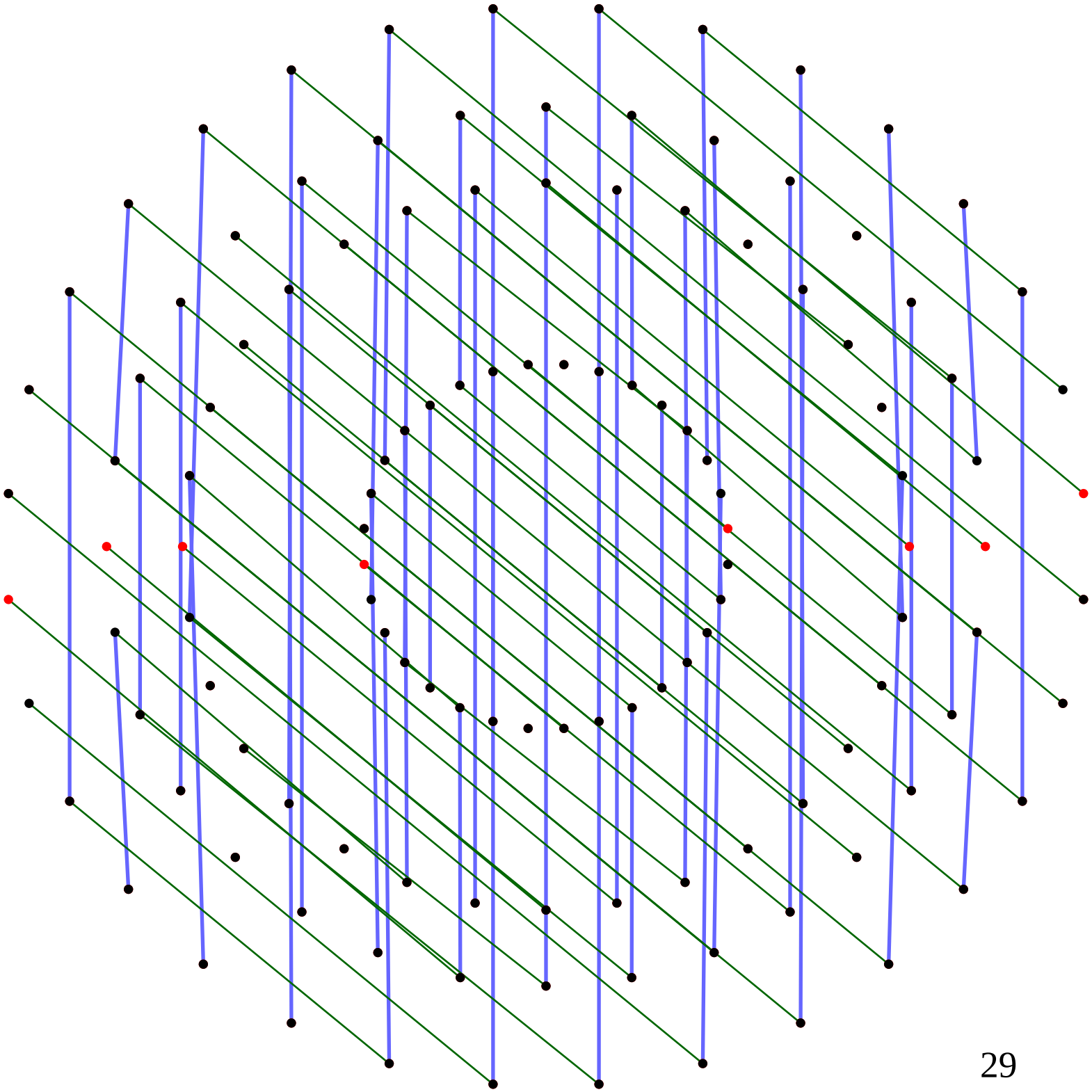
Incompatible [Degree 5.854102]



Negative root for generator 1.

Positive root for 12321213214321213212432121 3

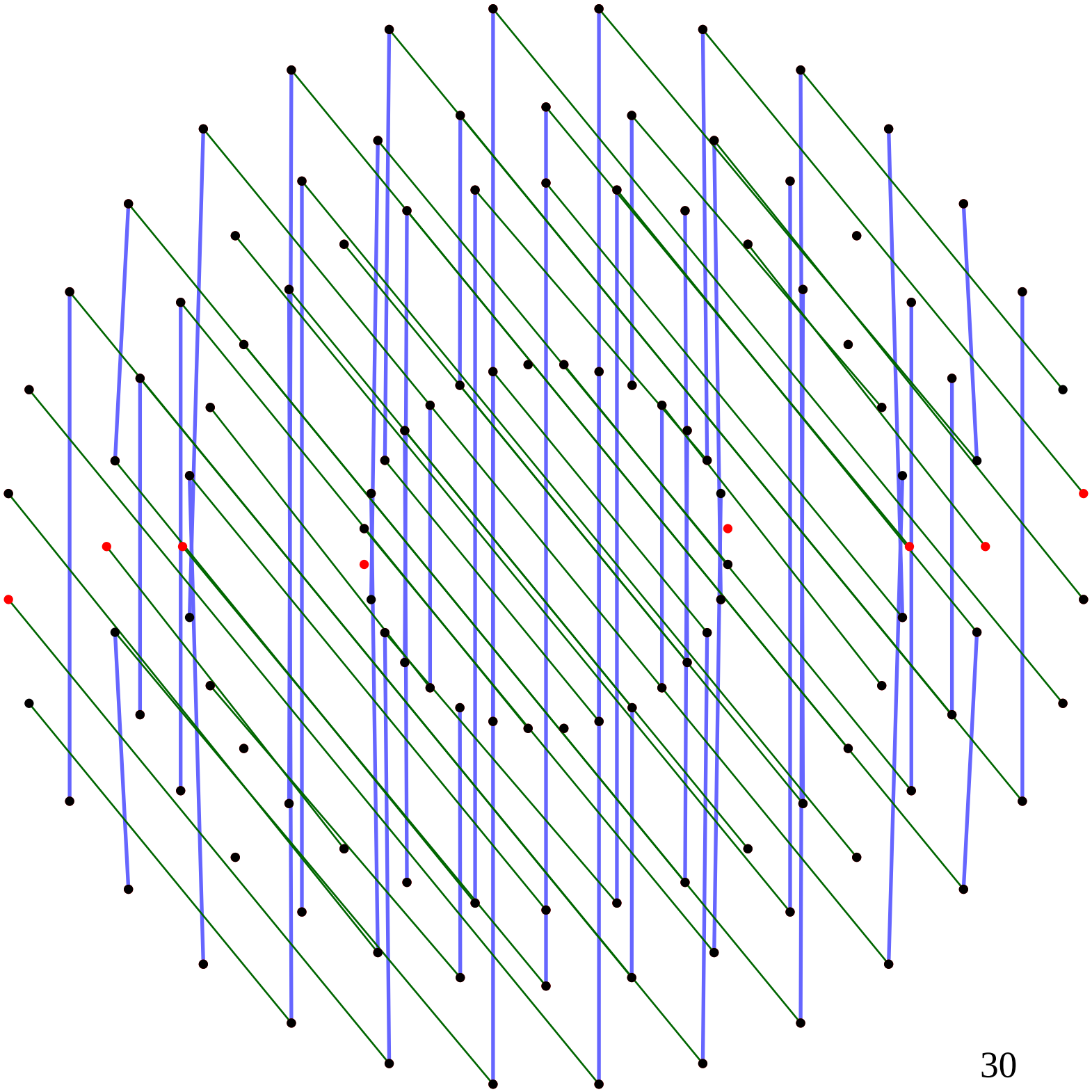
Incompatible [Degree 5.236068]



Negative root for generator 1.

Positive root for 123212143212132124321

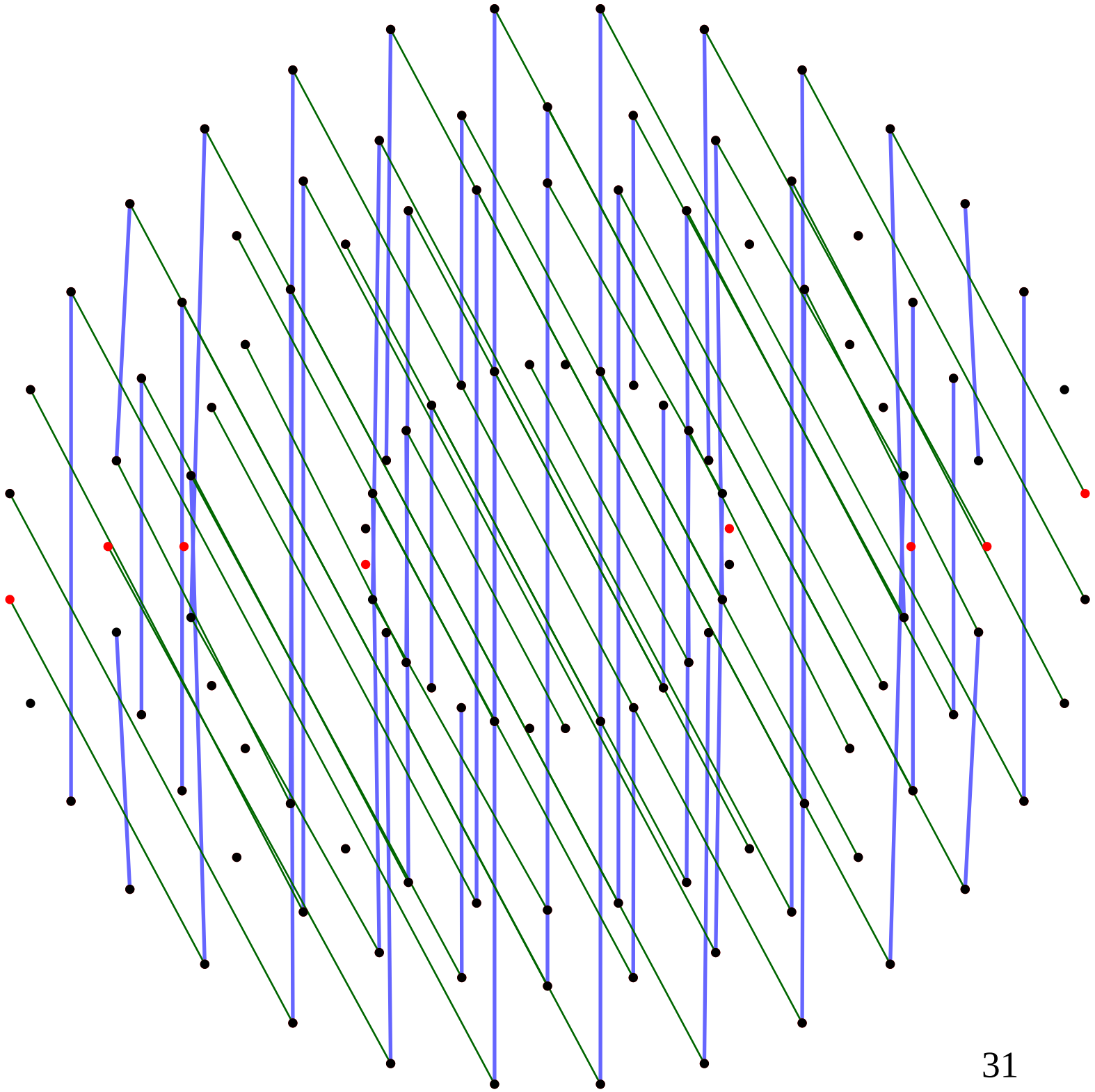
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 1321234321213

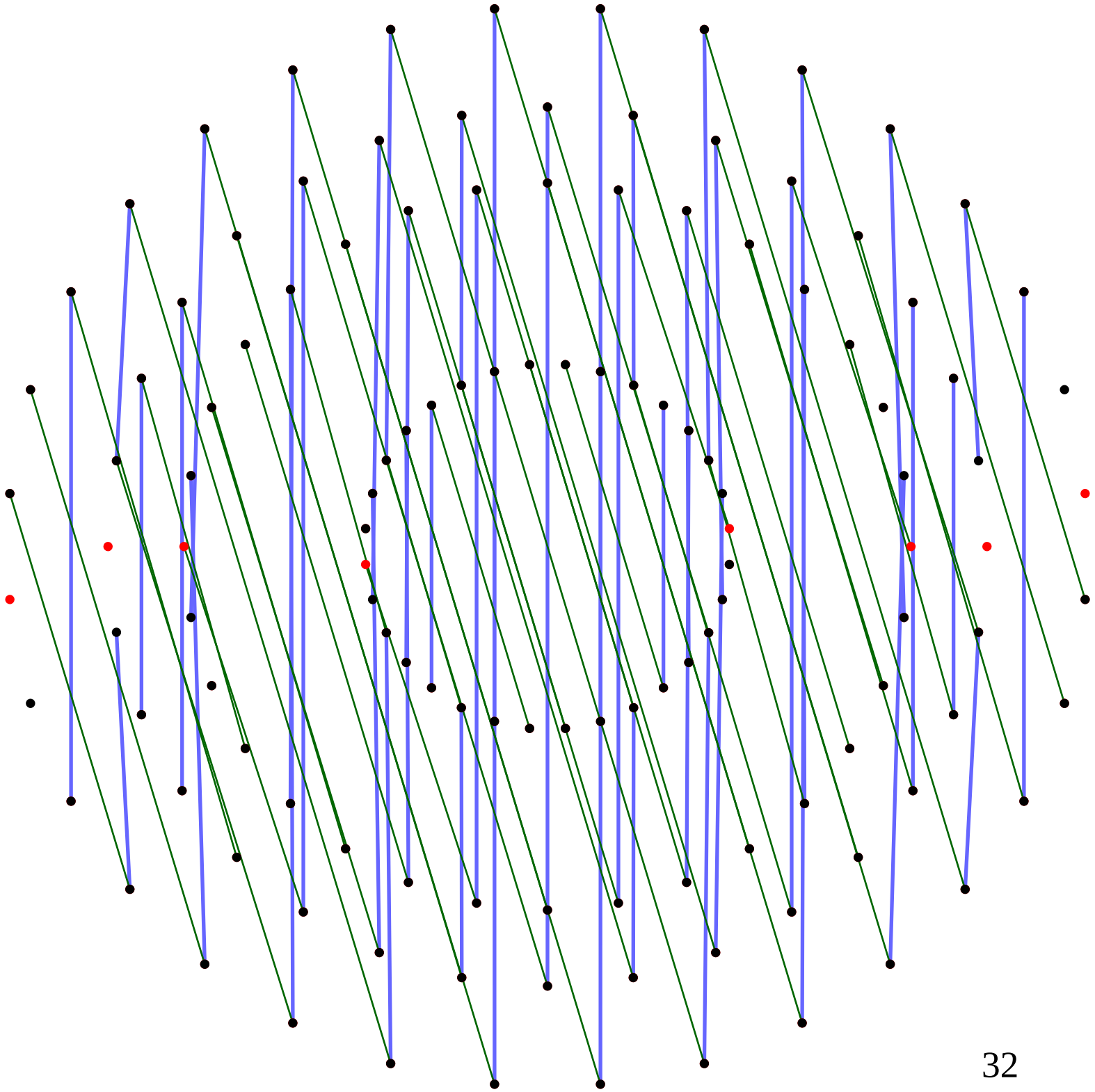
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 12321

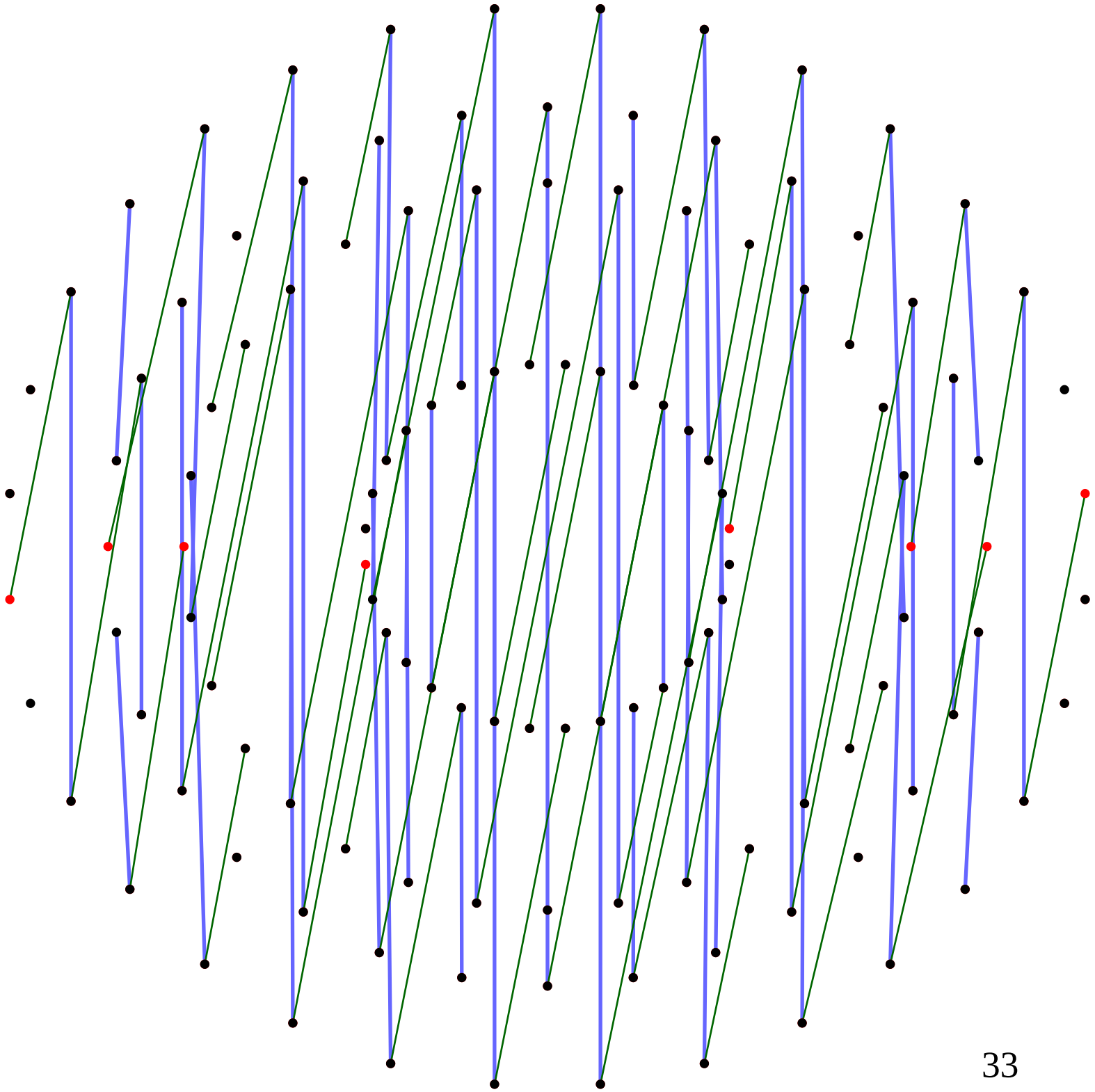
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 23432

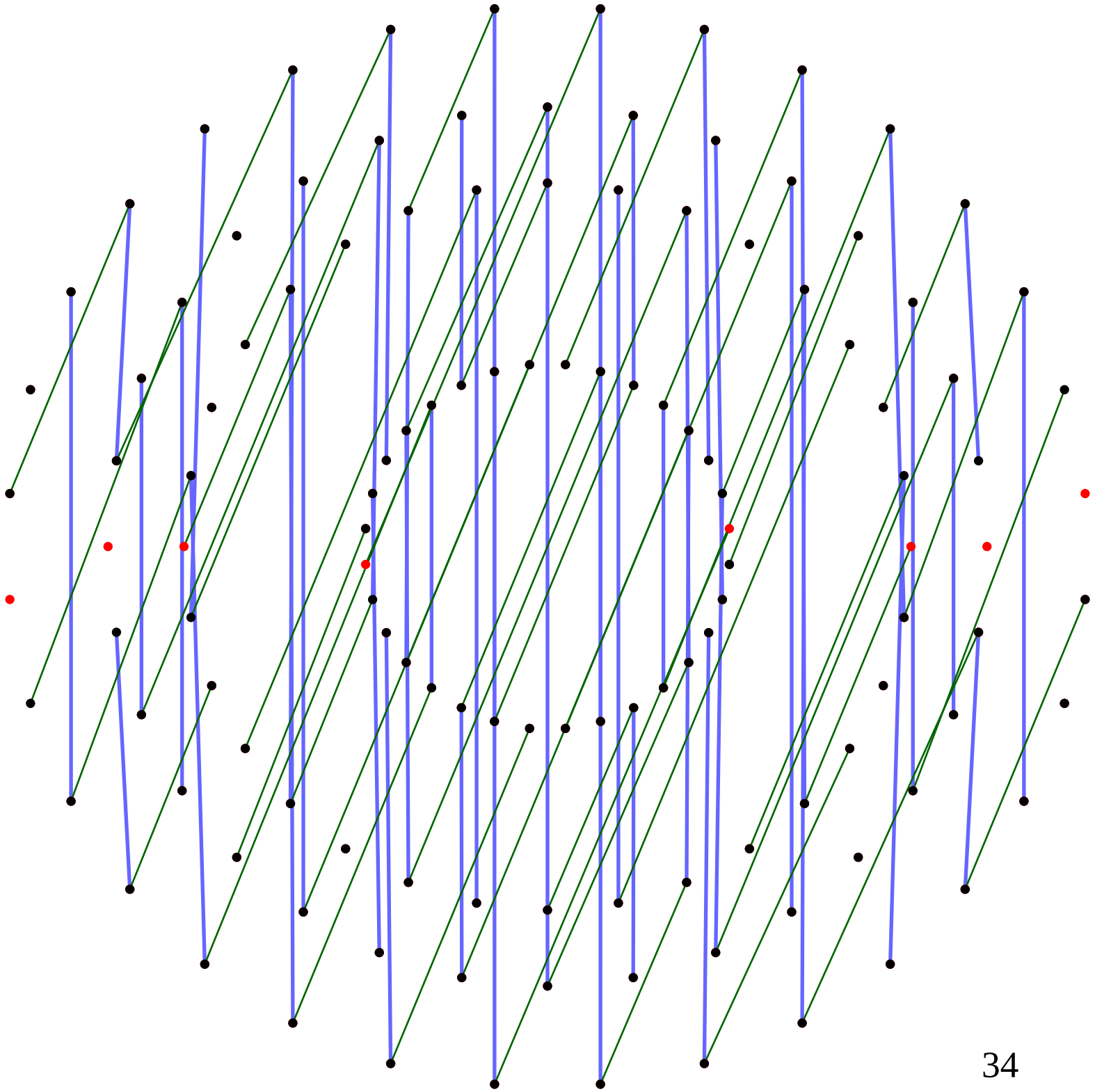
Compatible



Negative root for generator 1.

Positive root for 2123212

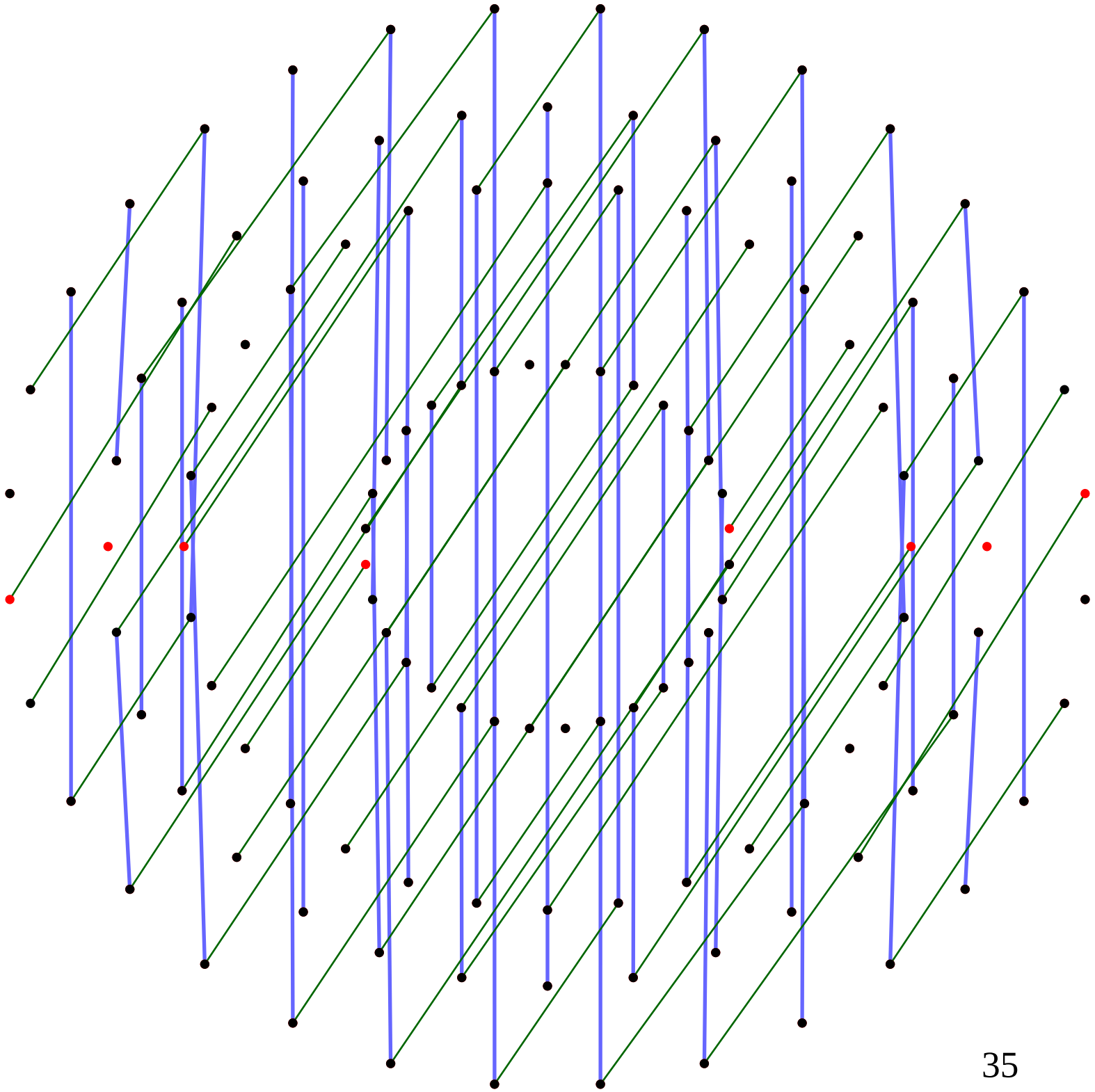
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 212143212132124

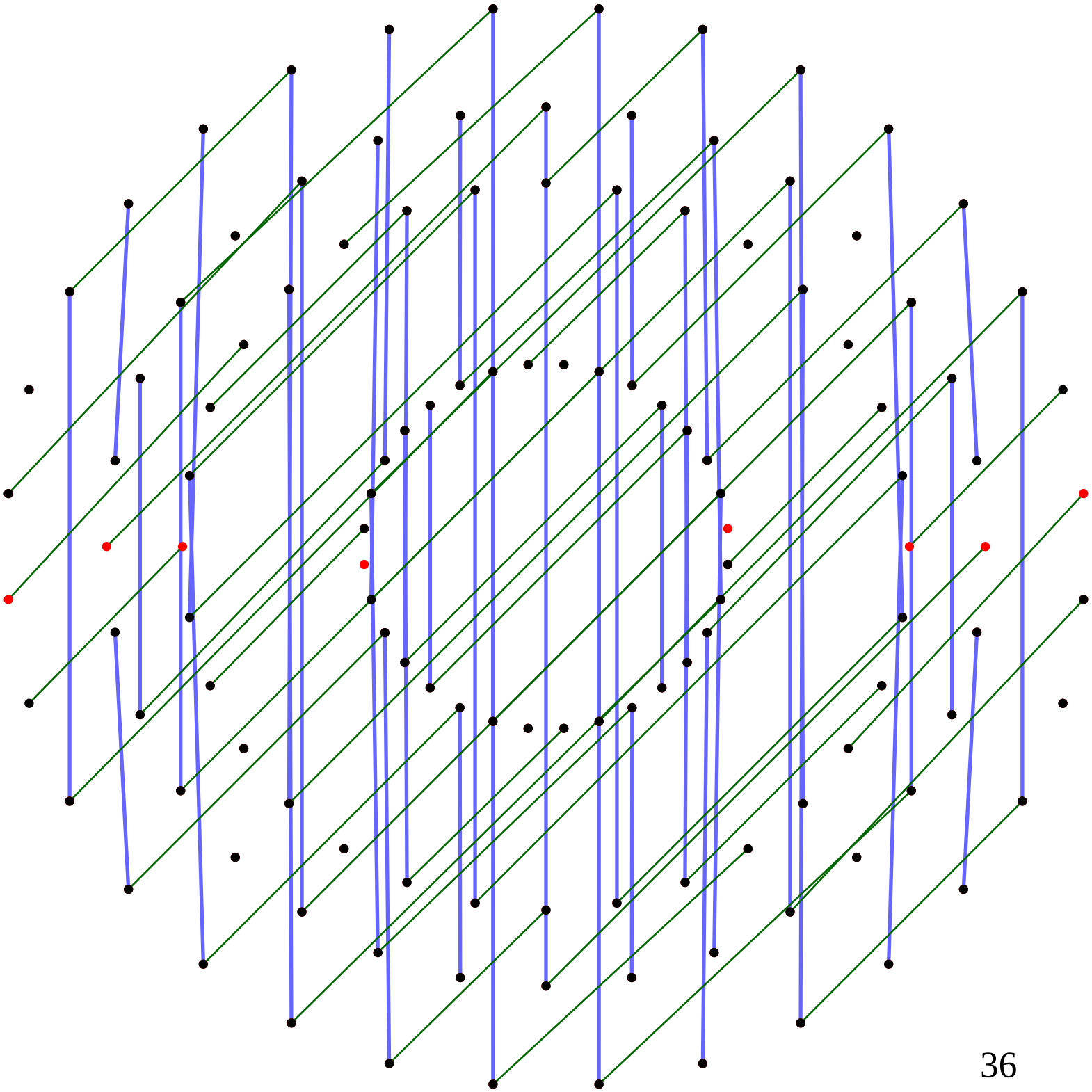
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 23212143212132432

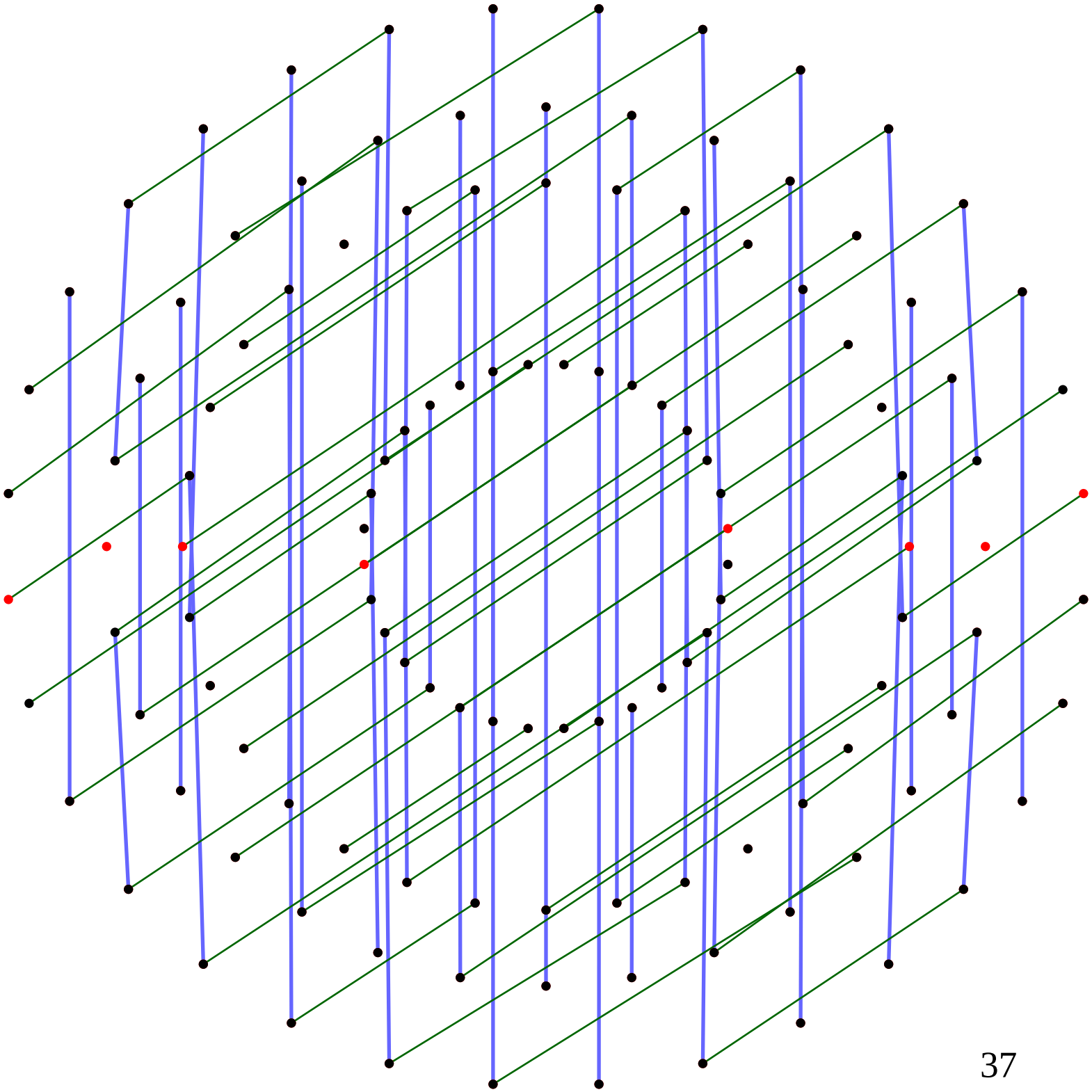
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 21213212343212132 12

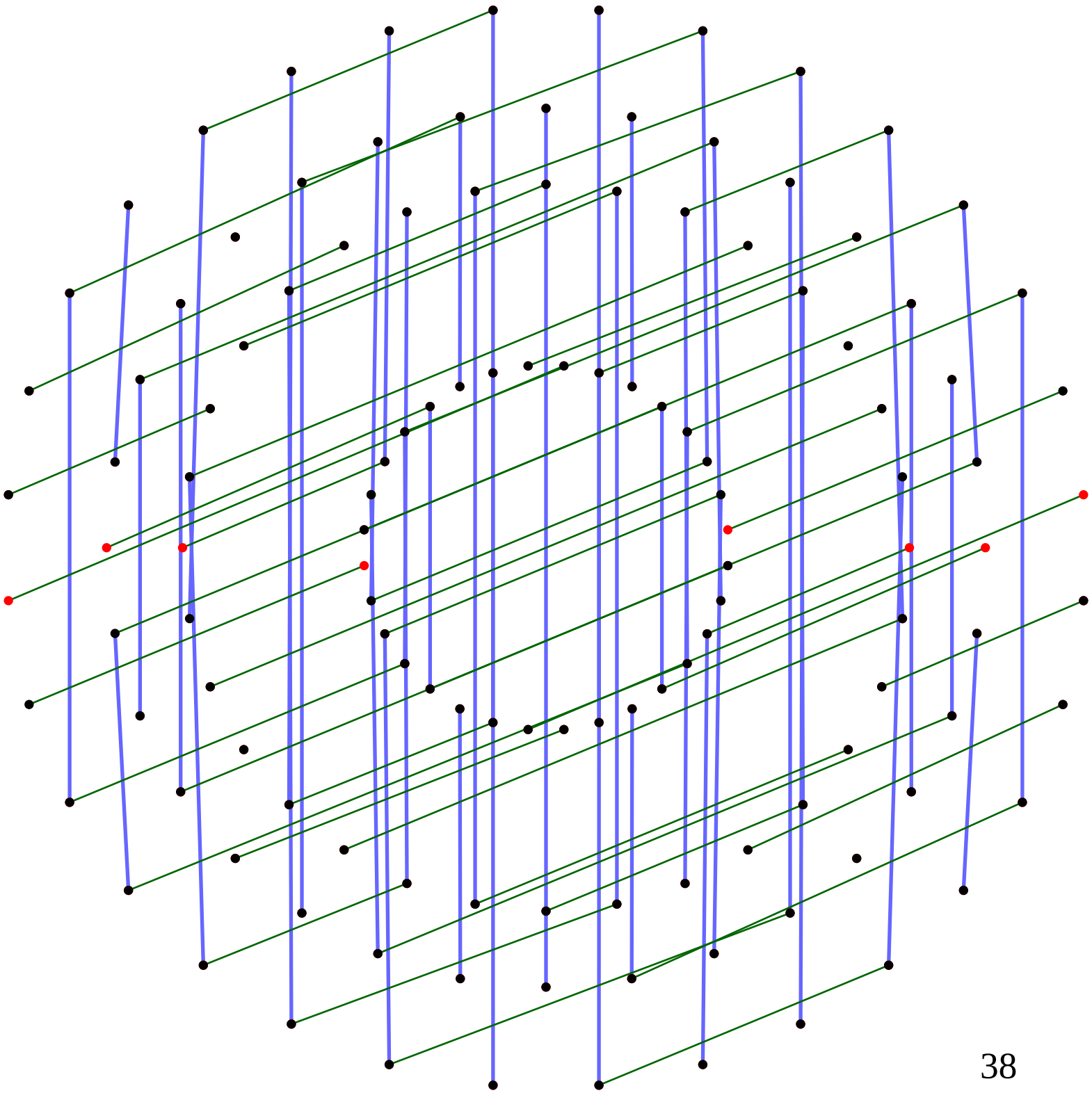
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 432121321234321213212 34

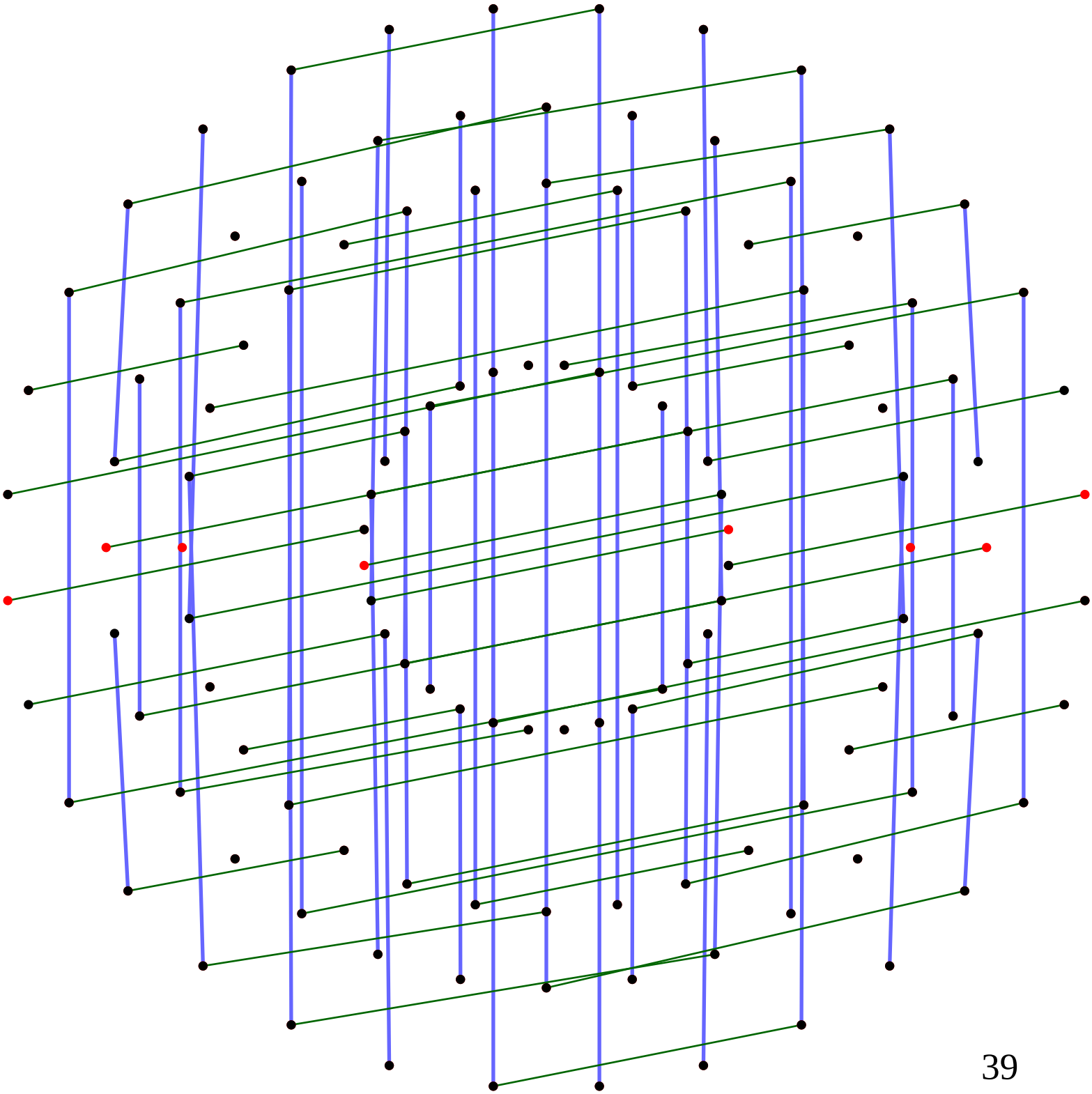
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 232121321432121321243212 3

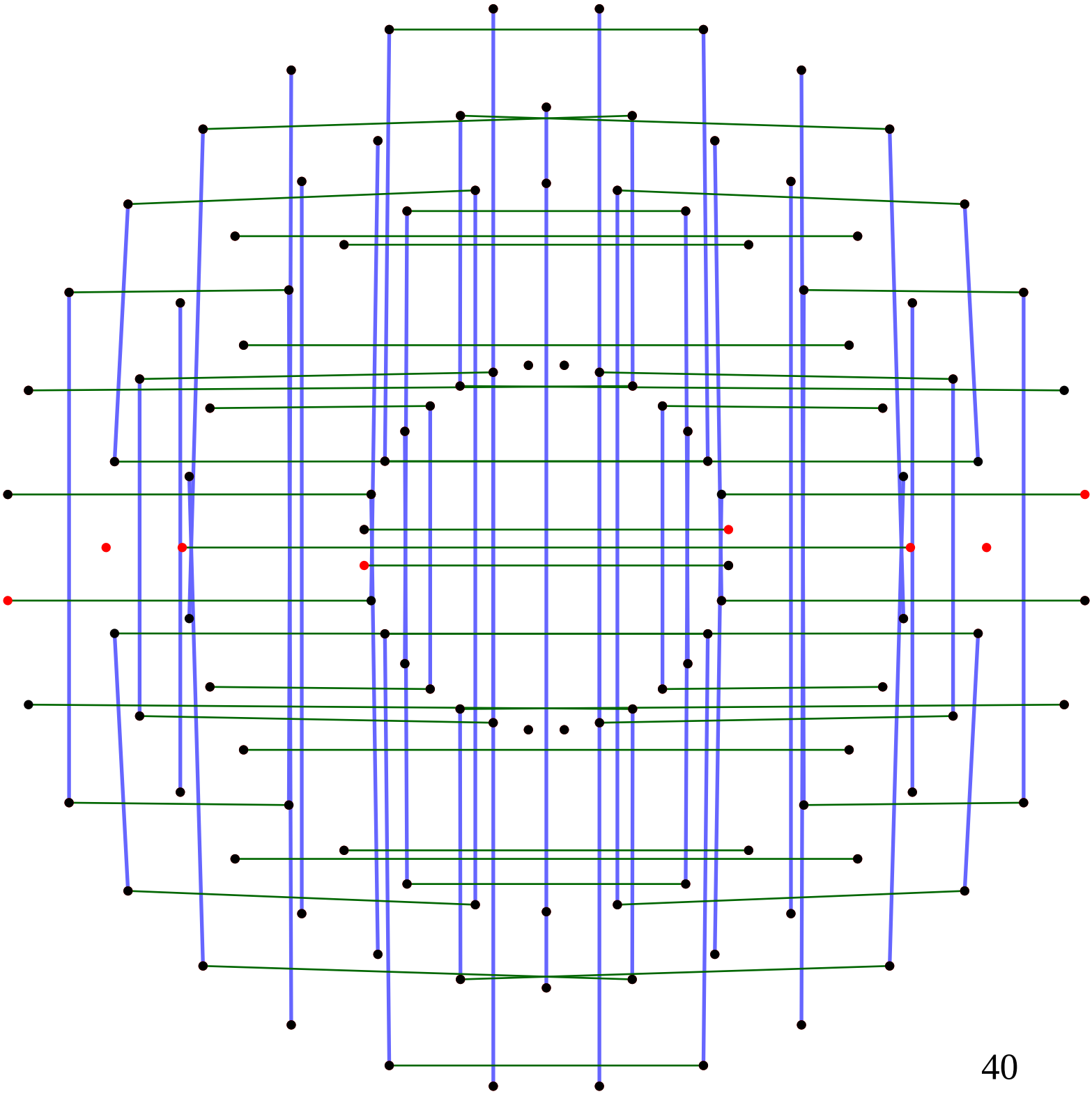
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 12123212143212132124321 21

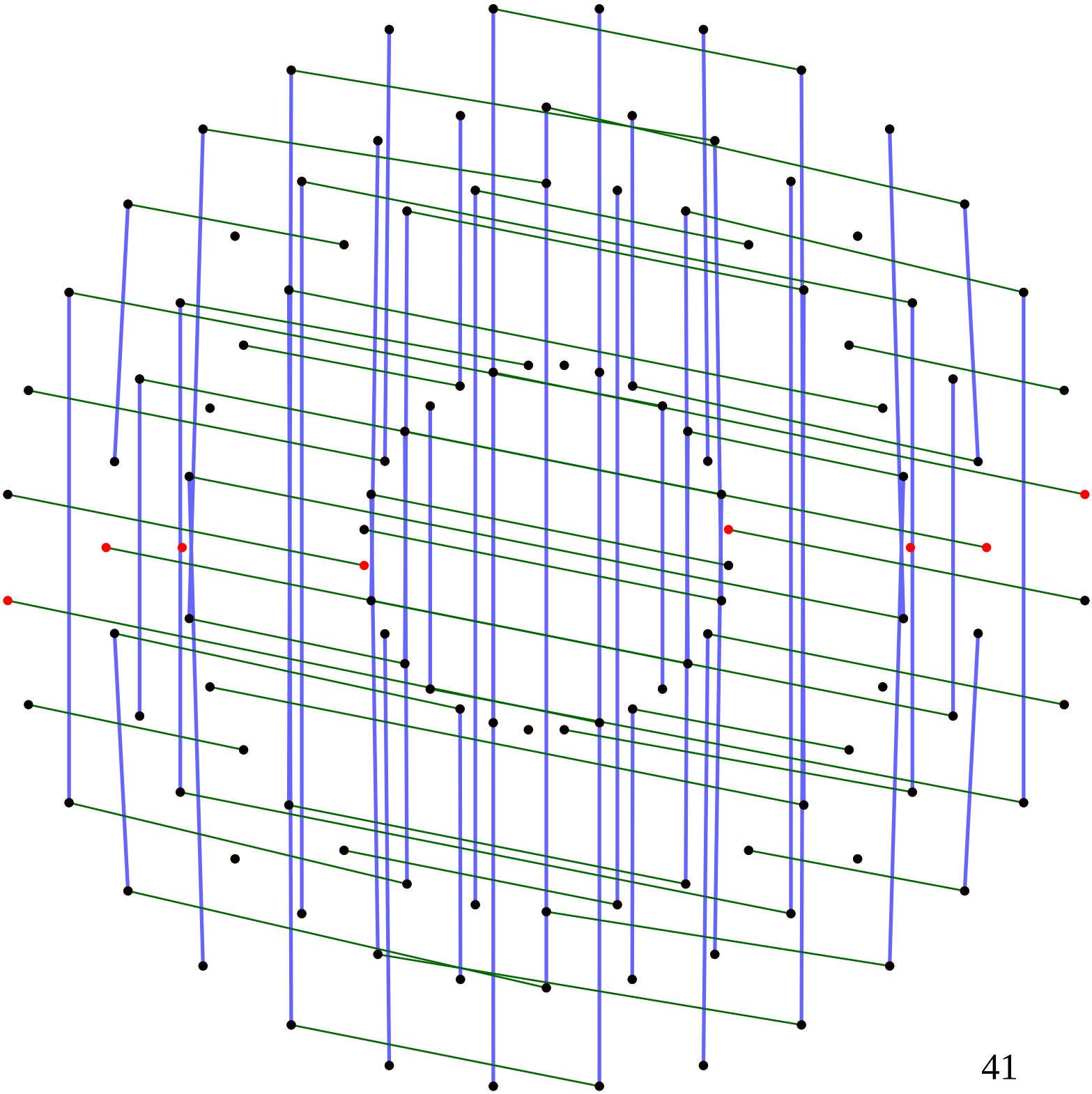
Incompatible [Degree 5.236068]



Negative root for generator 1.

Positive root for 34321213212343213212343

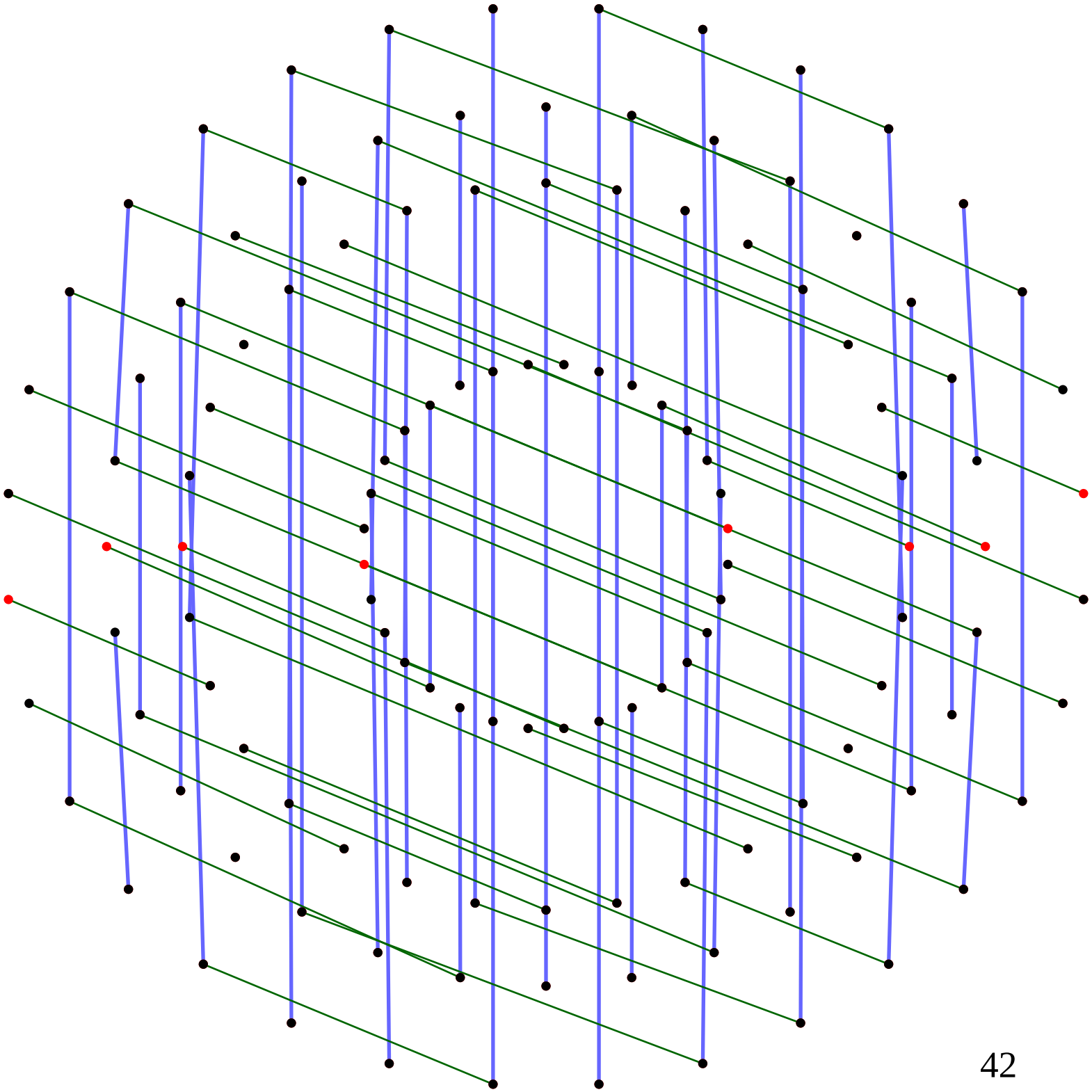
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 321213212343212132123

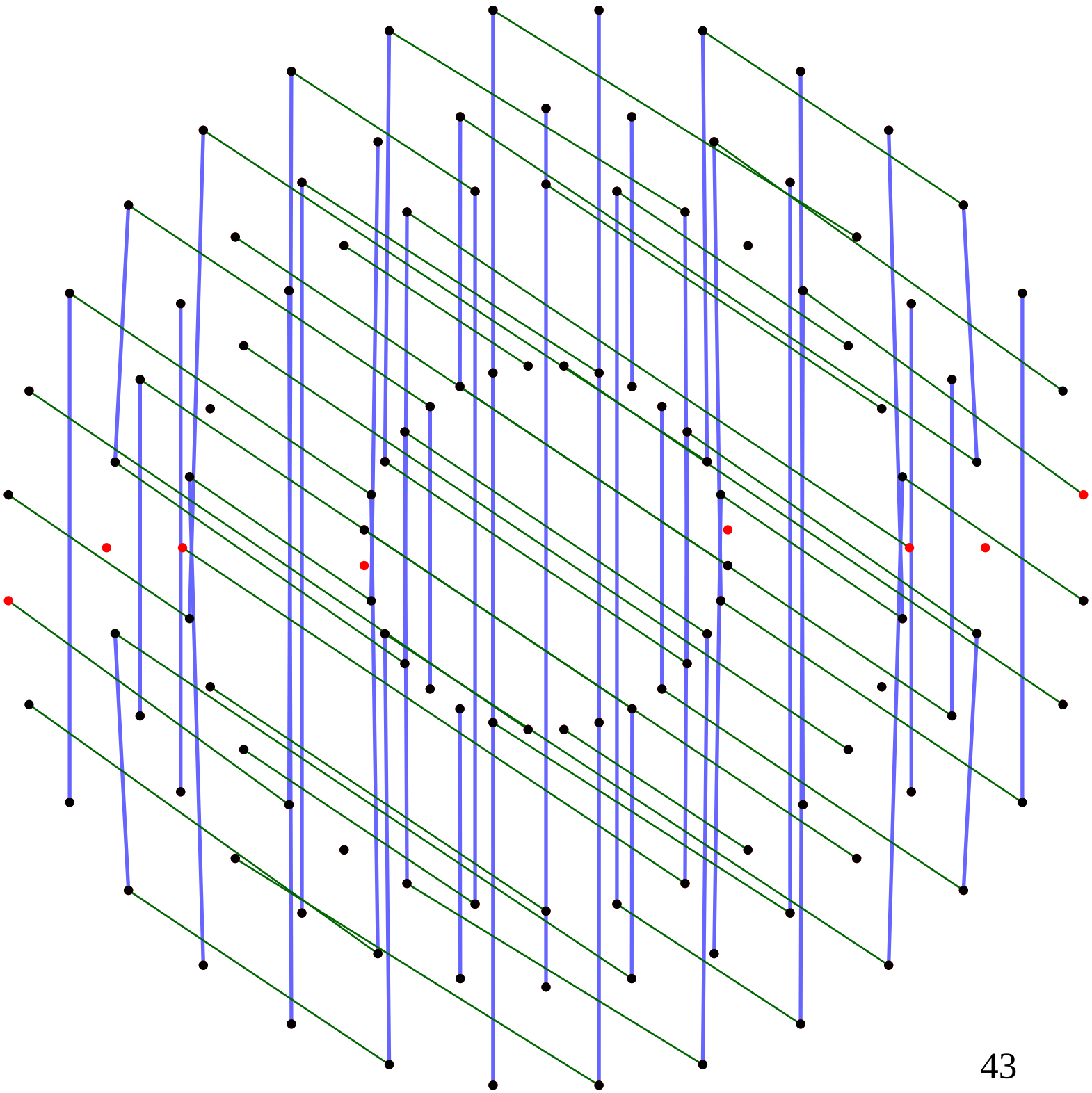
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 12132143212132143 21

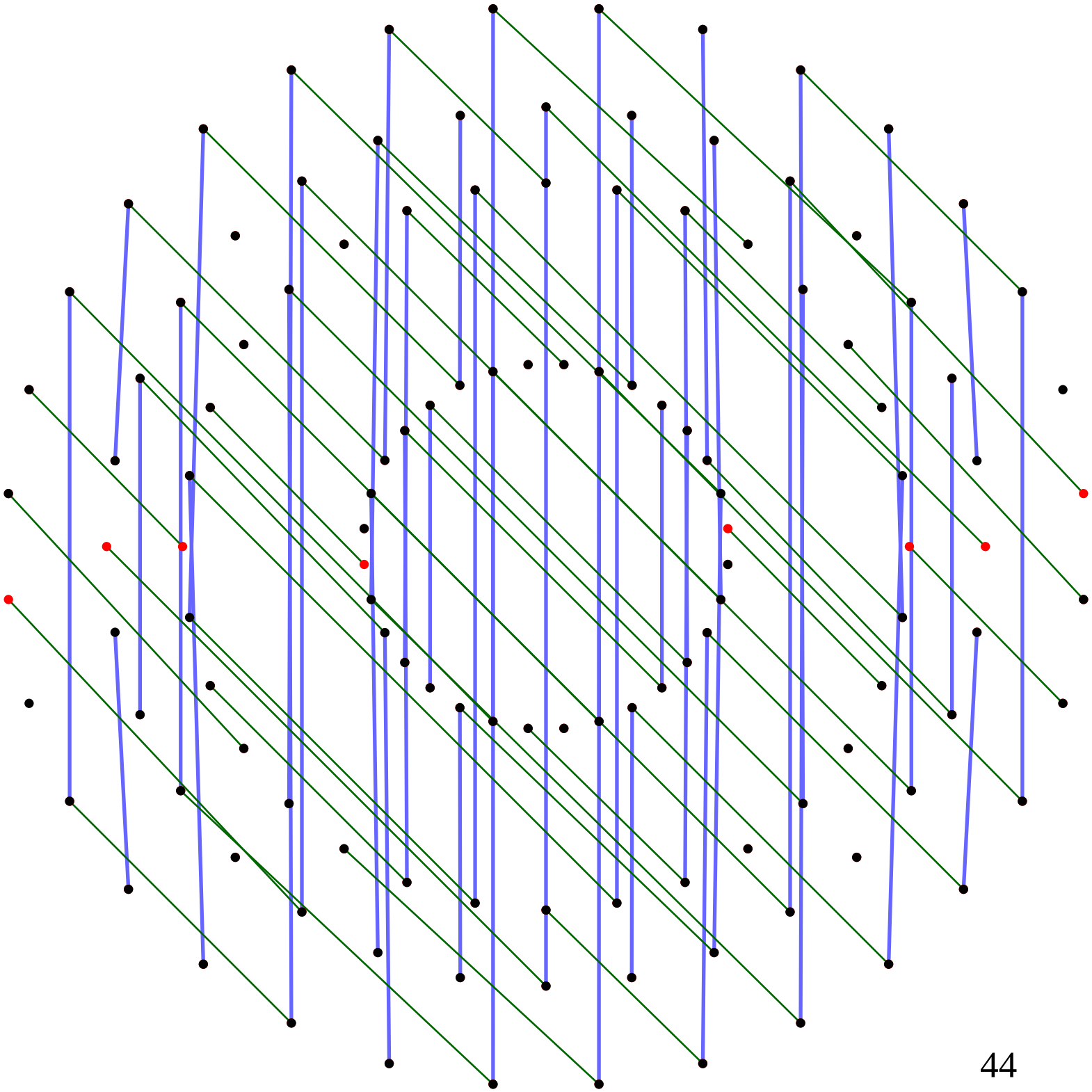
Incompatible [Degree 4.236068]



Negative root for generator 1.

Positive root for 32121432121321243

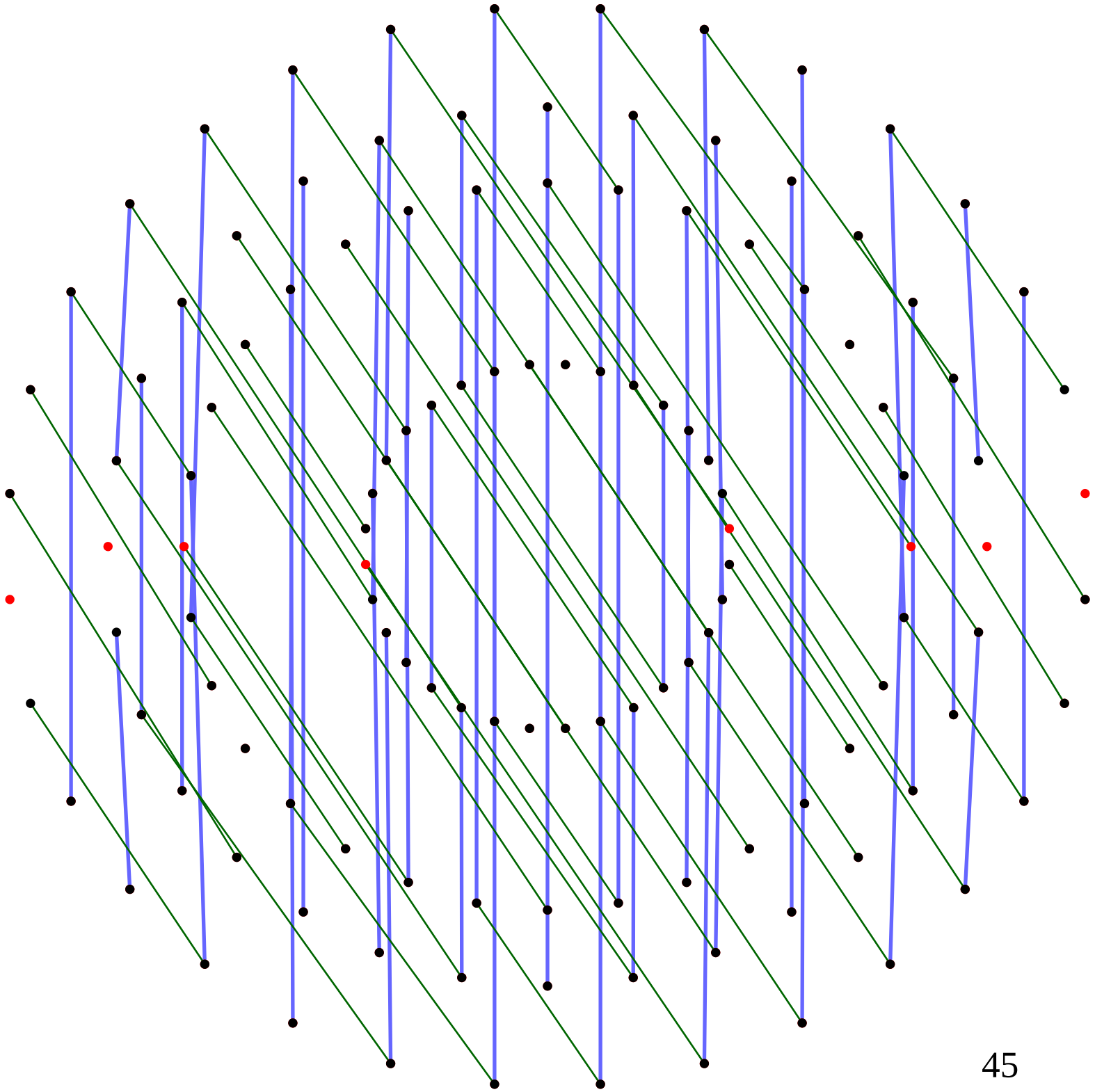
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 12132121321

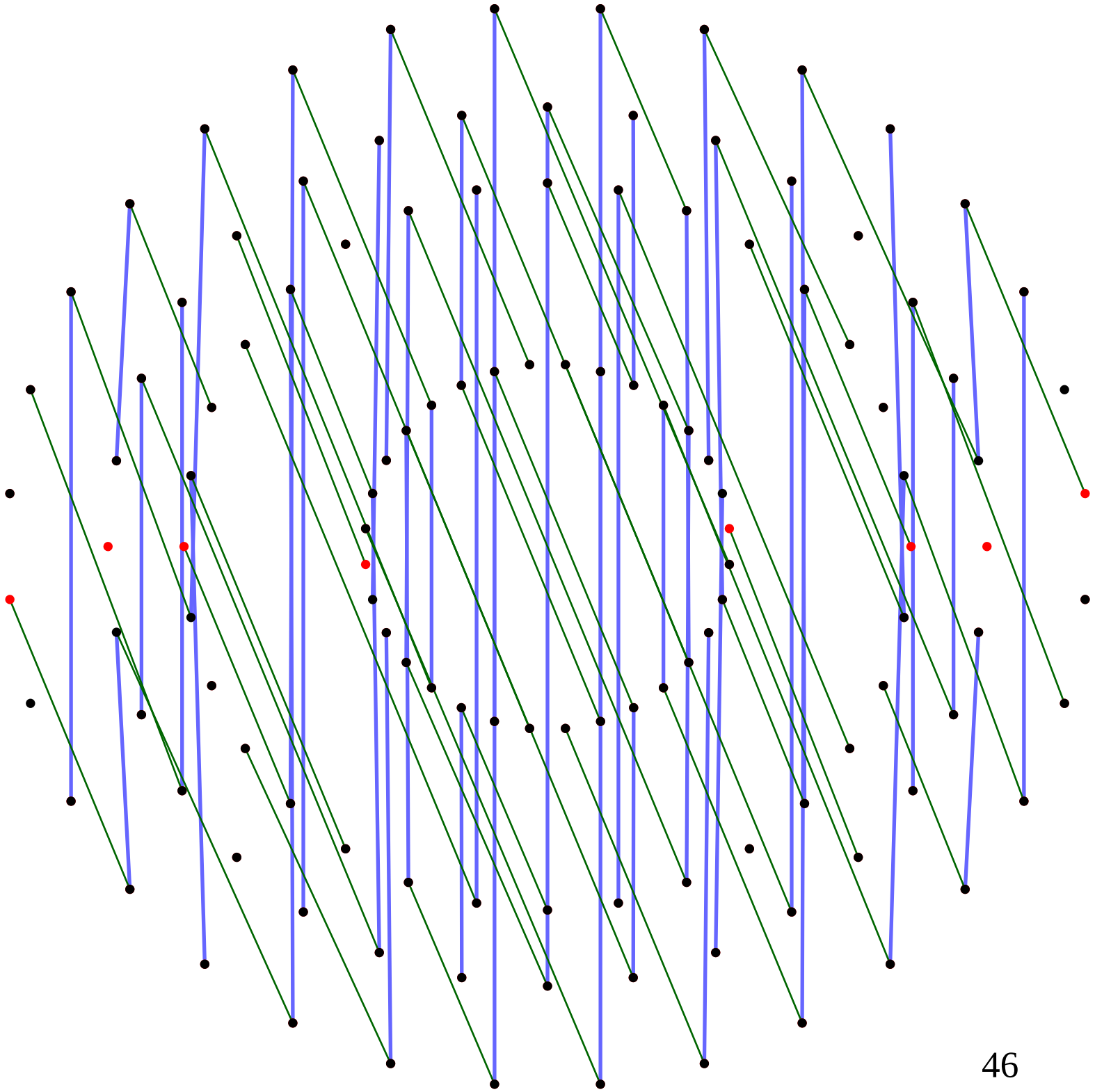
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 1234321

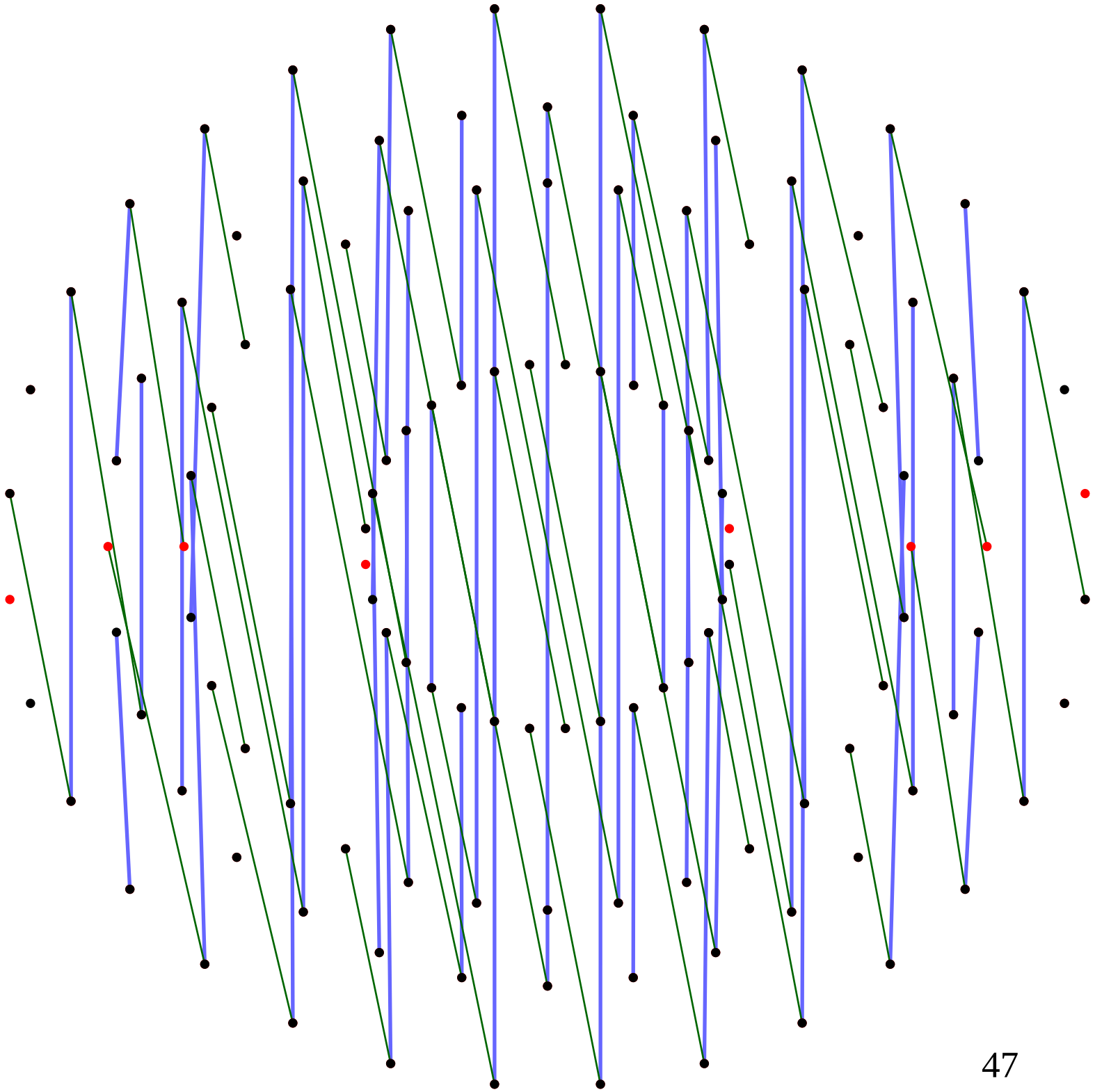
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 3

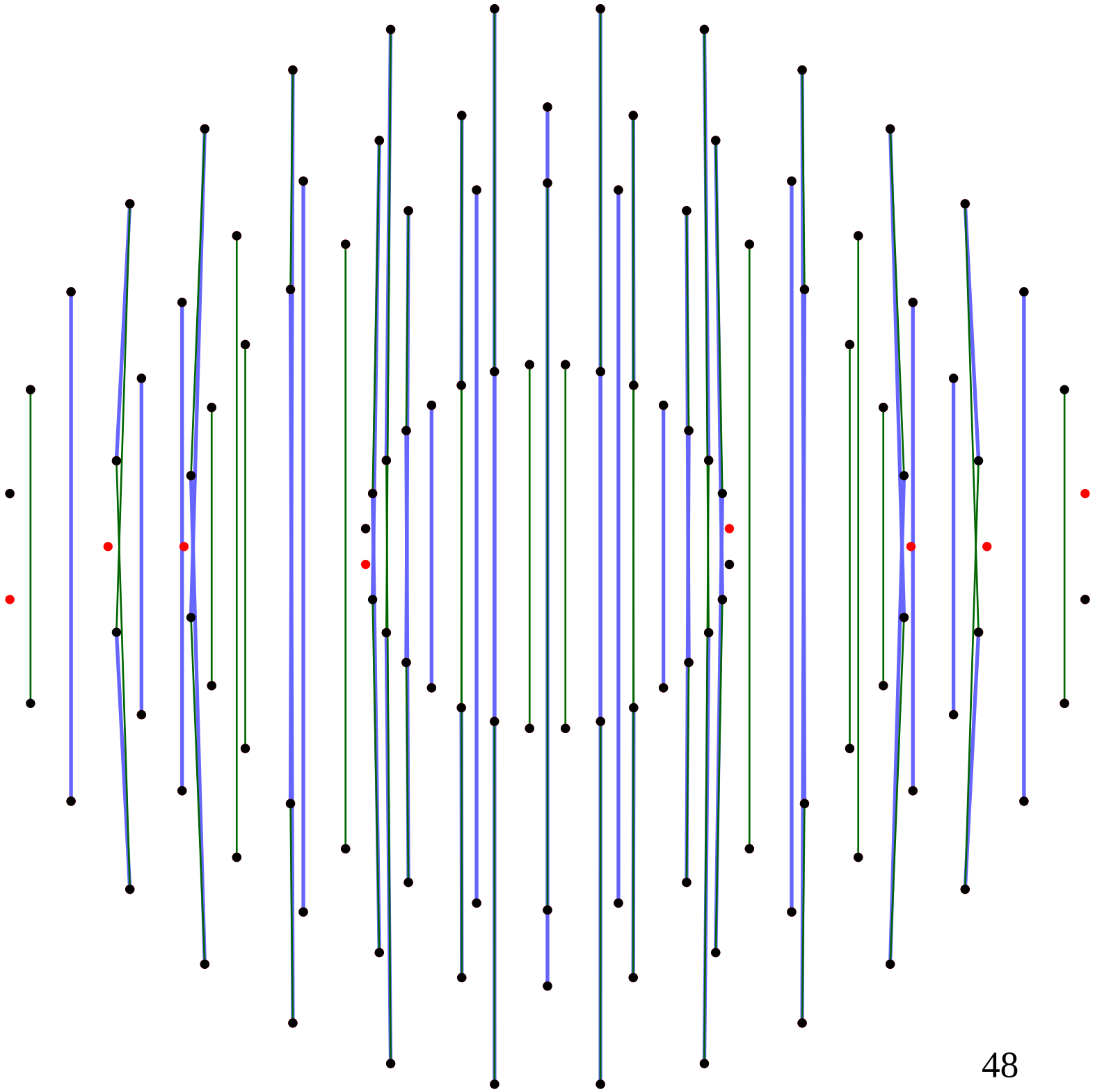
Compatible



Negative root for generator 1.

Negative root for generator 3.

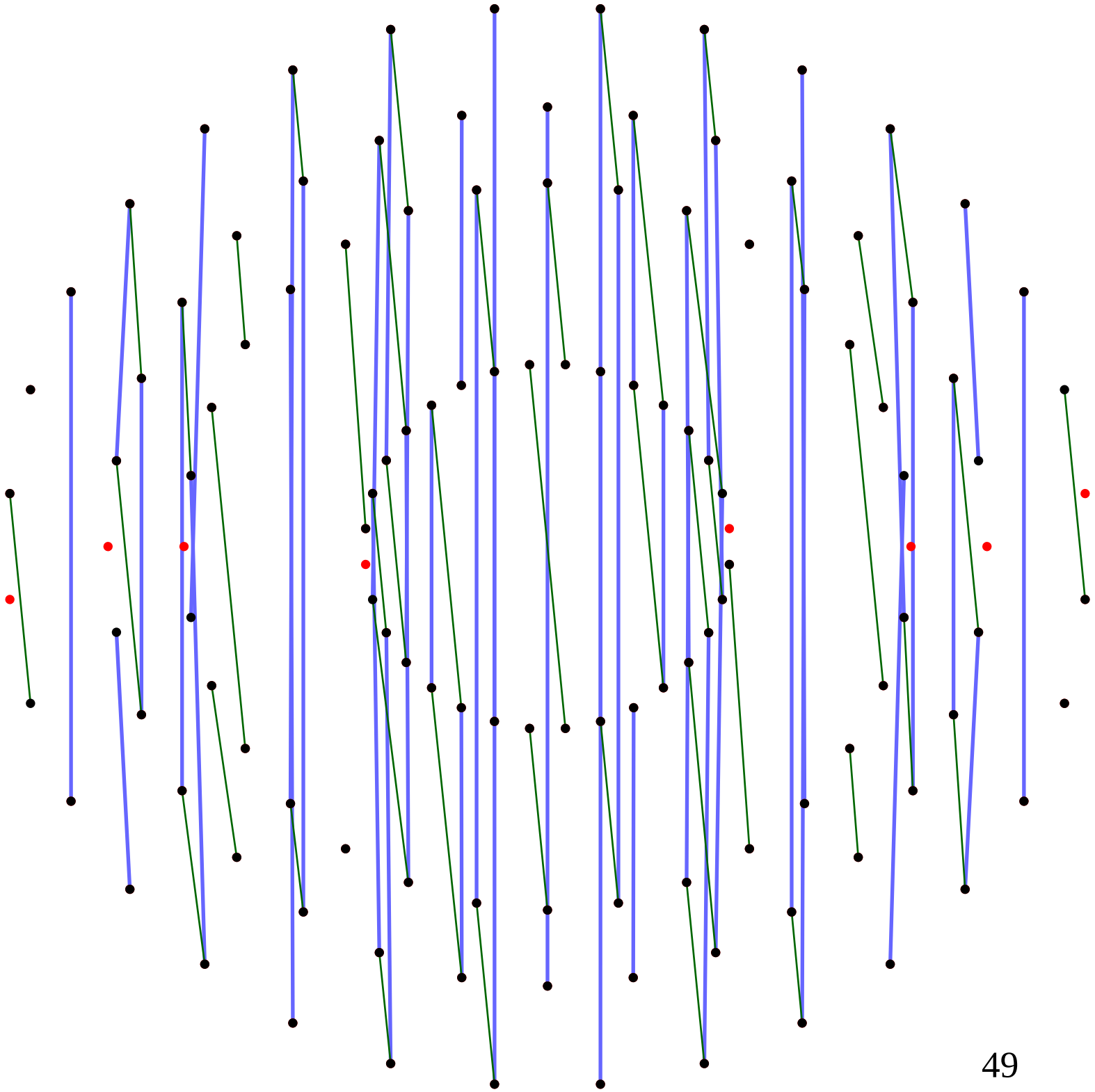
Compatible



Negative root for generator 1.

Negative root for generator 4.

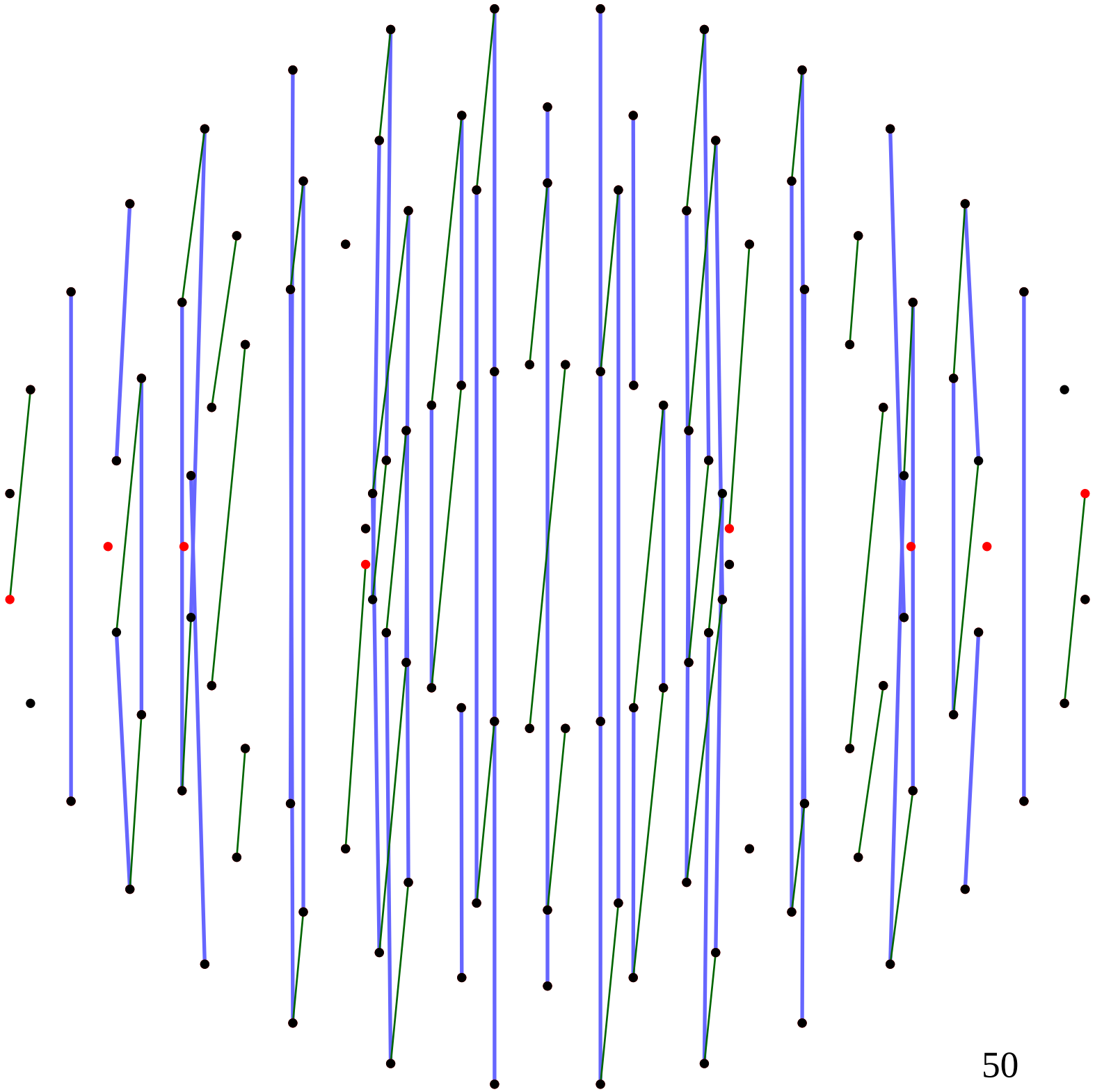
Compatible



Negative root for generator 1.

Positive root for 4

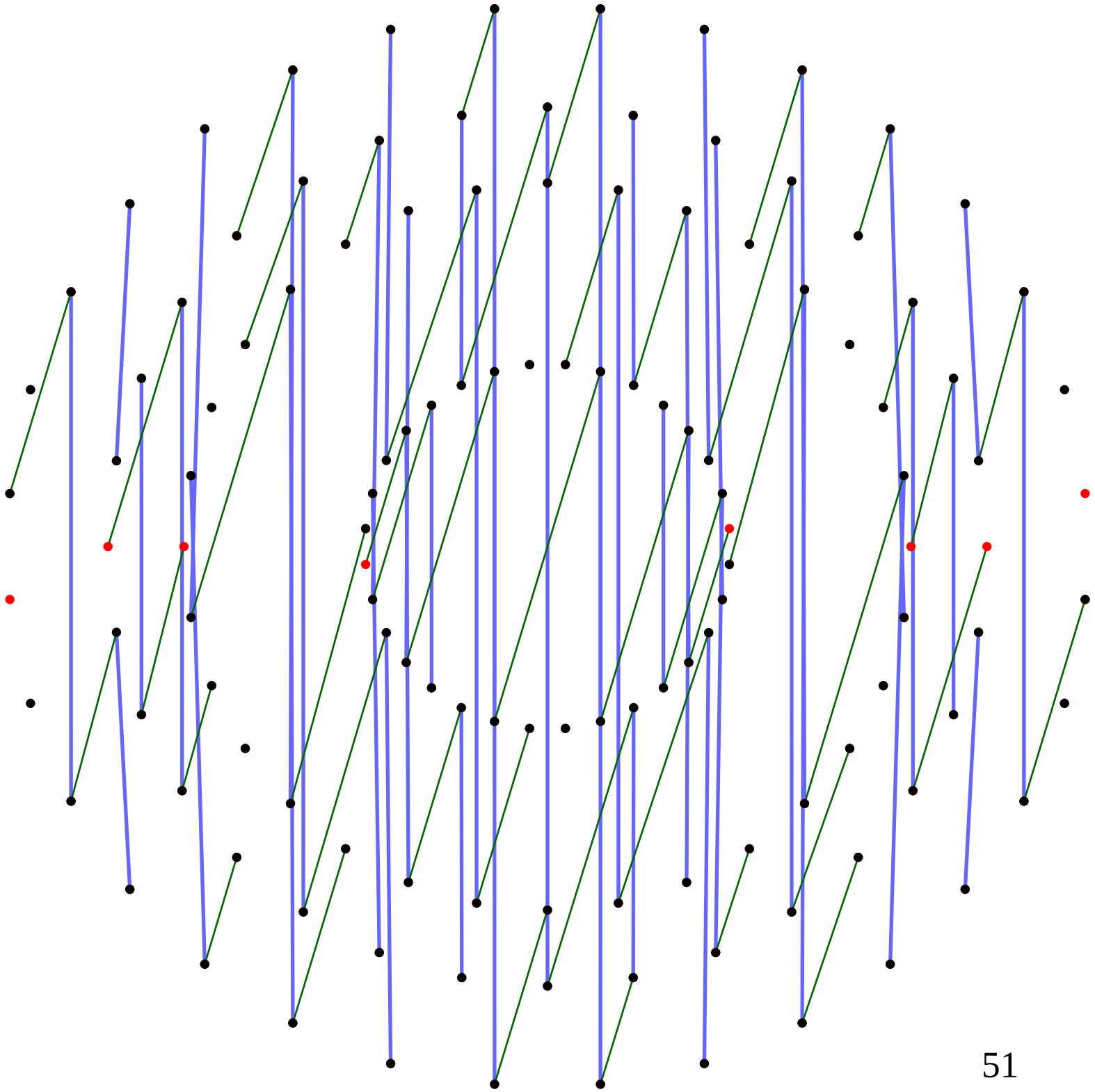
Compatible



Negative root for generator 1.

Positive root for 232

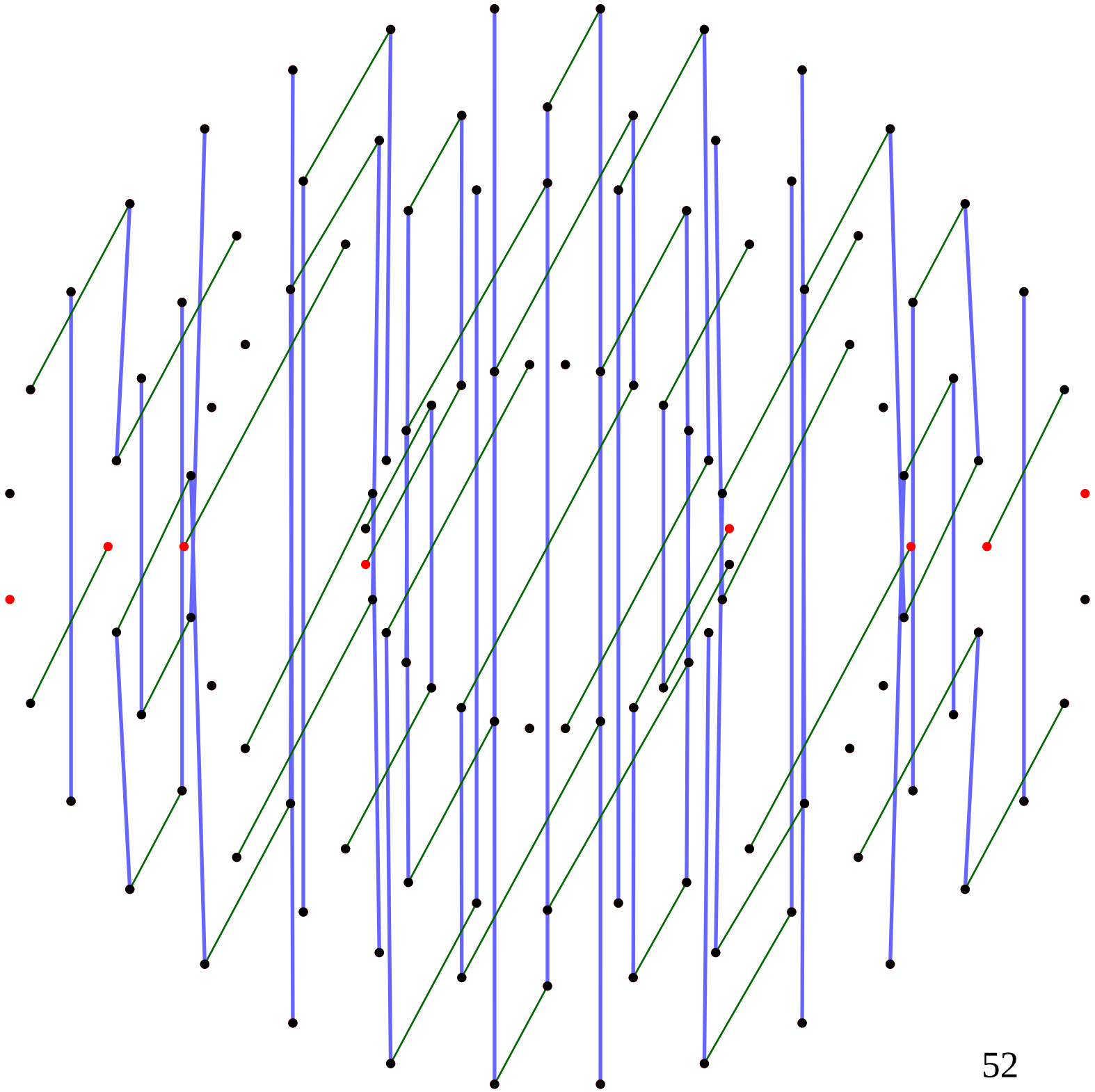
Compatible



Negative root for generator 1.

Positive root for 12121

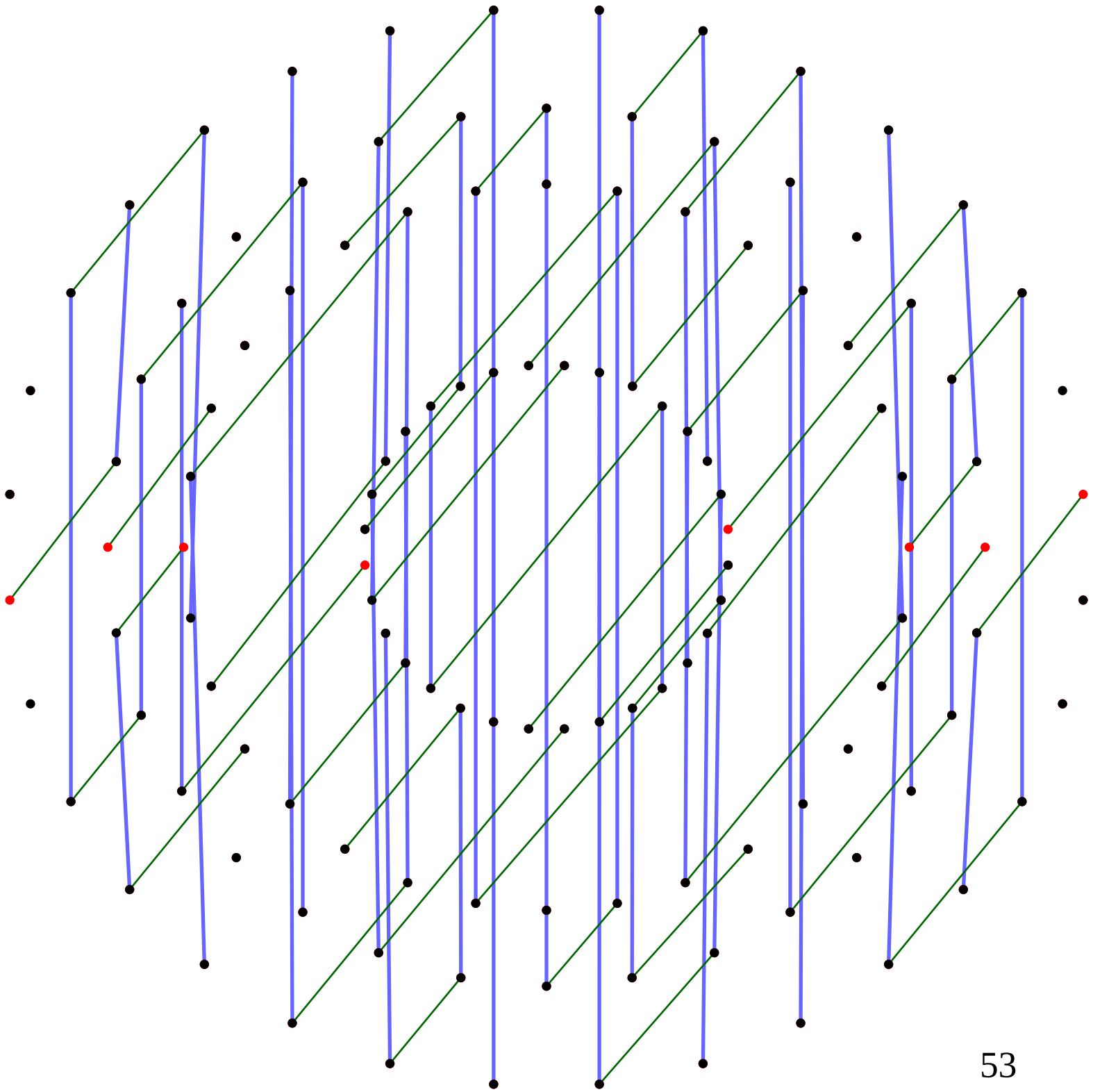
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 4321234

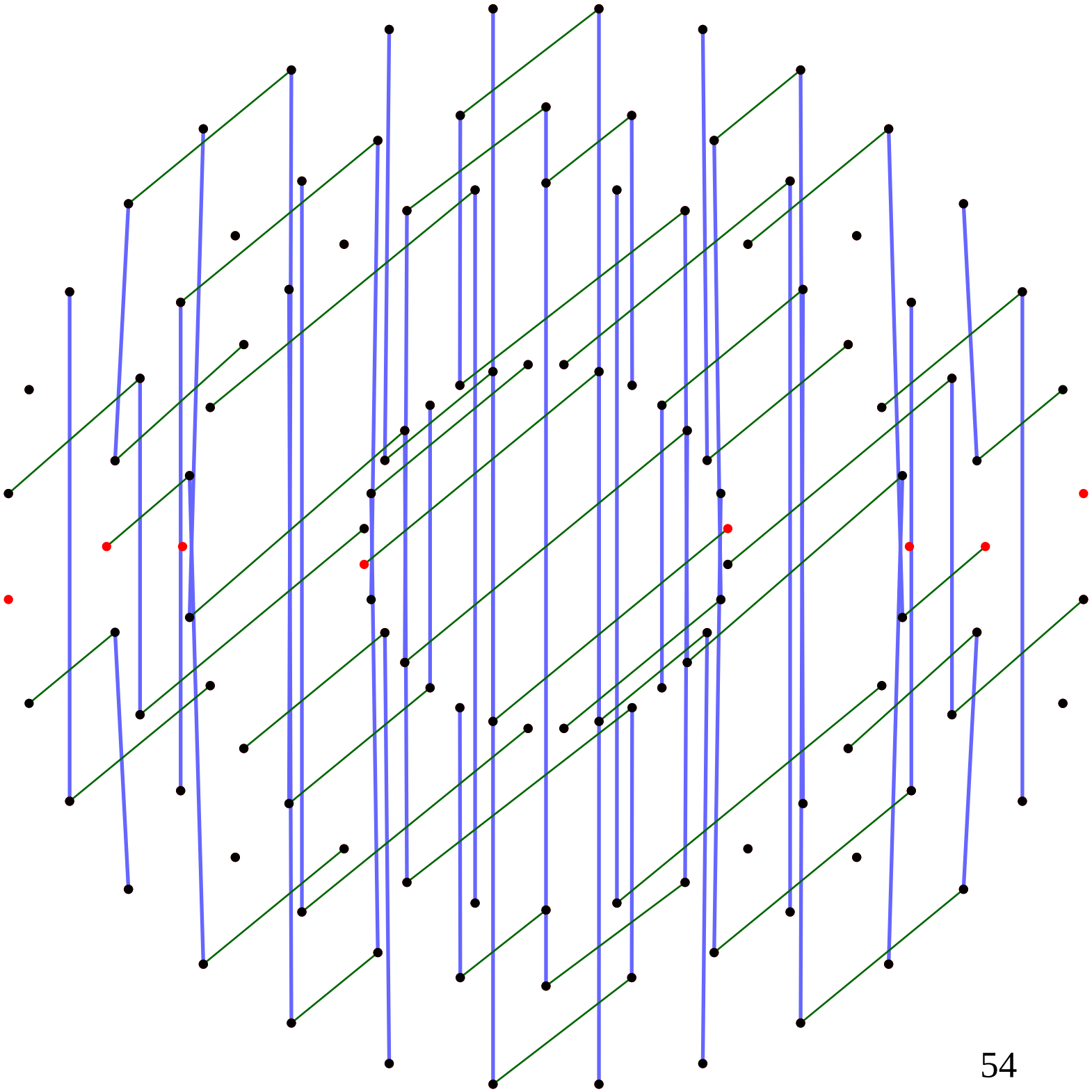
Incompatible [Degree 1]



Negative root for generator 1.

Positive root for 213212132

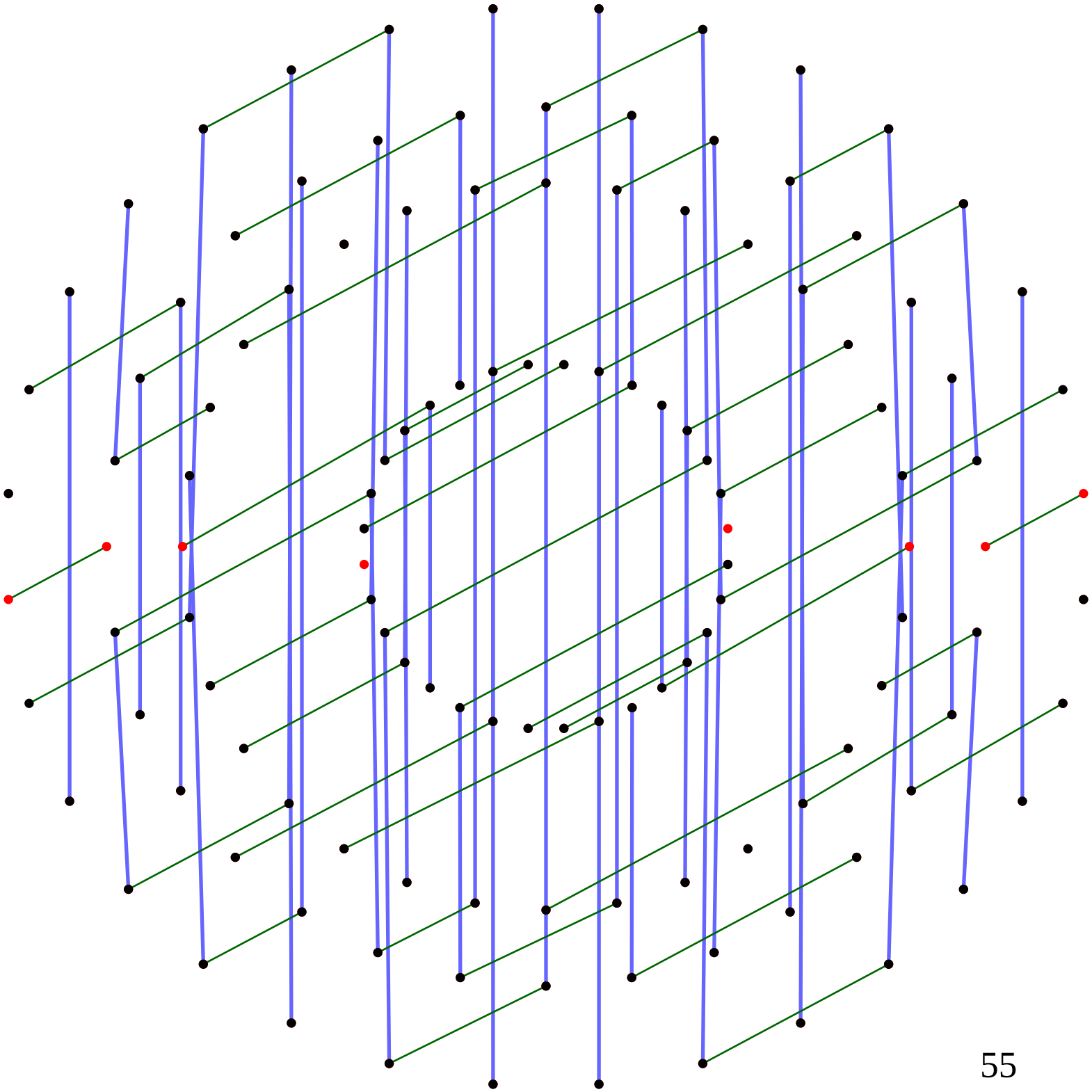
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 12123432121

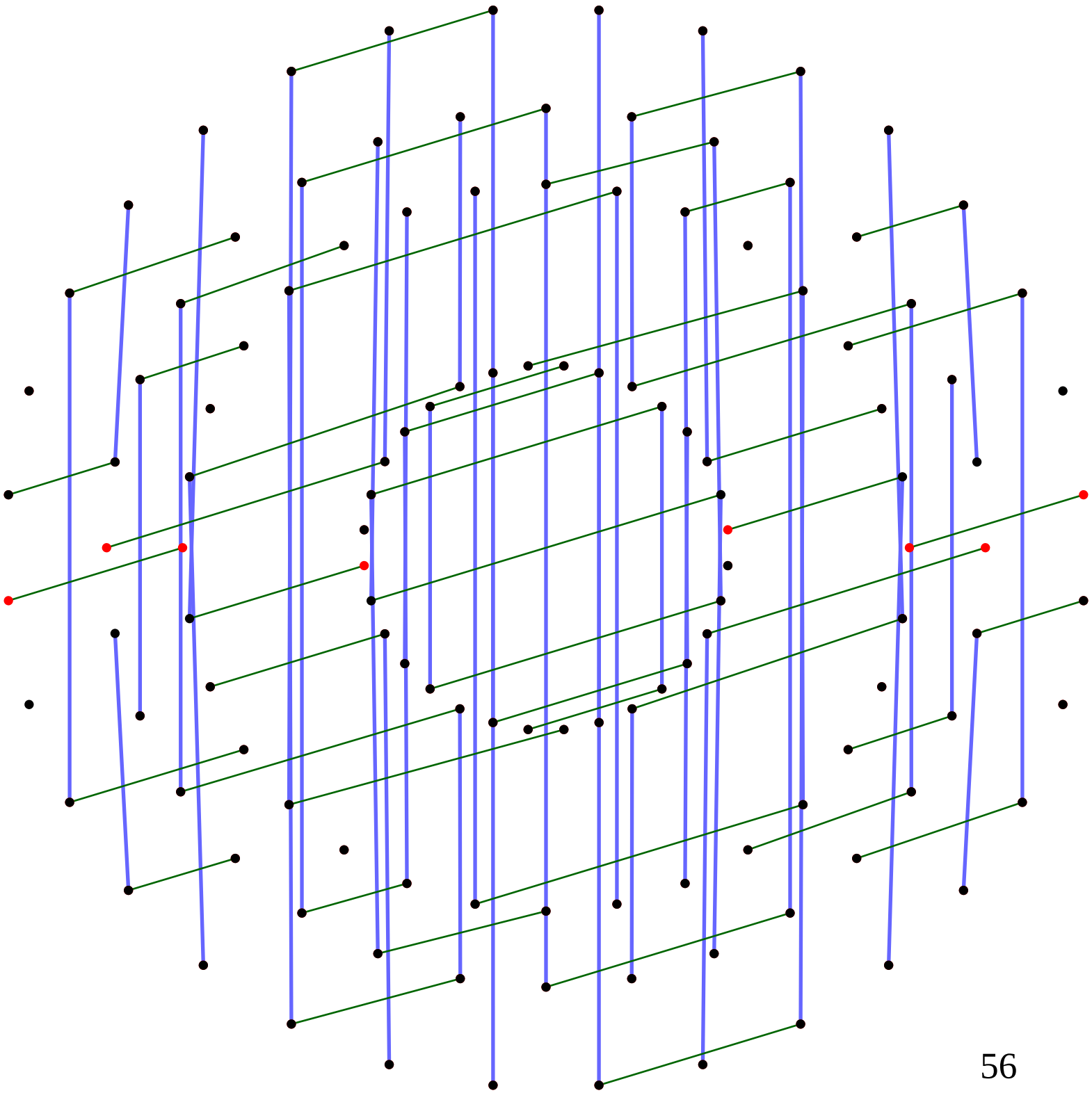
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 3214321213243

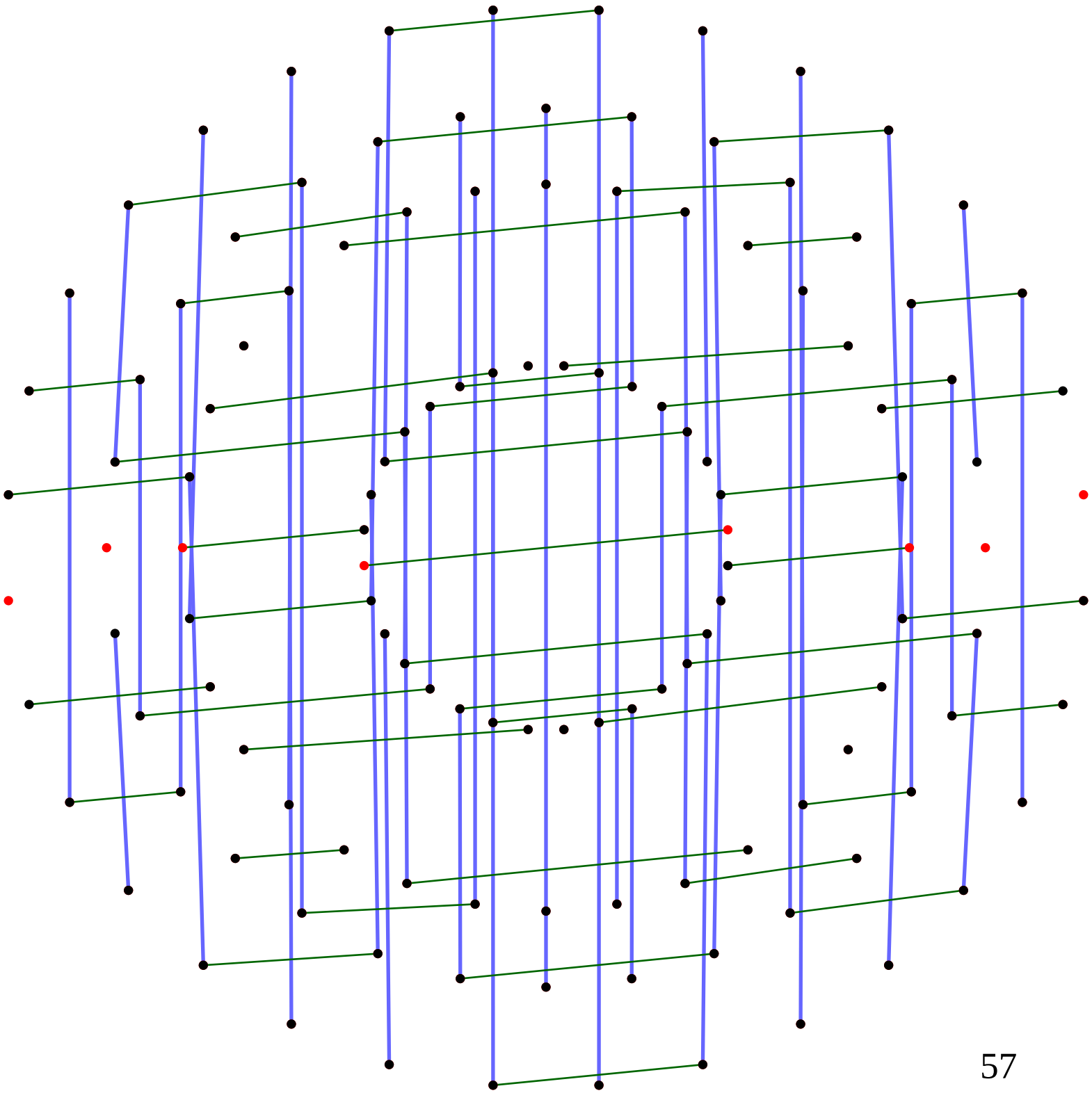
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 2121321213212

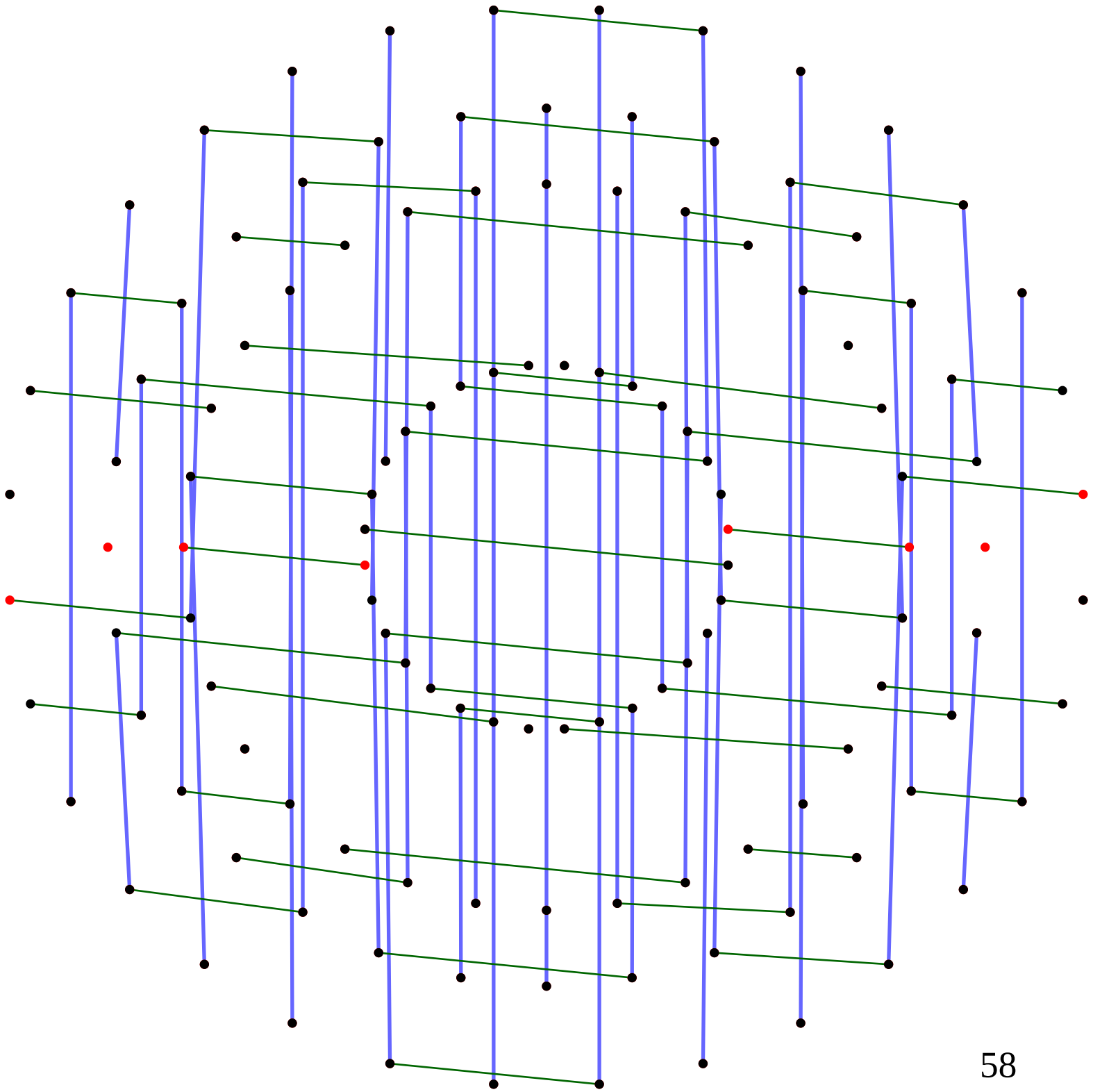
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 1214321213214

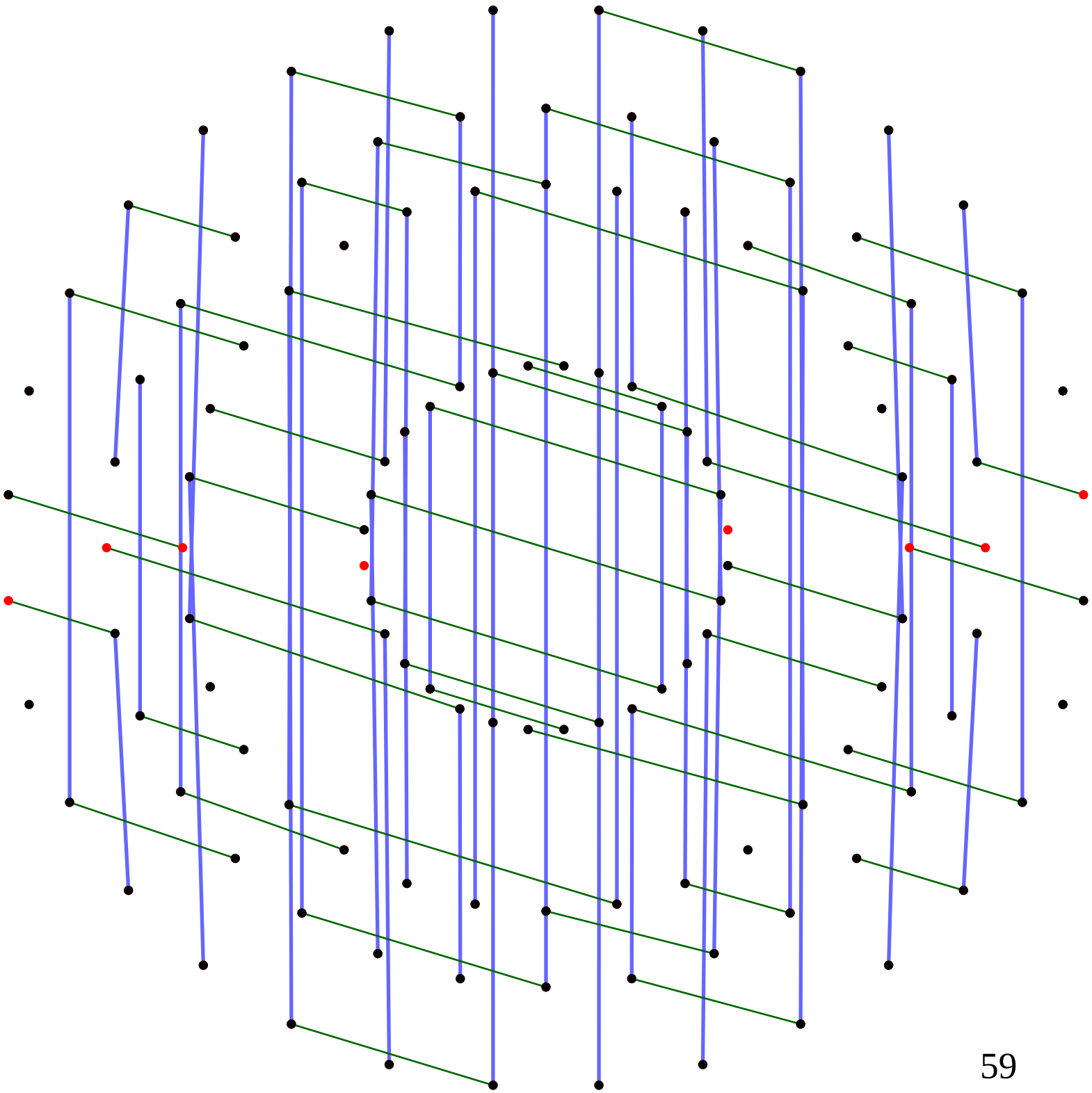
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 32123432123

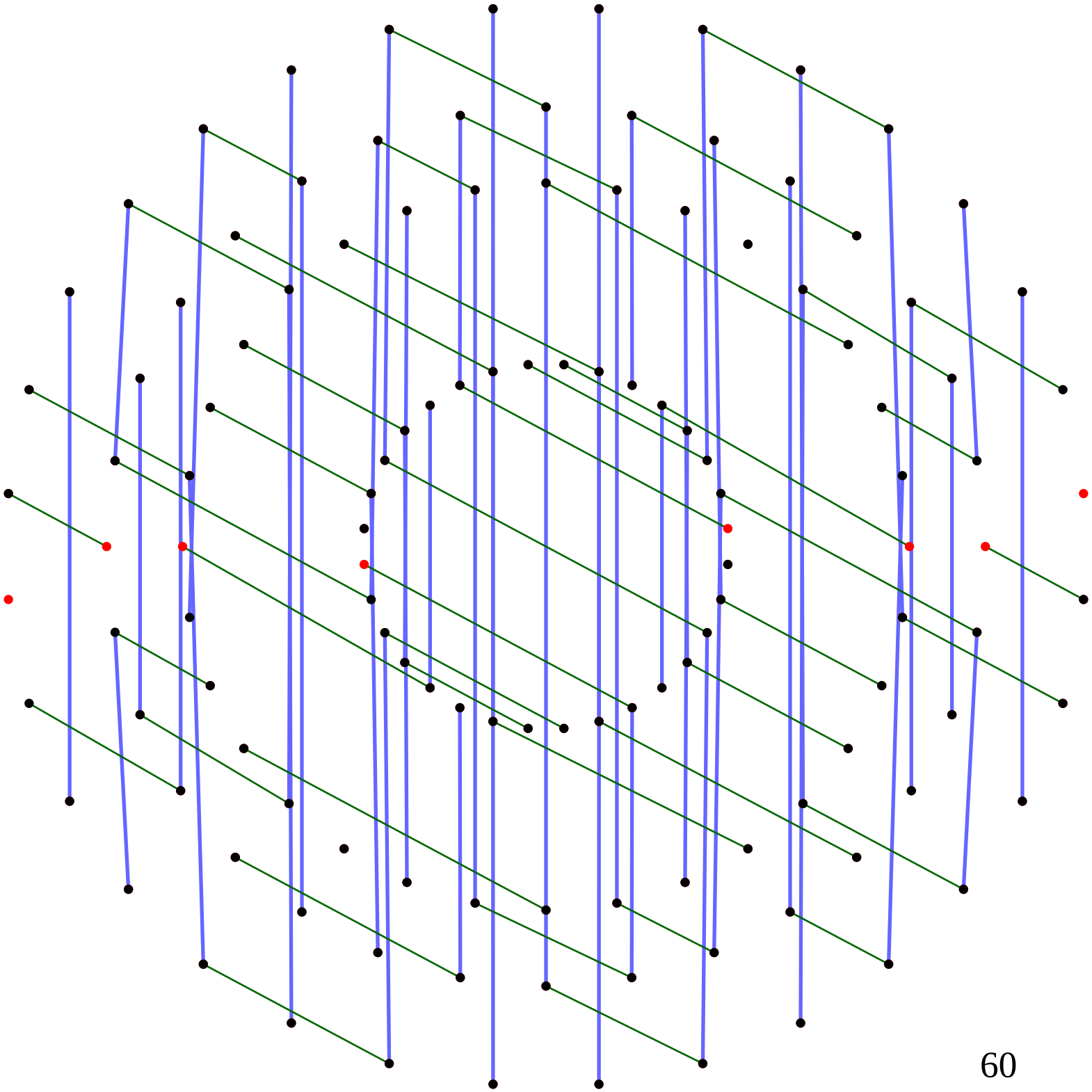
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 121232121

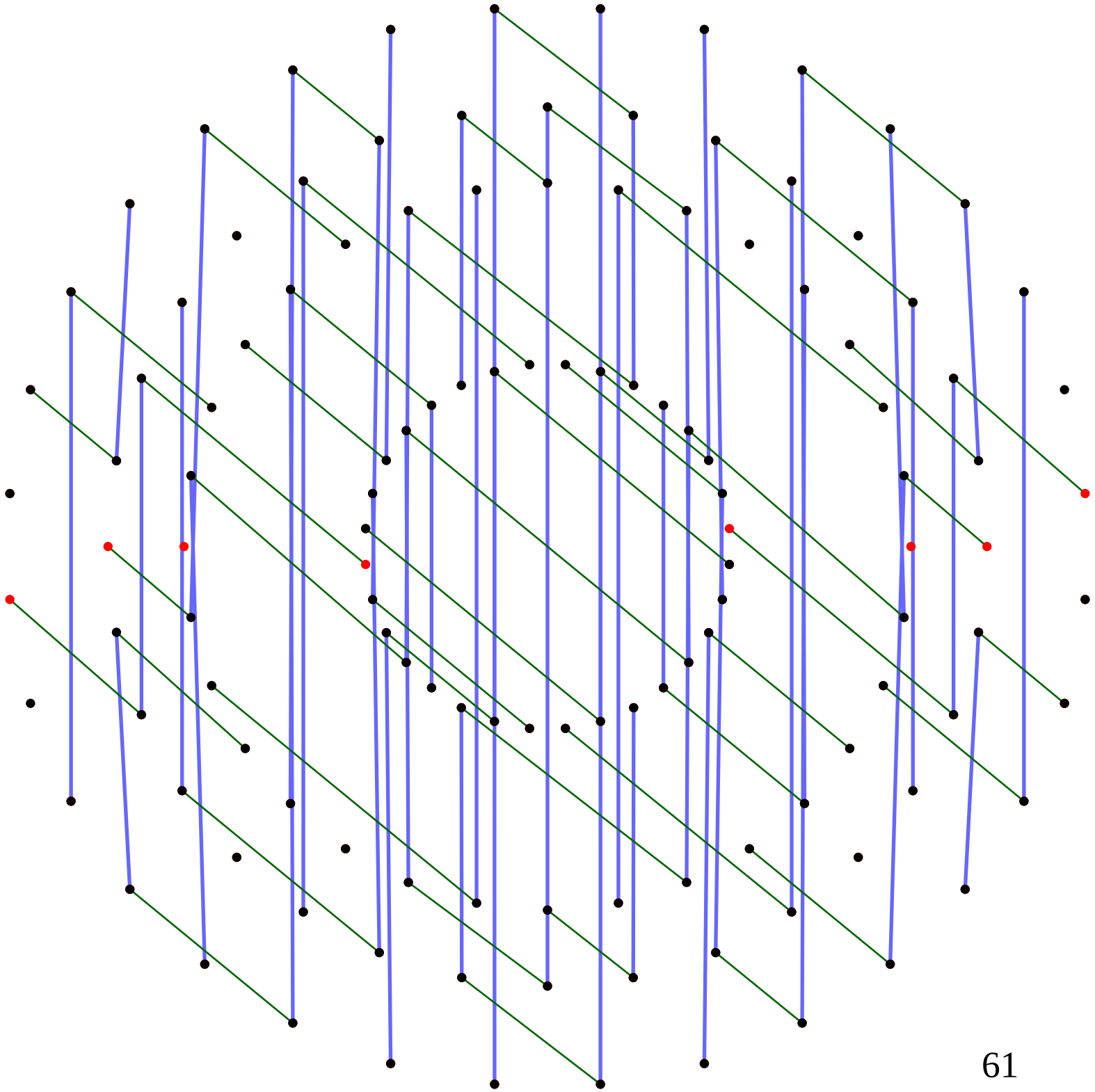
Incompatible [Degree 2.618034]



Negative root for generator 1.

Positive root for 143212134

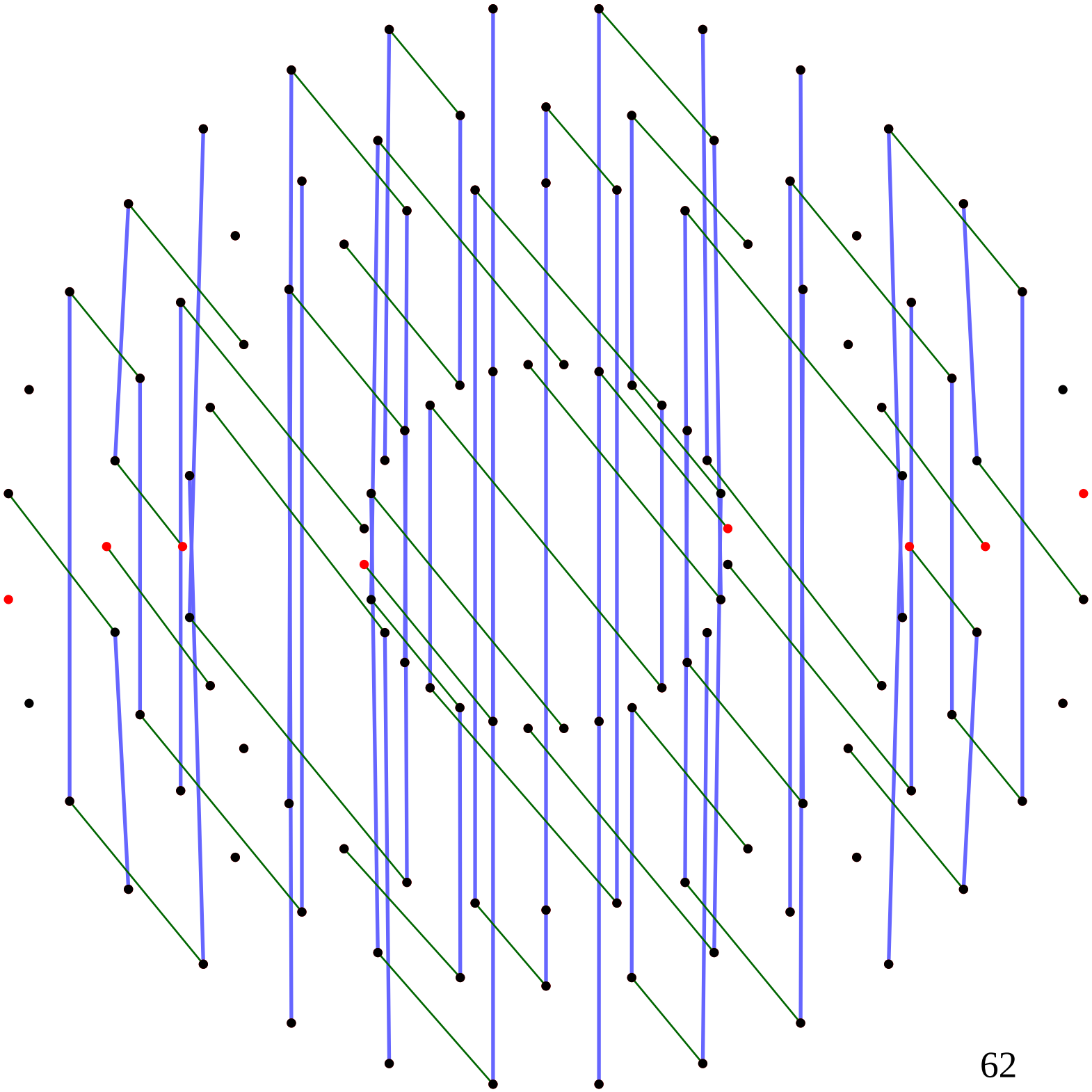
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 32123

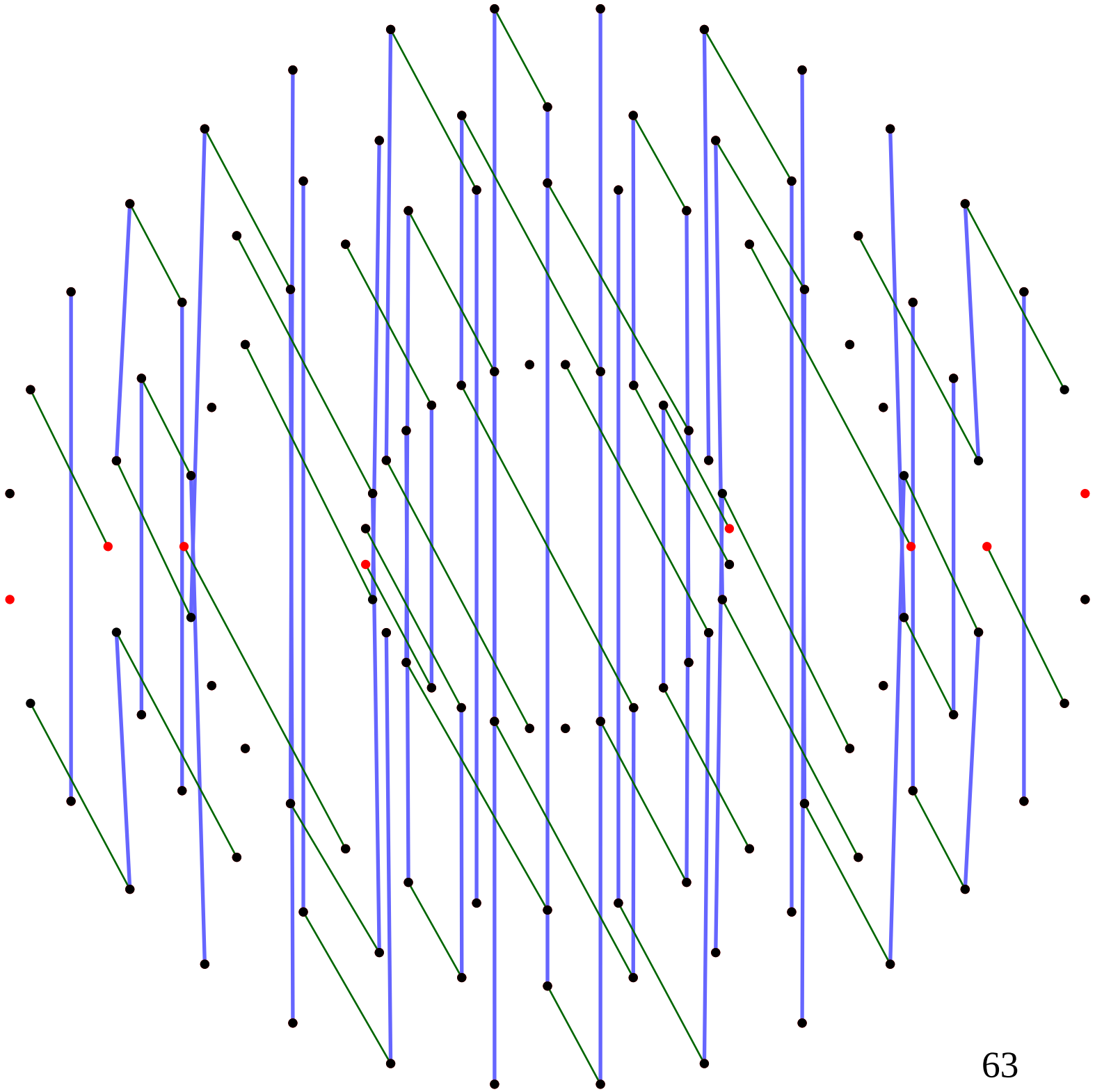
Incompatible [Degree 1]



Negative root for generator 1.

Positive root for 121

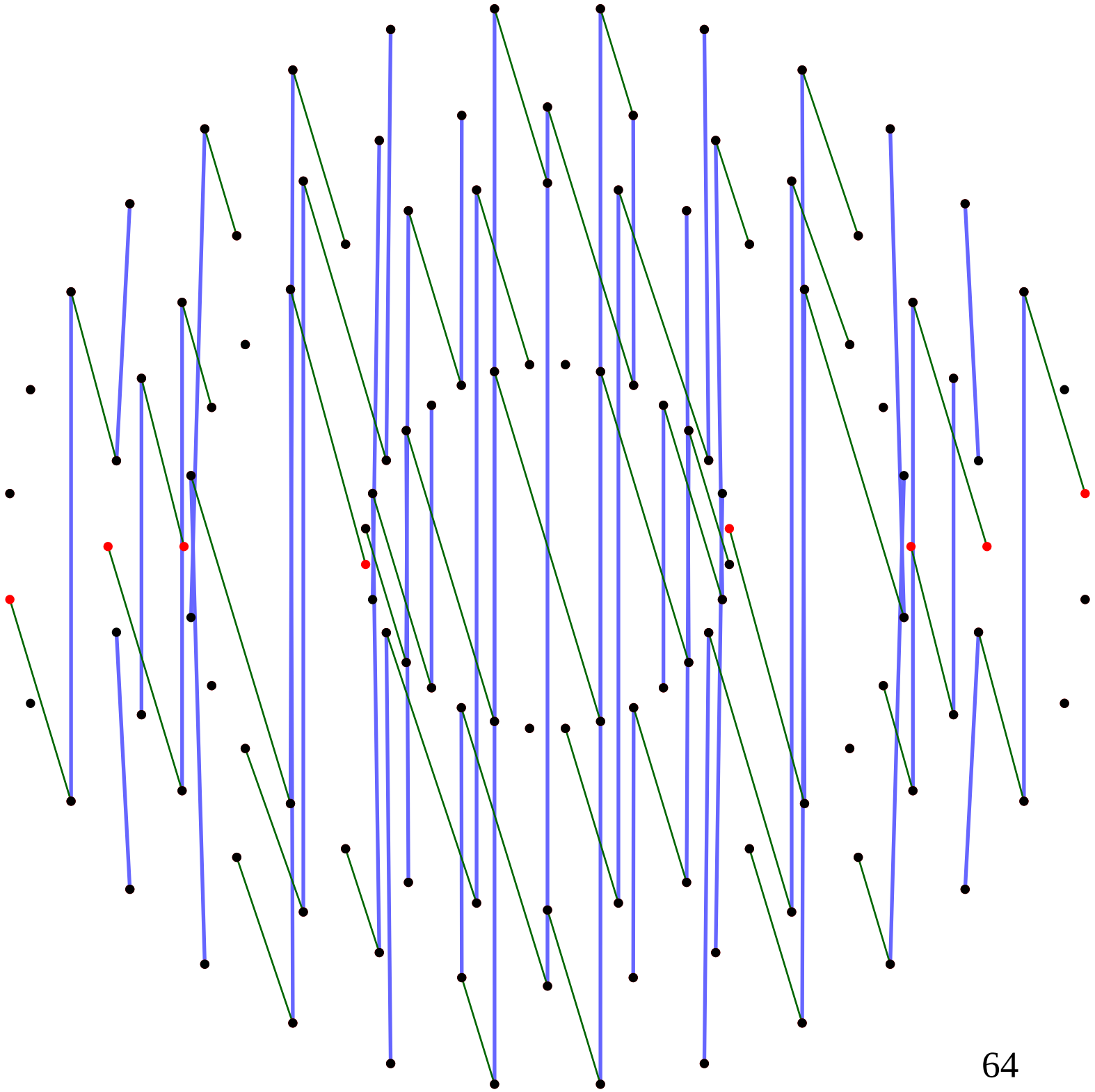
Incompatible [Degree 1.618034]



Negative root for generator 1.

Positive root for 343

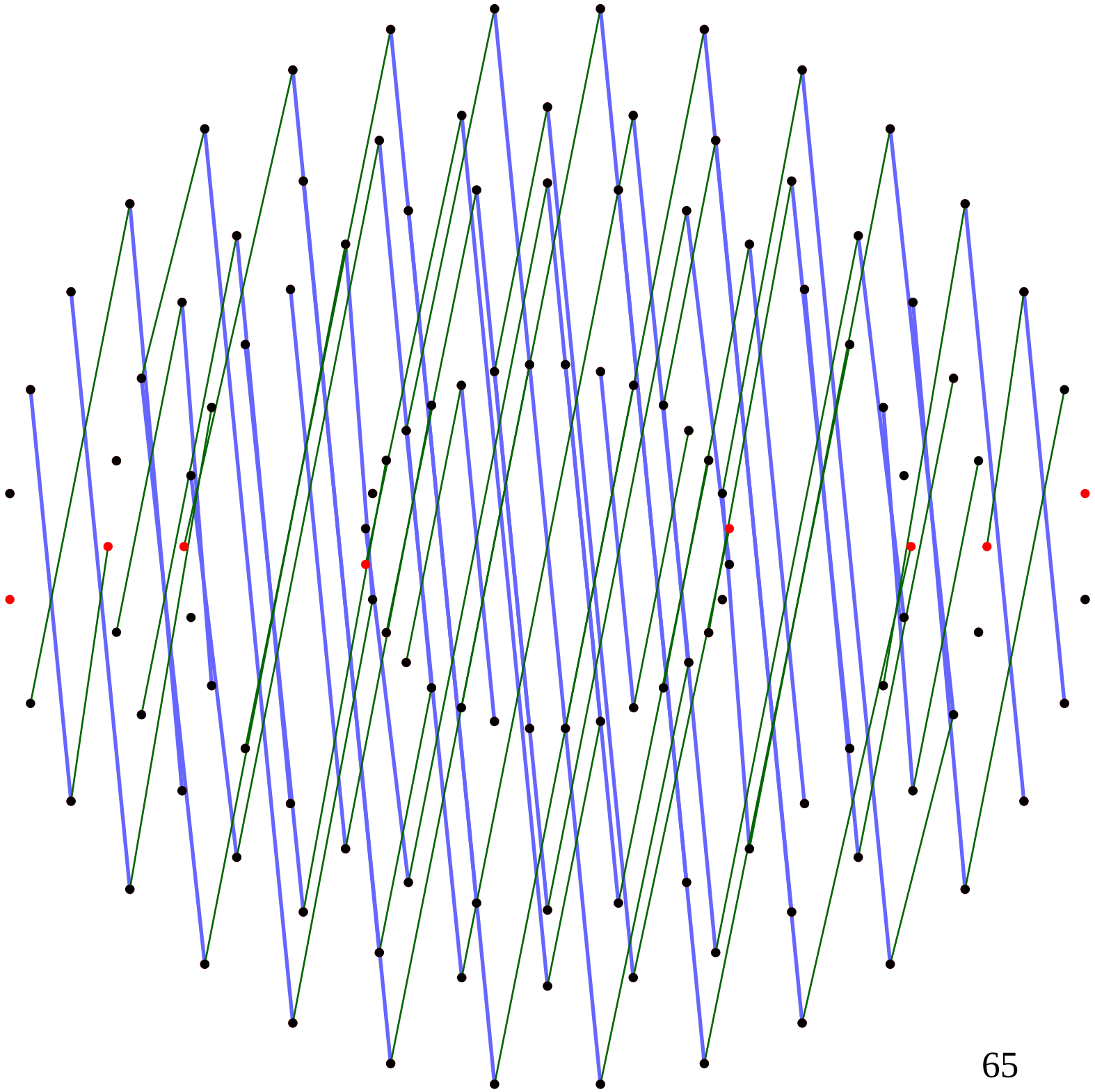
Compatible



Negative root for generator 2.

Positive root for 212

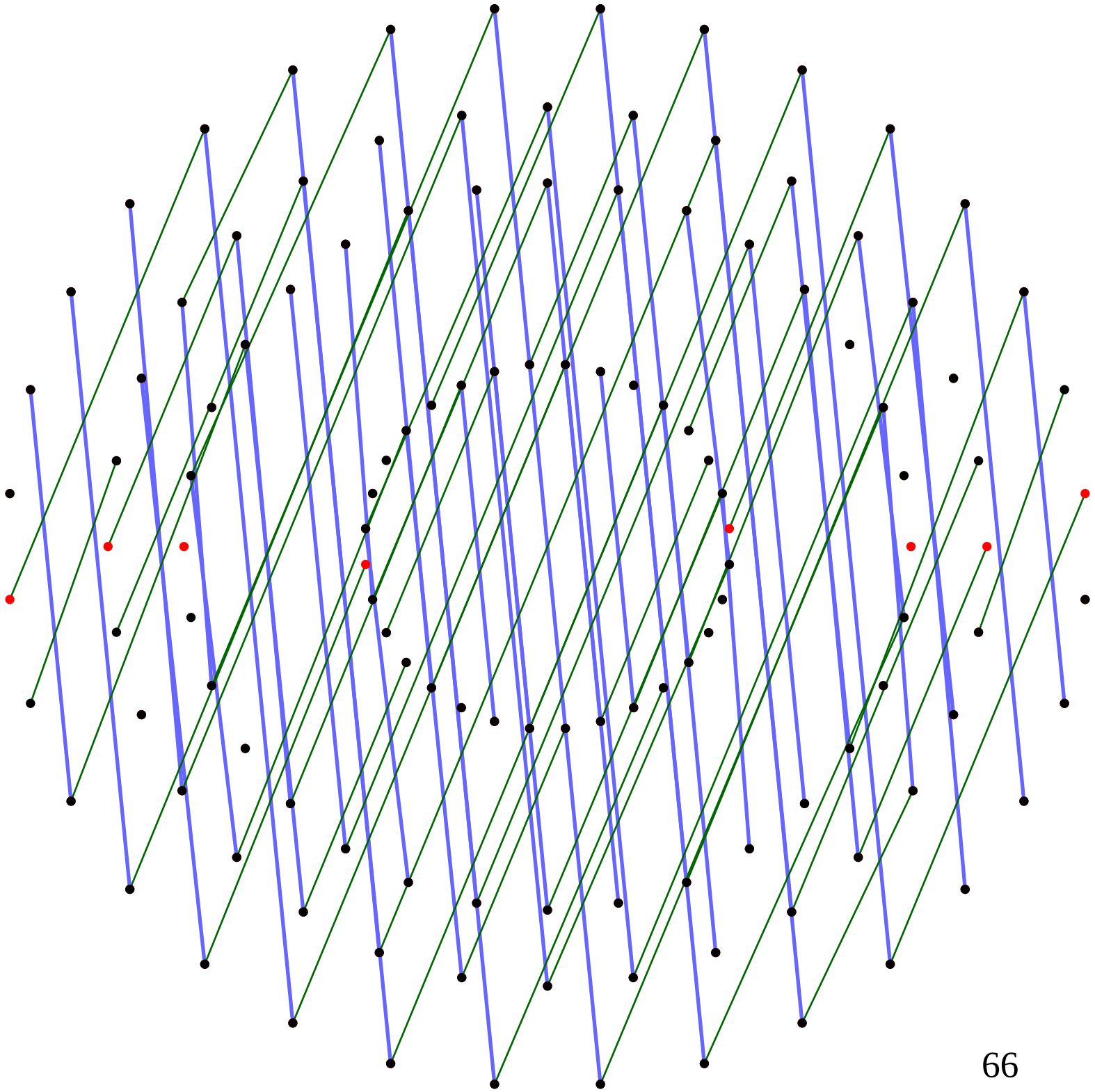
Incompatible [Degree 1.618034]



Negative root for generator 2.

Positive root for 21432121324

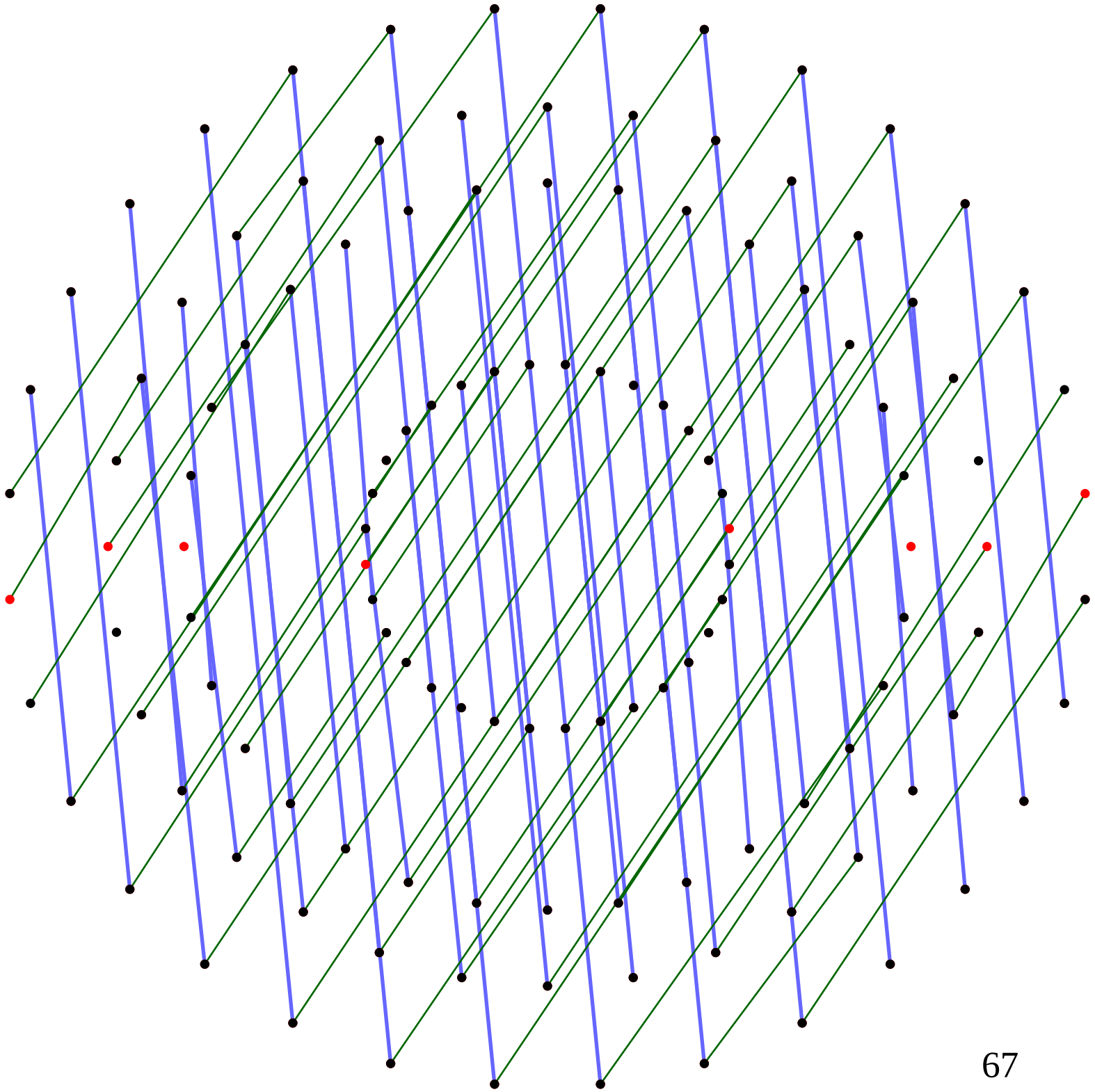
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 213212343212132

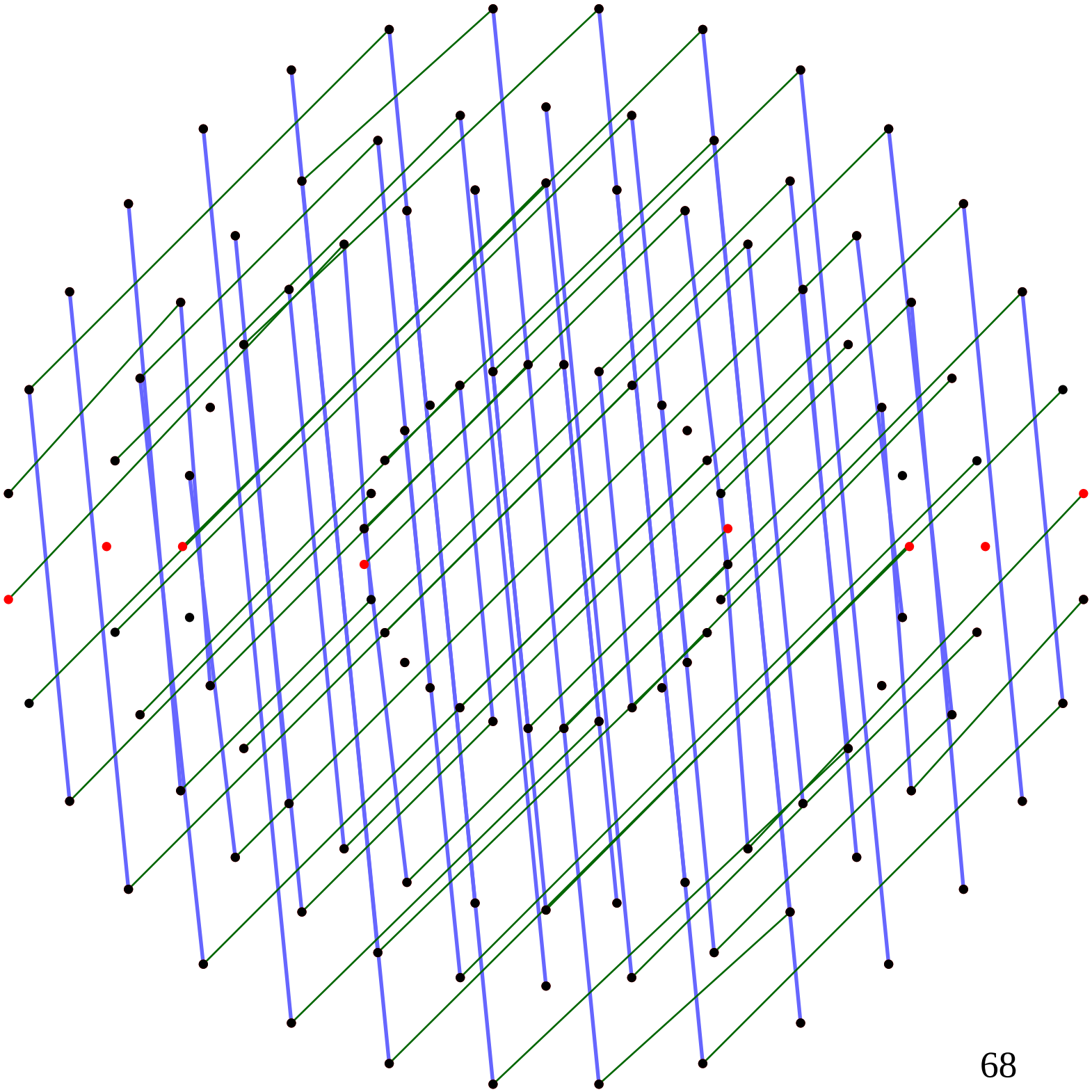
Incompatible [Degree 4.236068]



Negative root for generator 2.

Positive root for 212132143212132143212

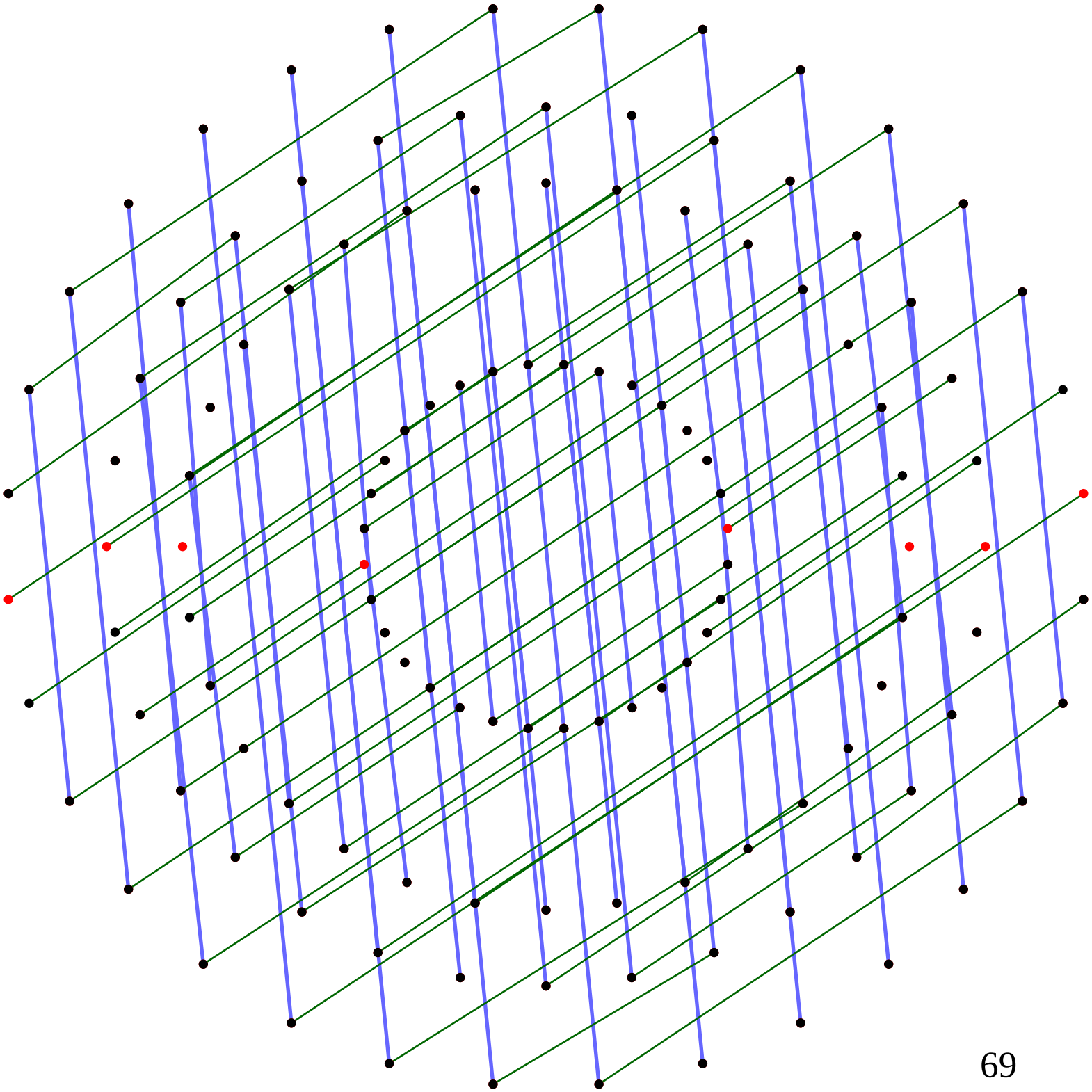
Incompatible [Degree 5.236068]



Negative root for generator 2.

Positive root for 2343212132123432132123432

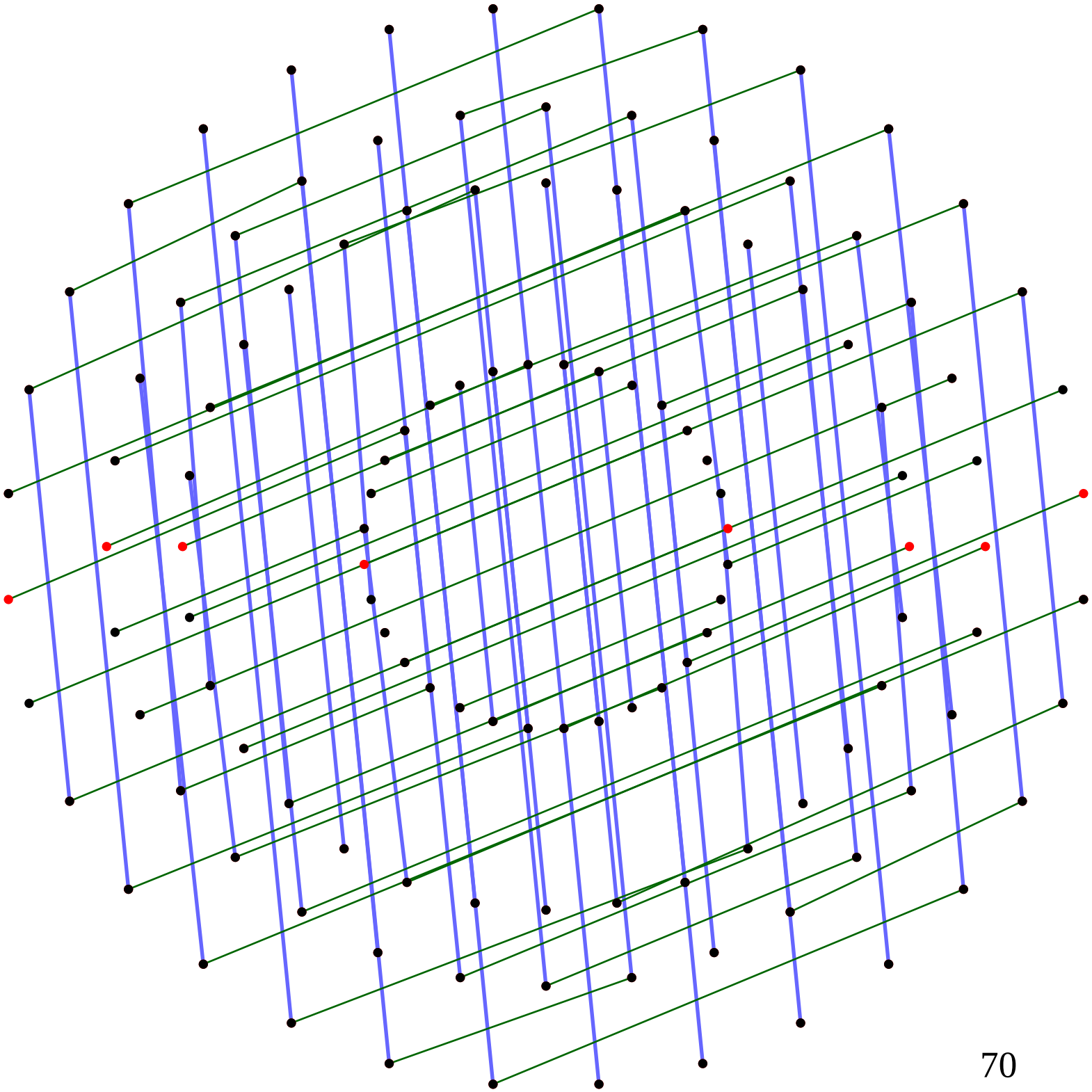
Incompatible [Degree 5.854102]



Negative root for generator 2.

Positive root for 21232121321432121321243212132

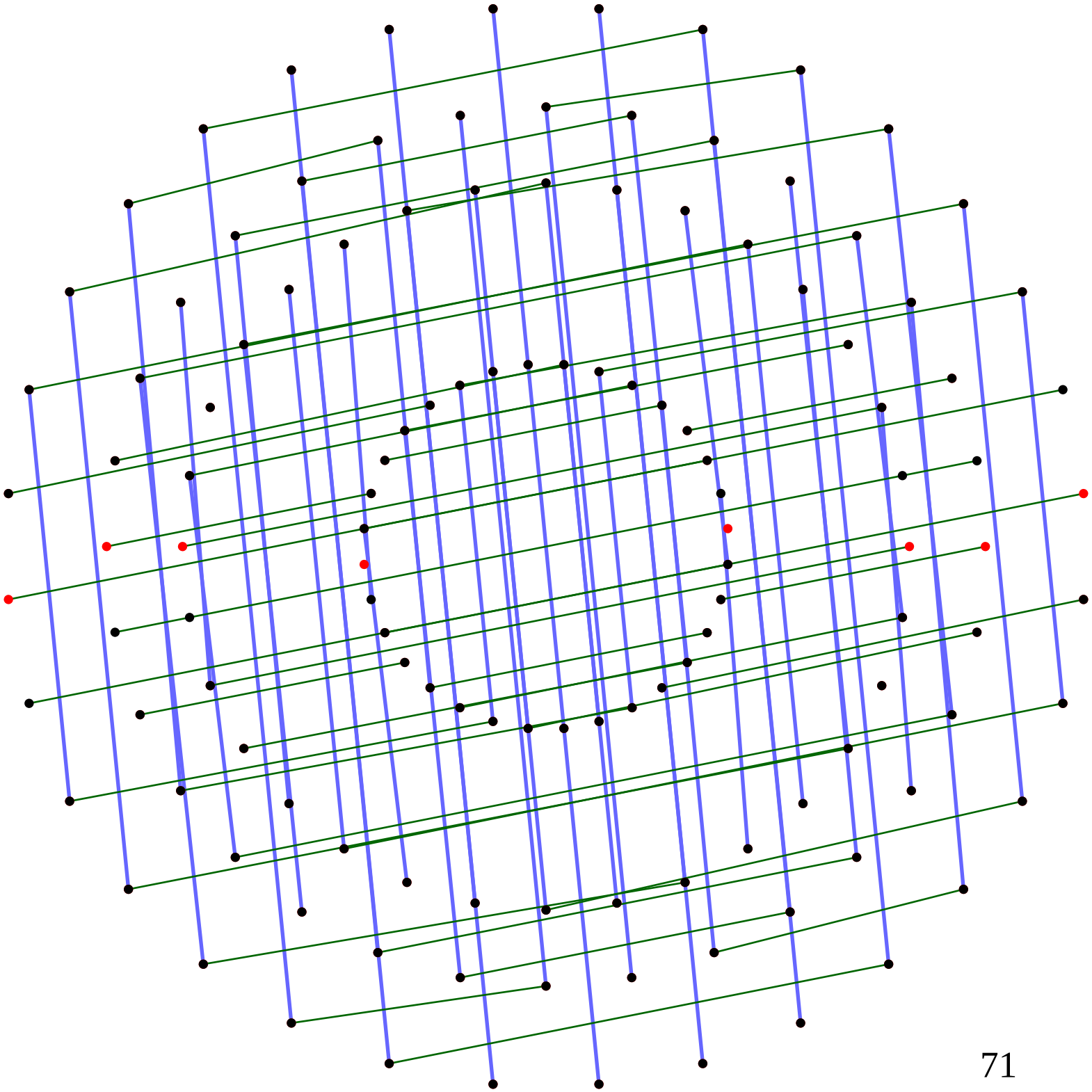
Incompatible [Degree 6.854102]



Negative root for generator 2.

Positive root for 12123432121321234321213212343212 1

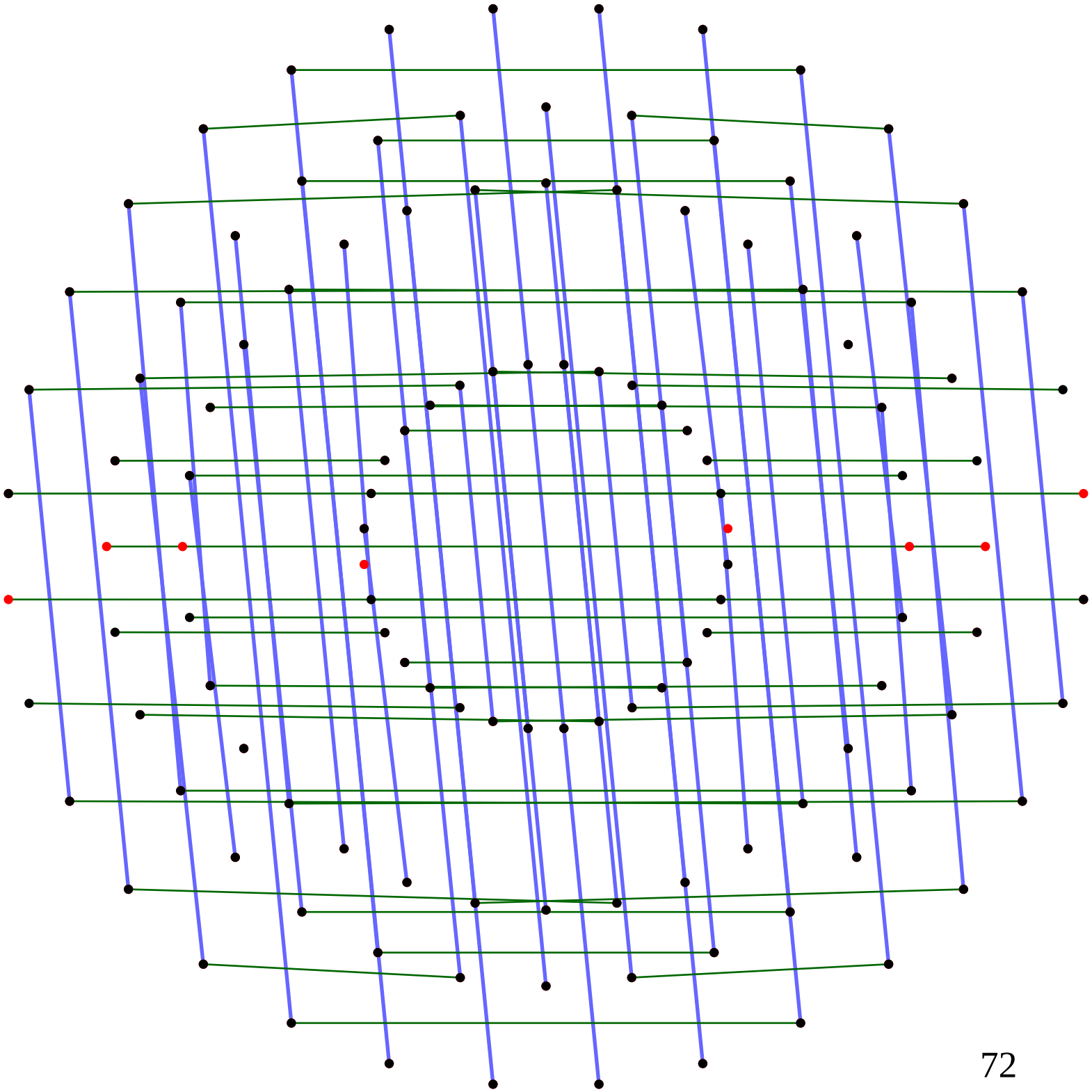
Incompatible [Degree 6.854102]



Negative root for generator 2.

Positive root for 3212343212132123432121321234321 23

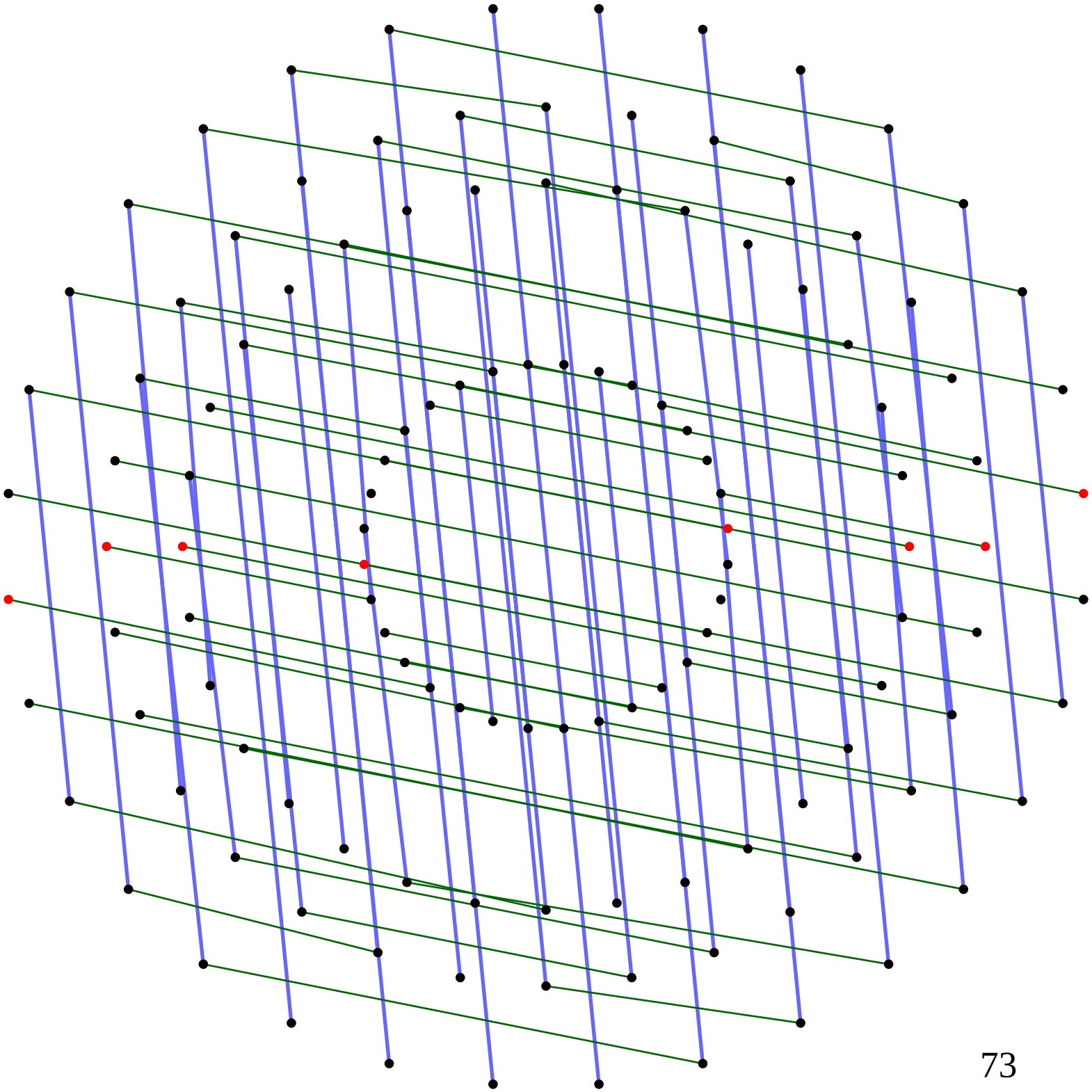
Incompatible [Degree 6.854102]



Negative root for generator 2.

Positive root for 12123212132143212132124321213 21

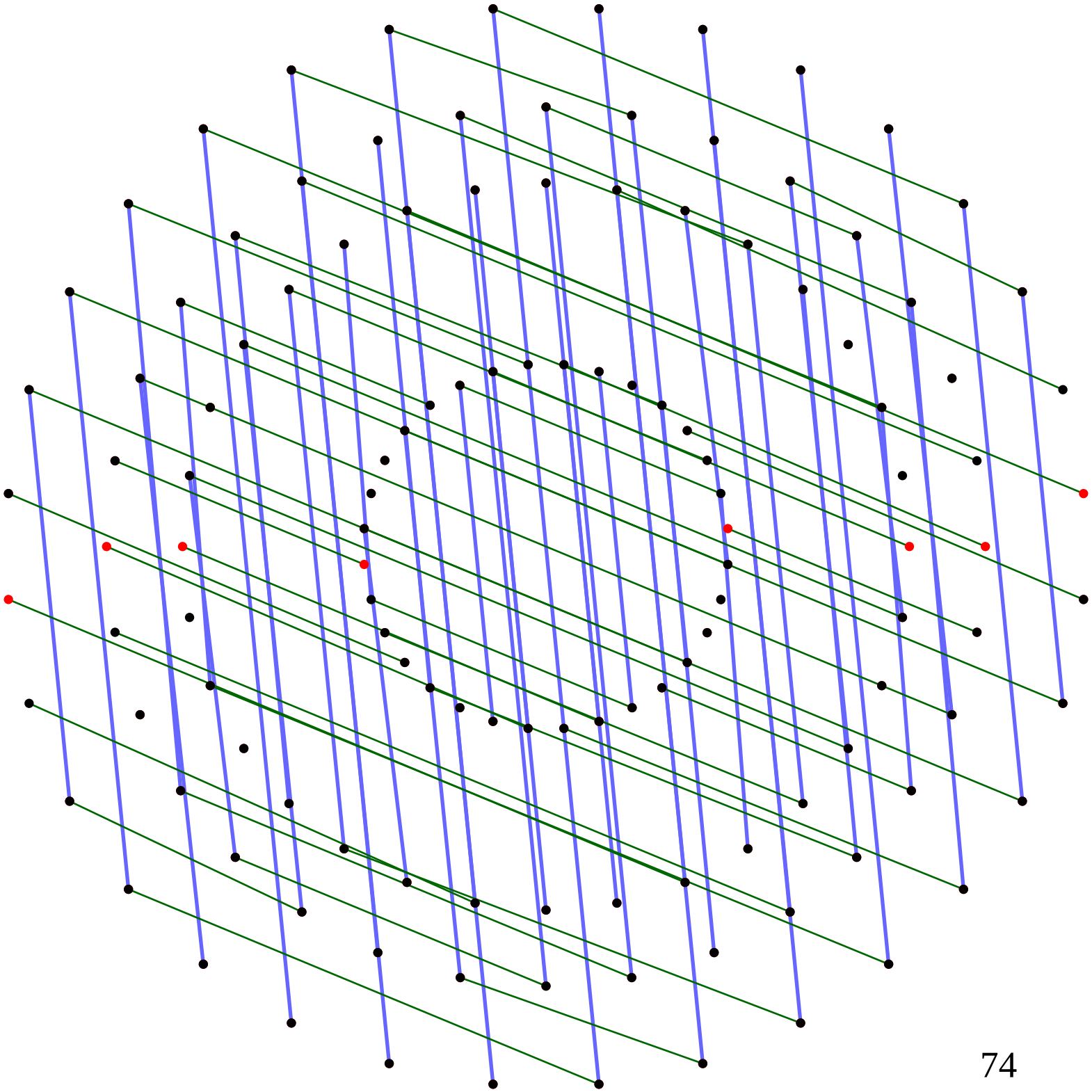
Incompatible [Degree 6.854102]



Negative root for generator 2.

Positive root for 12343212132123432121321234321

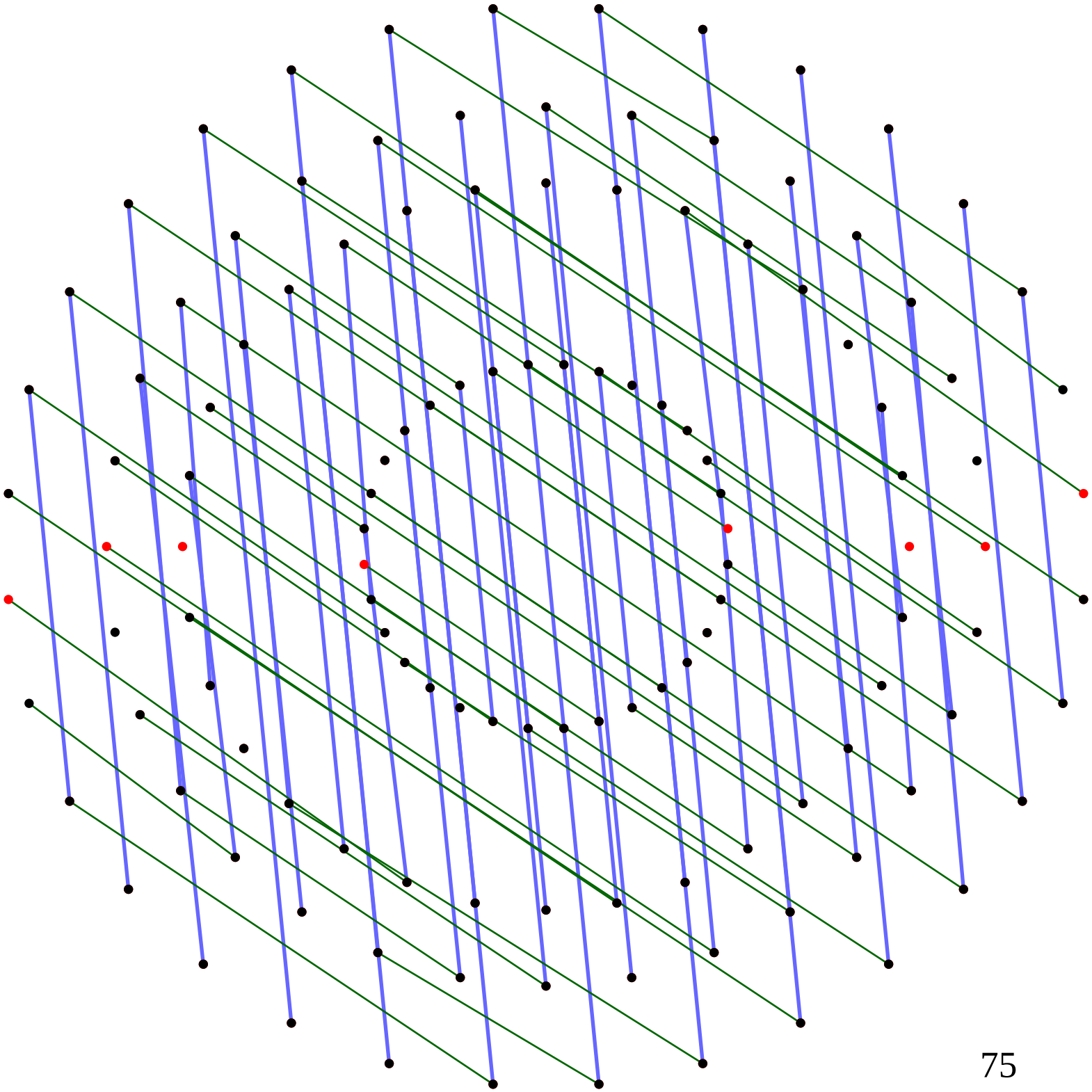
Incompatible [Degree 5.854102]



Negative root for generator 2.

Positive root for 3212132143212132143212 3

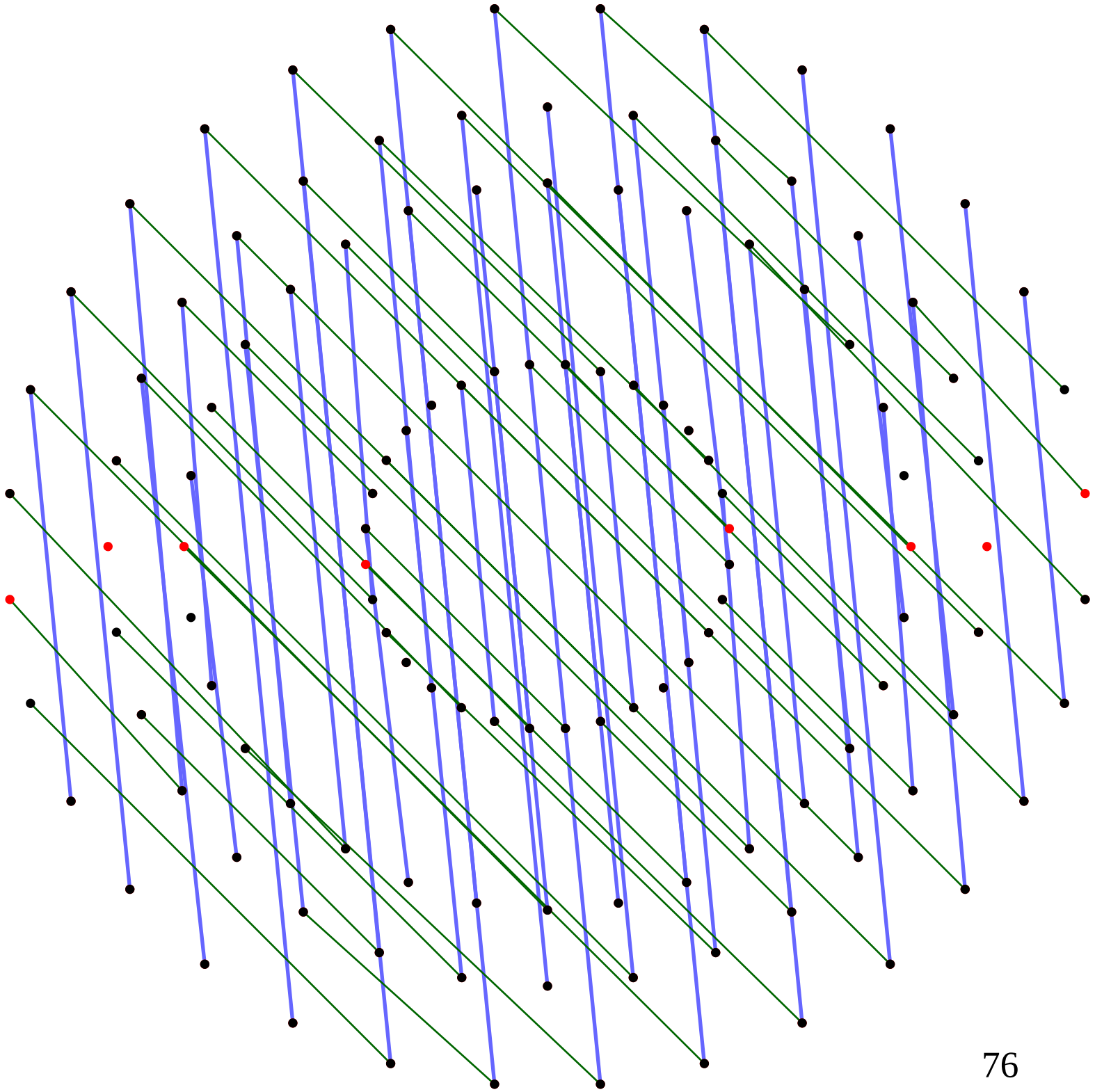
Incompatible [Degree 5.236068]



Negative root for generator 2.

Positive root for 12132123432121321

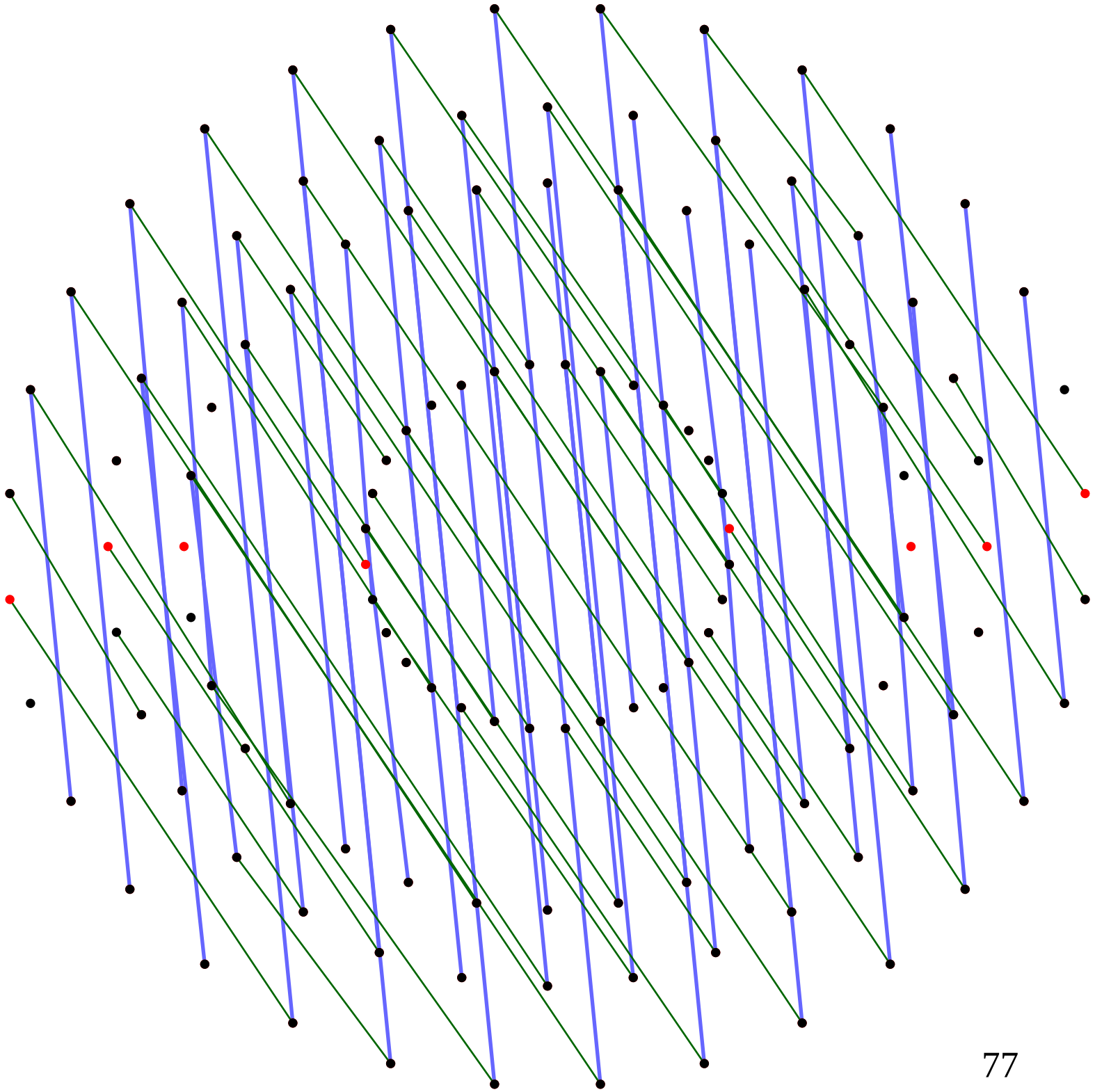
Incompatible [Degree 4.236068]



Negative root for generator 2.

Positive root for 132143212132143

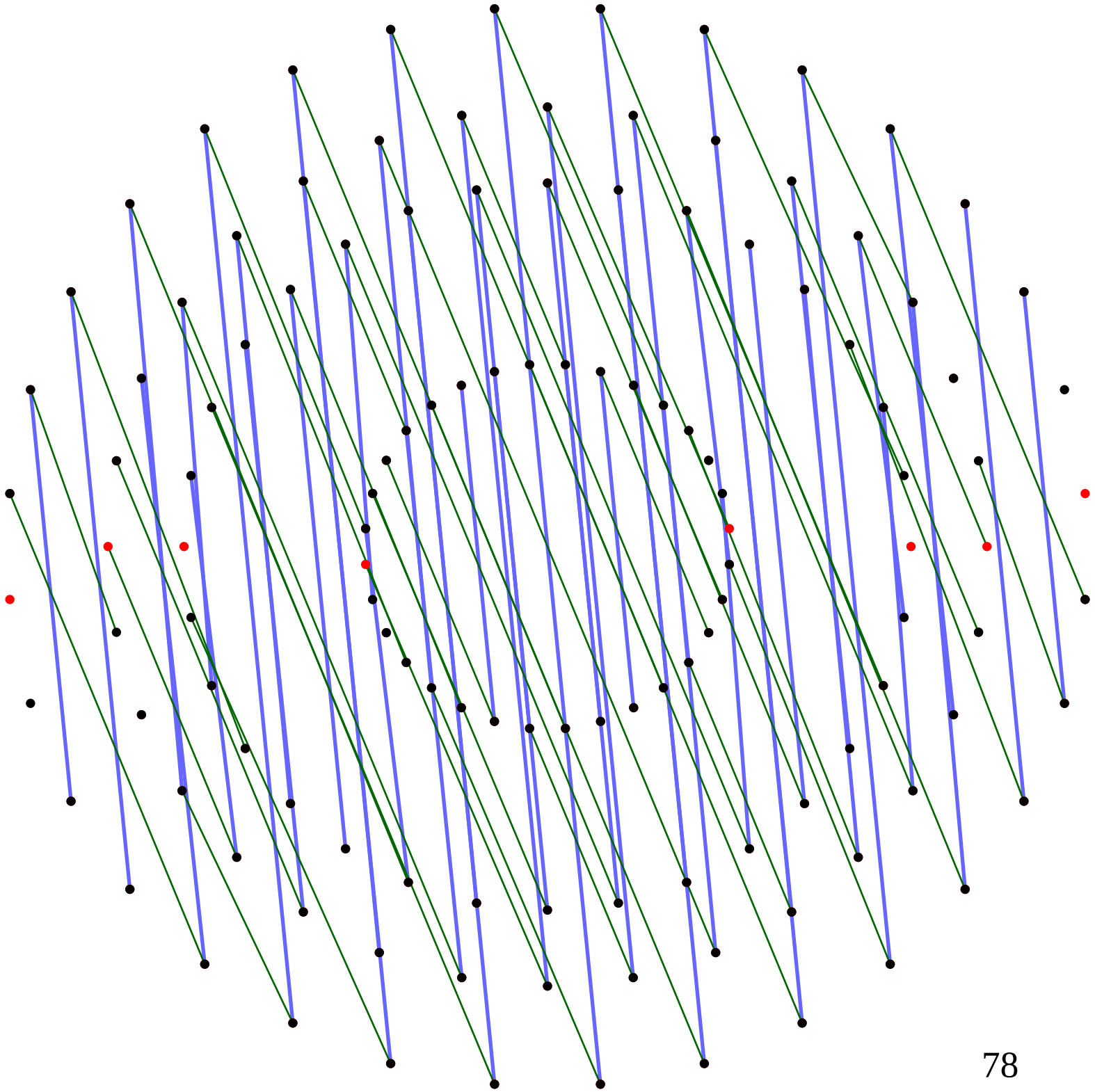
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 1321213

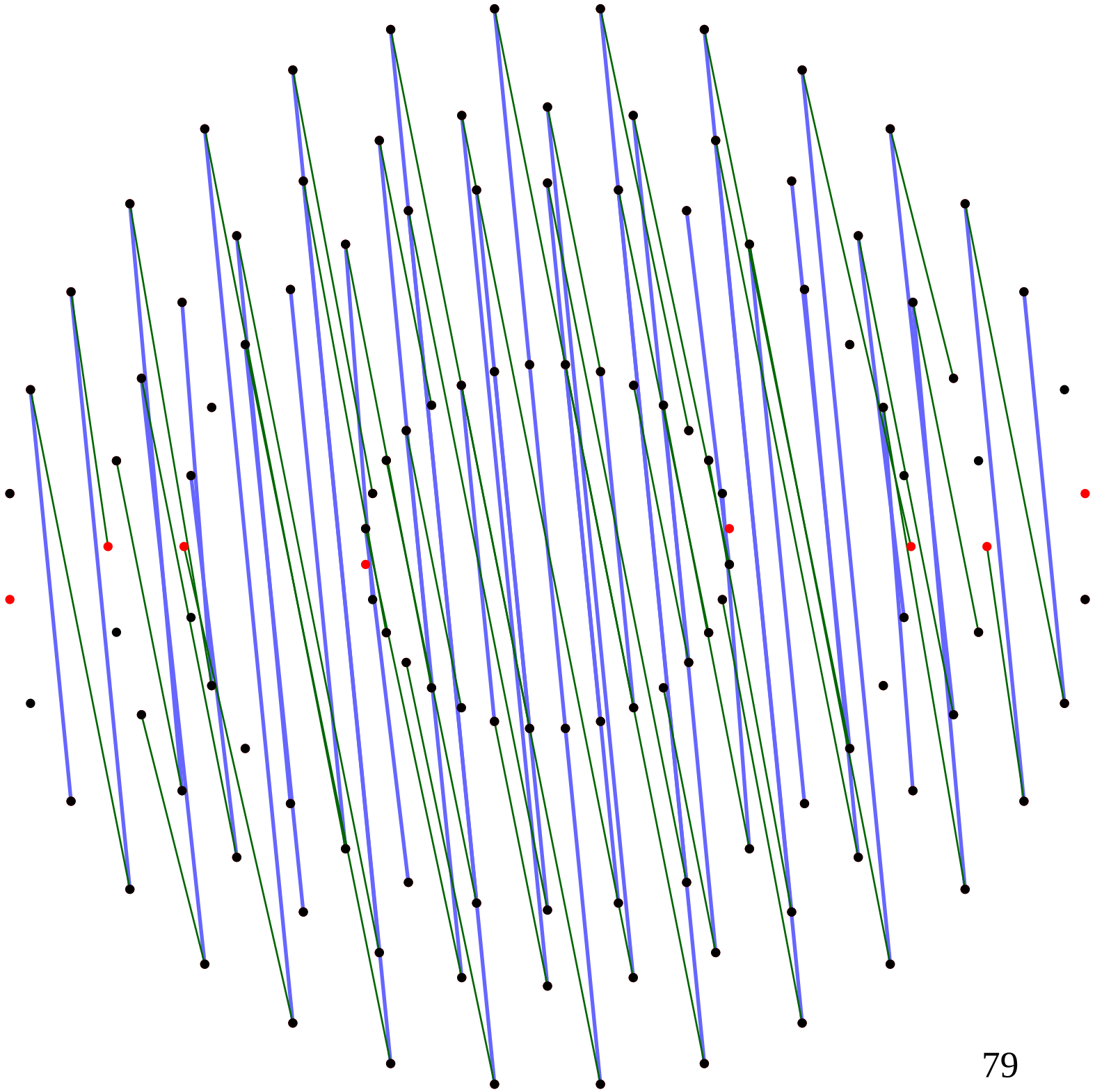
Incompatible [Degree 1.618034]



Negative root for generator 2.

Positive root for 1

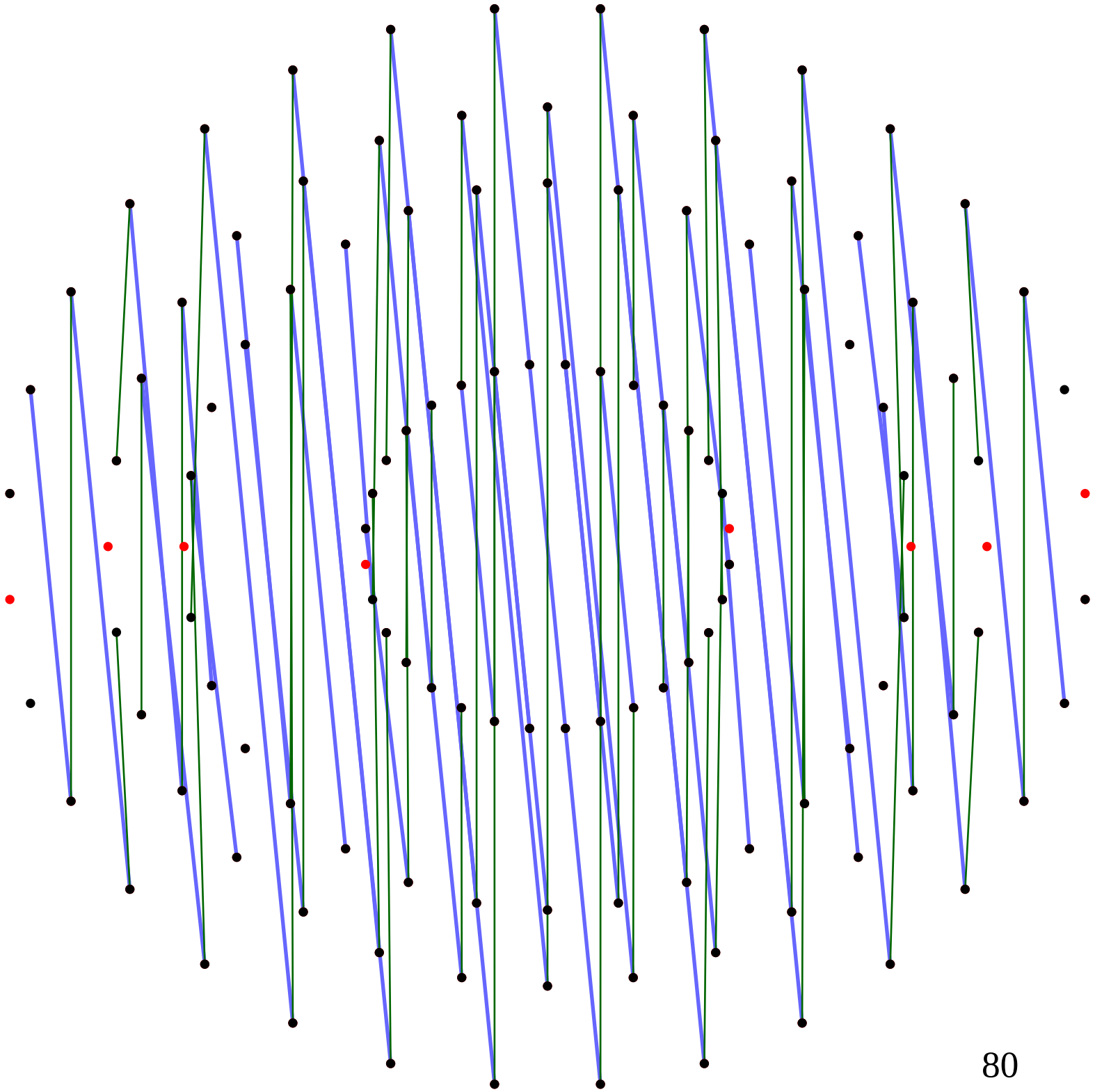
Compatible



Negative root for generator 2.

Negative root for generator 1.

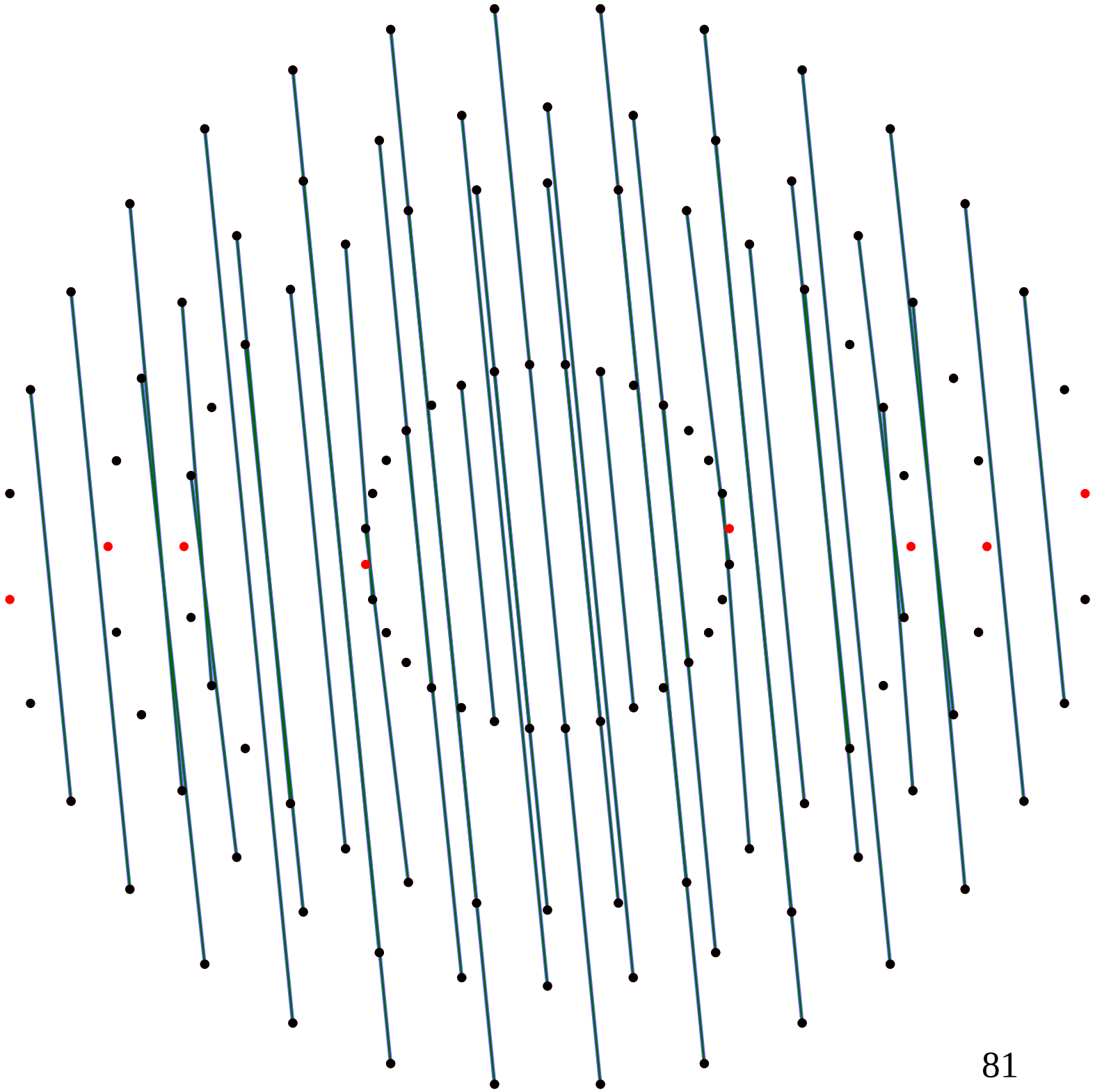
Compatible



Negative root for generator 2.

Negative root for generator 2.

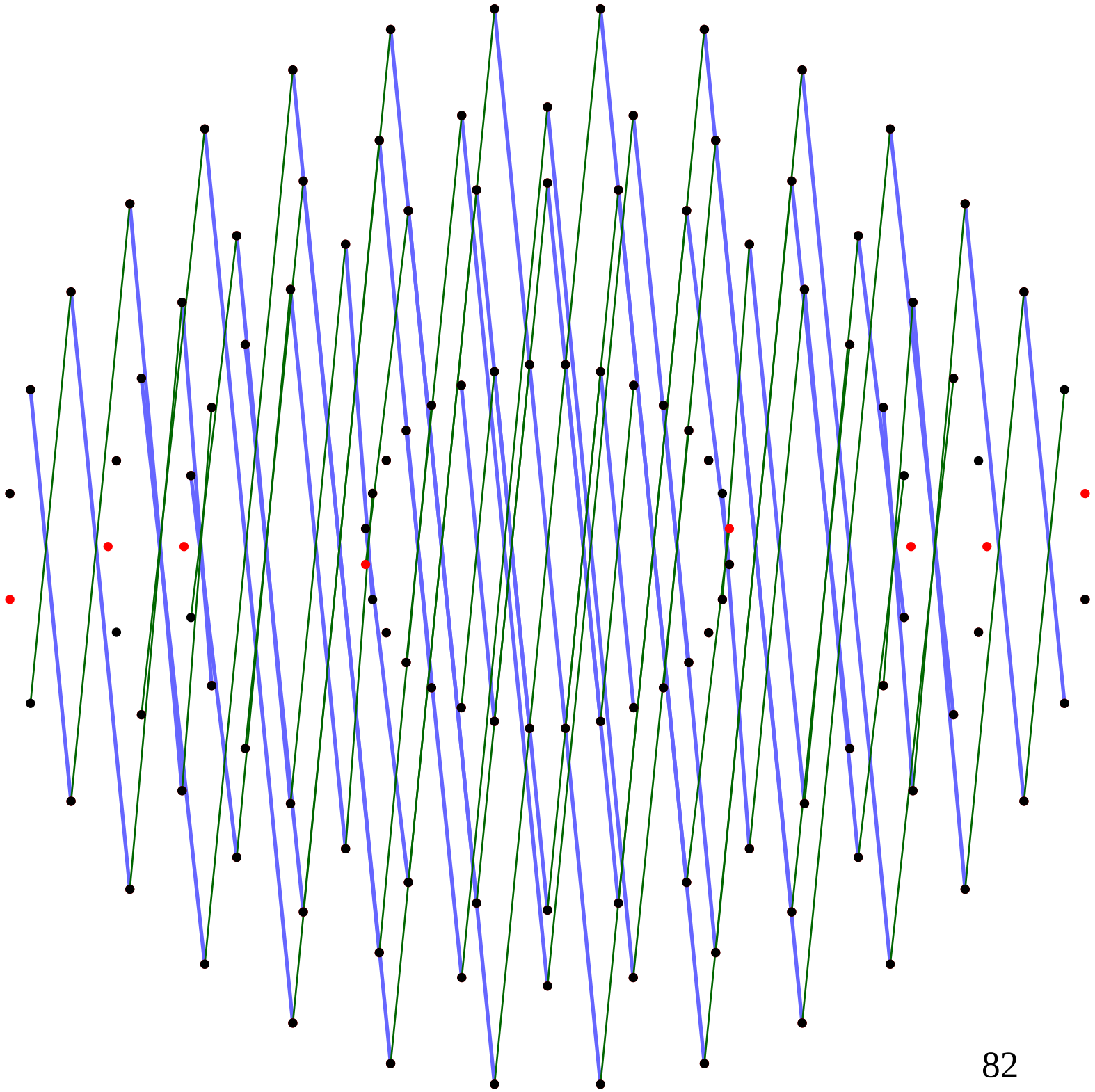
Coinciding



Negative root for generator 2.

Positive root for 2

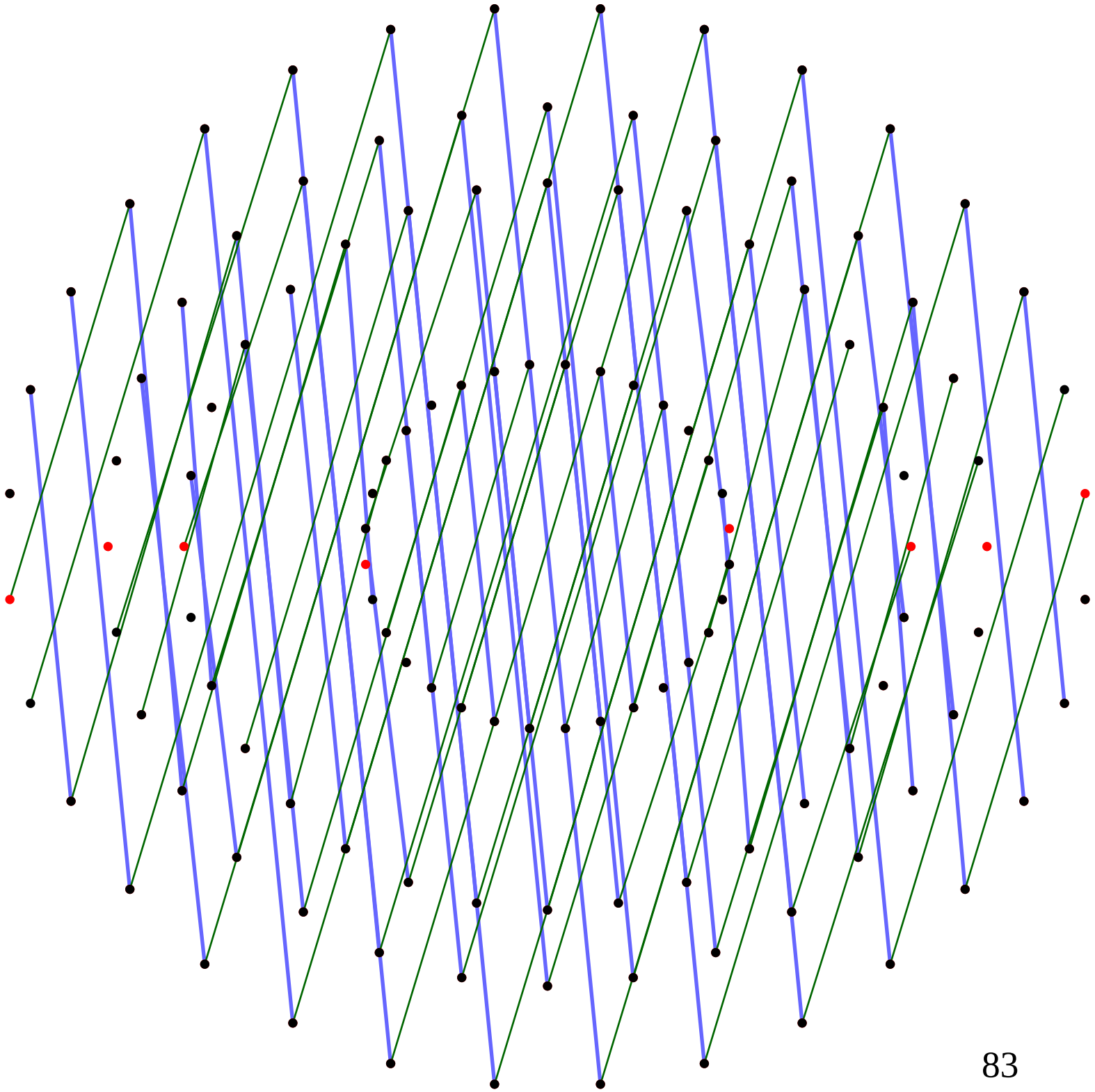
Incompatible [Degree 1]



Negative root for generator 2.

Positive root for 212343212

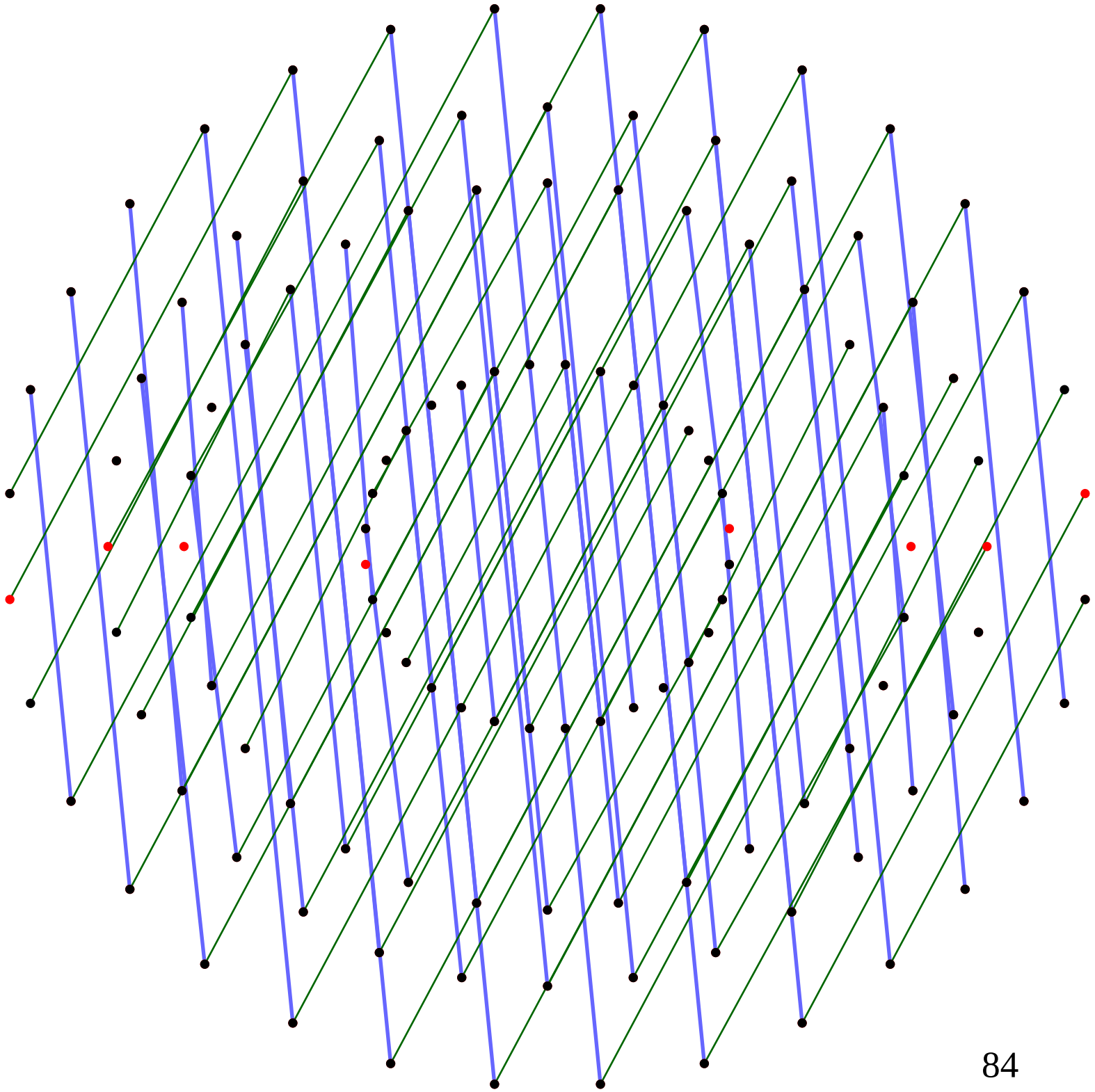
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 21321432121321432

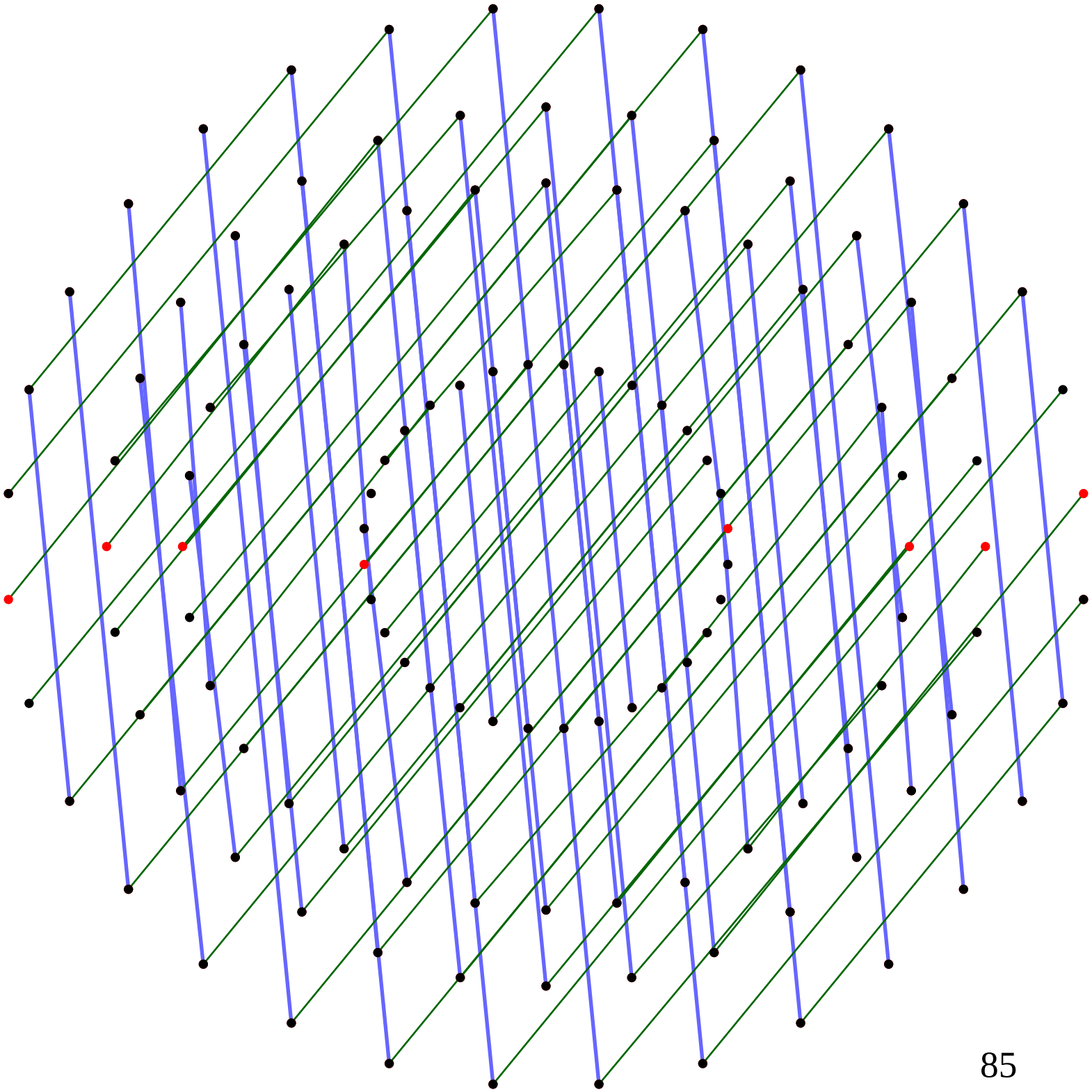
Incompatible [Degree 4.236068]



Negative root for generator 2.

Positive root for 212321214321213212432l2

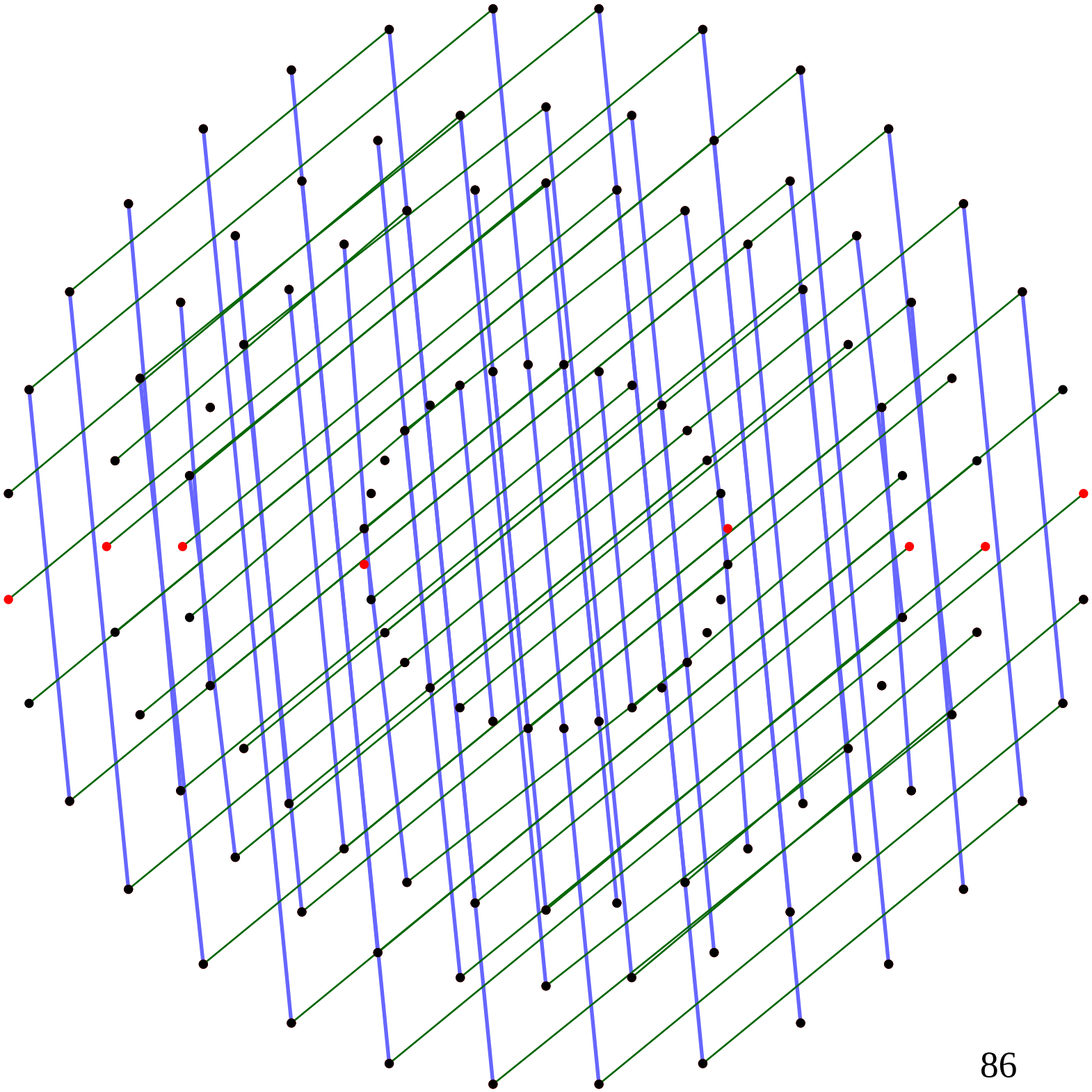
Incompatible [Degree 5.854102]



Negative root for generator 2.

Positive root for 212343212132123432121321234321 2

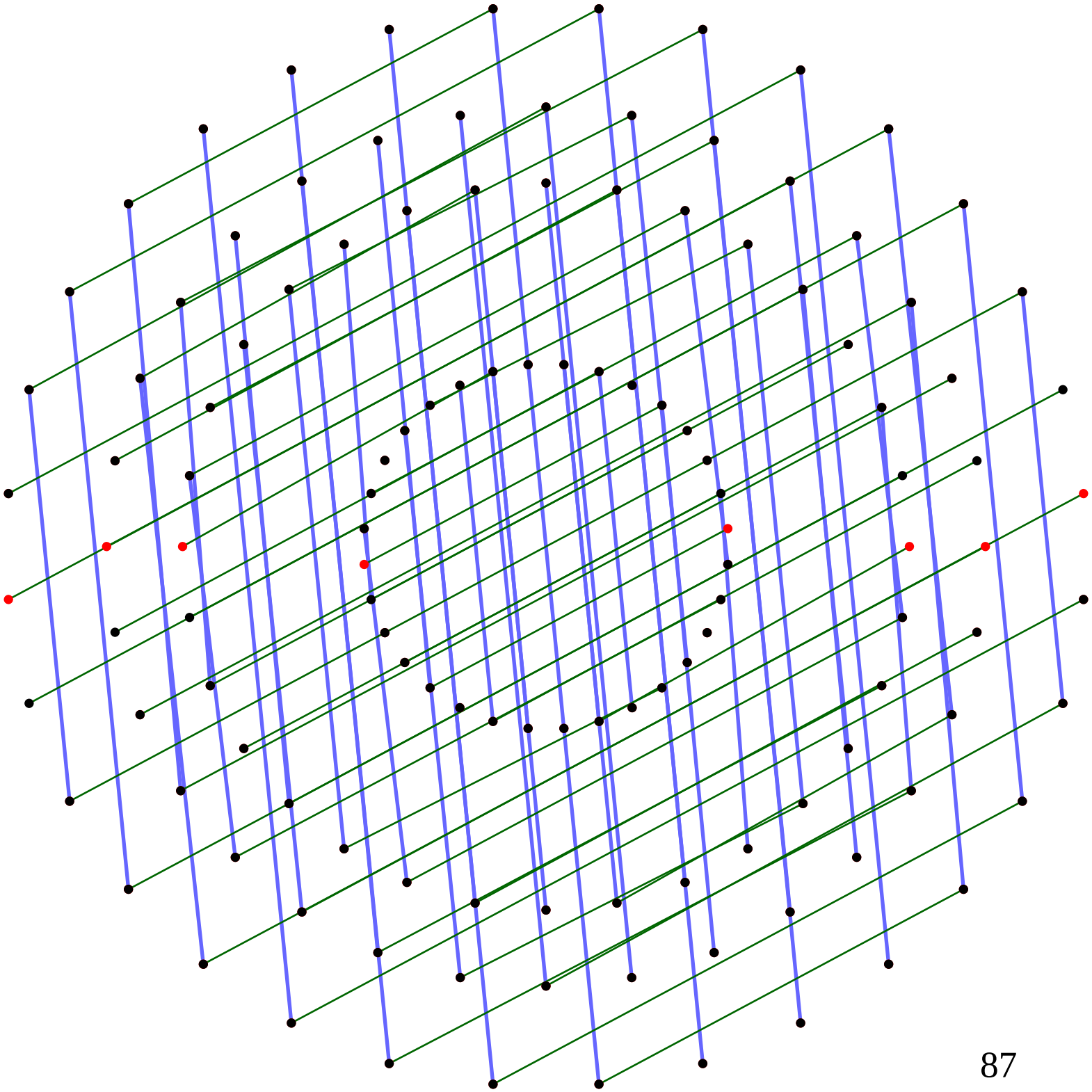
Incompatible [Degree 6.854102]



Negative root for generator 2.

Positive root for 213212343212132123432121321234321213 2

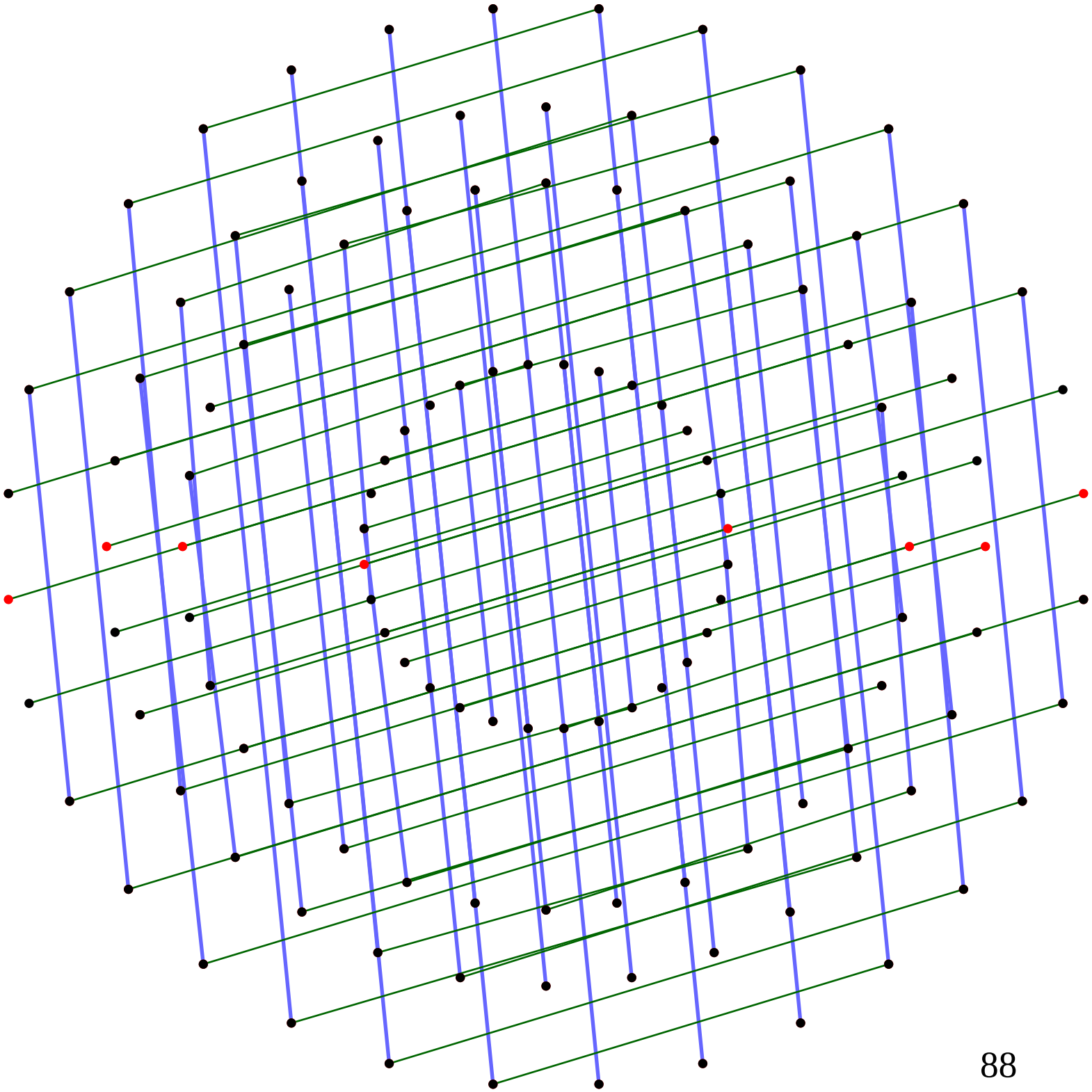
Incompatible [Degree 7.854102]



Negative root for generator 2.

Positive root for 2121321234321213212343212132123432121321 2

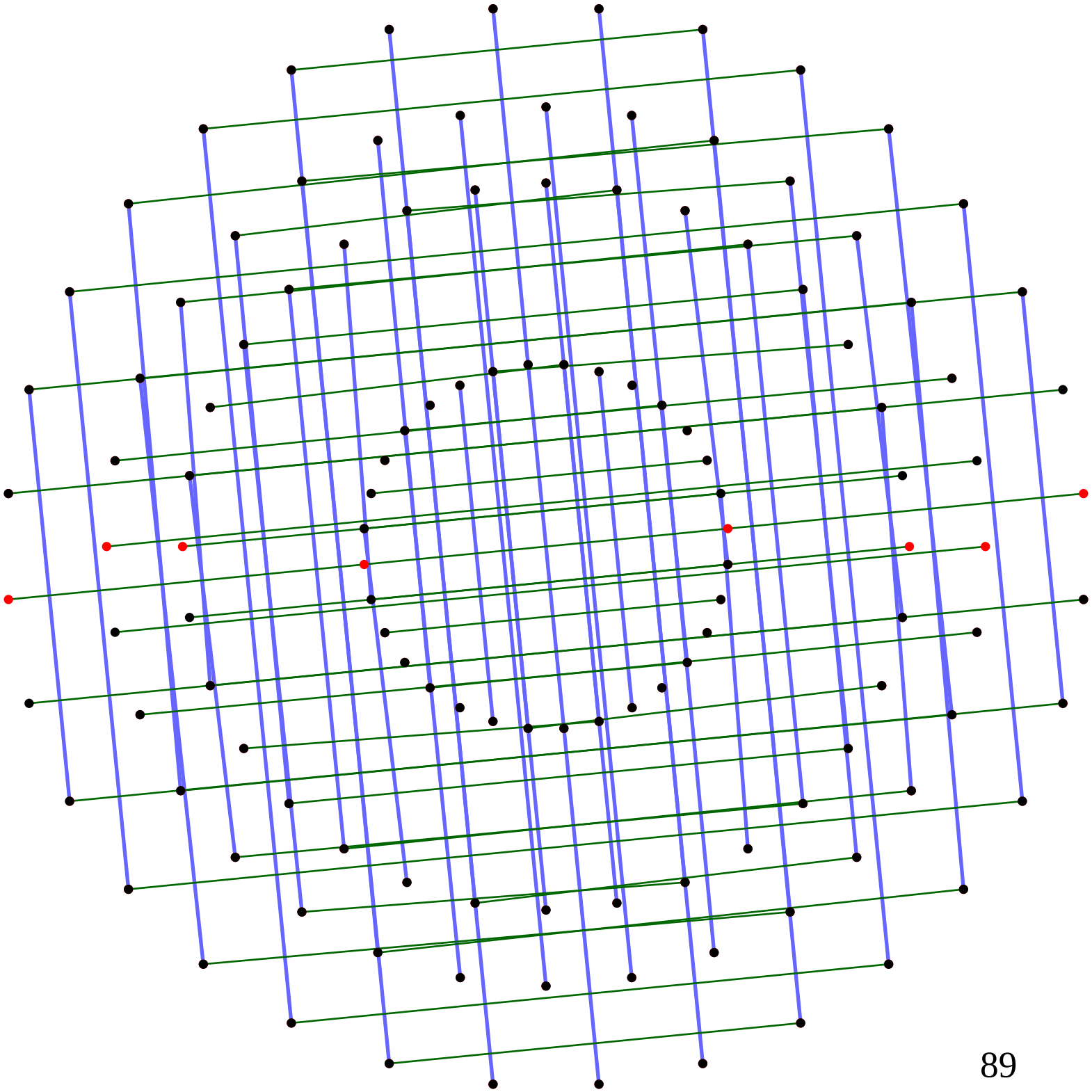
Incompatible [Degree 8.472136]



Negative root for generator 2.

Positive root for 432121321234321213212343212132123432121321234

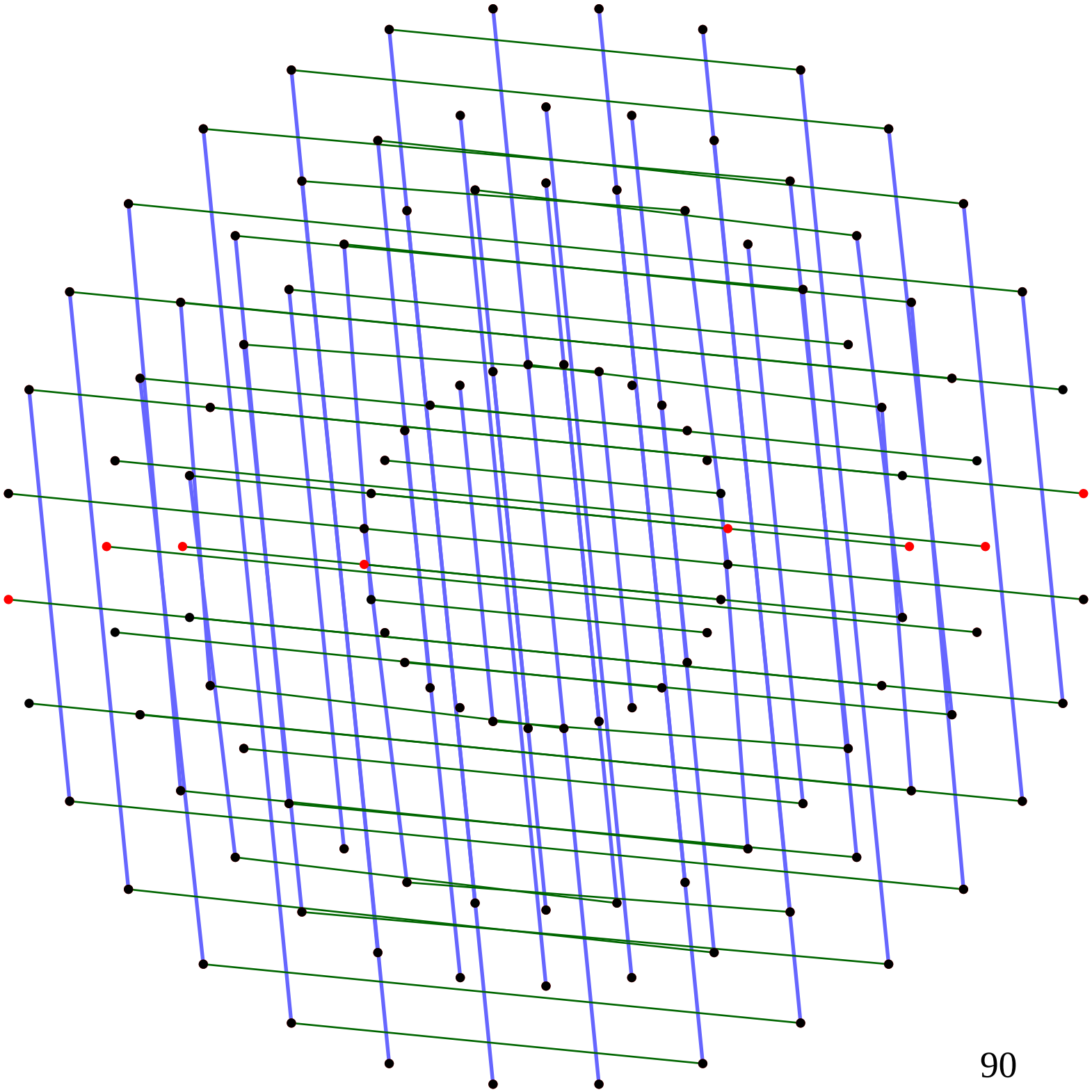
Incompatible [Degree 8.472136]



Negative root for generator 2.

Positive root for 3212132123432121321234321213212343212132123

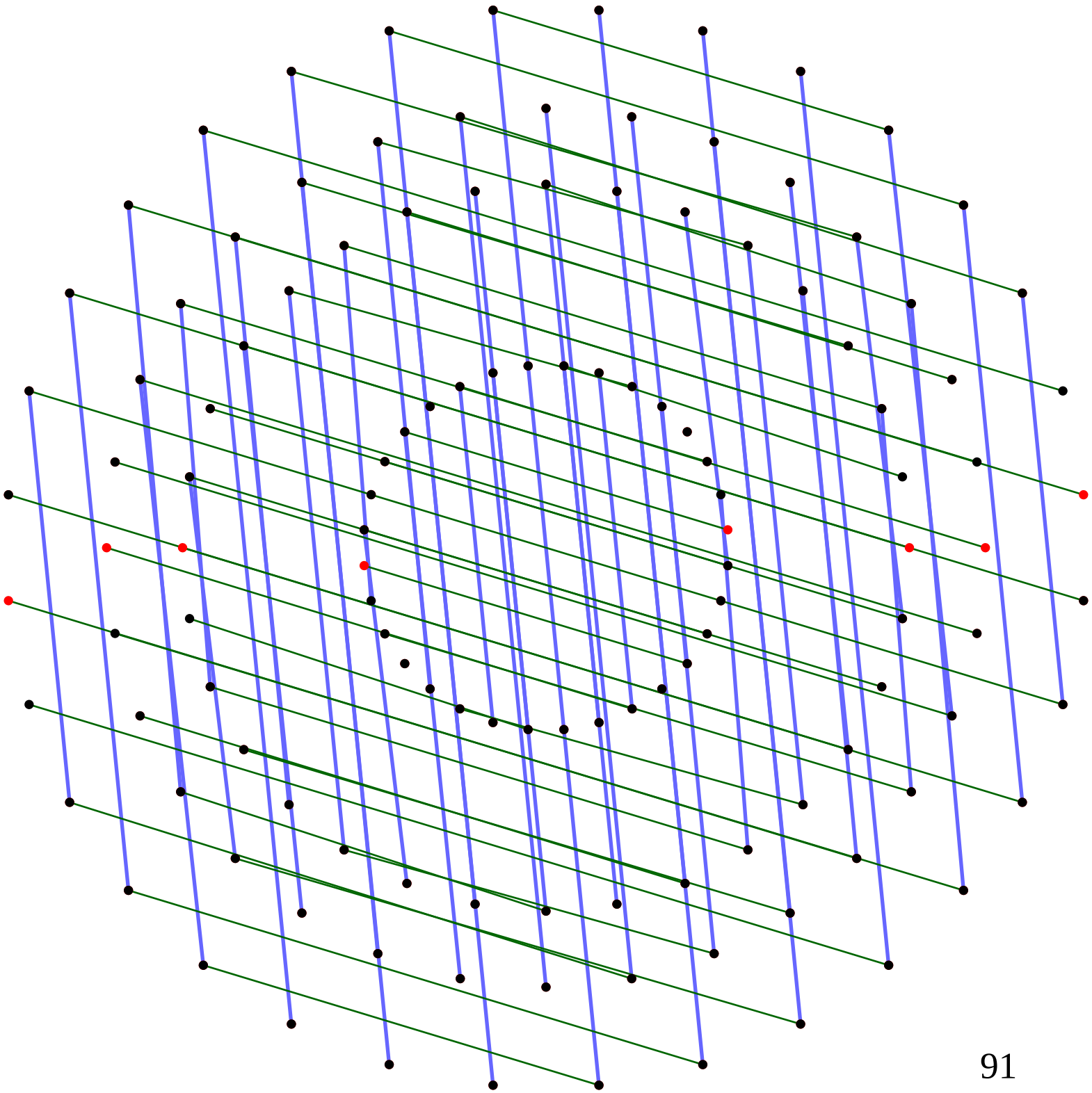
Incompatible [Degree 8.472136]



Negative root for generator 2.

Positive root for 12132123432121321234321213212343212132 1

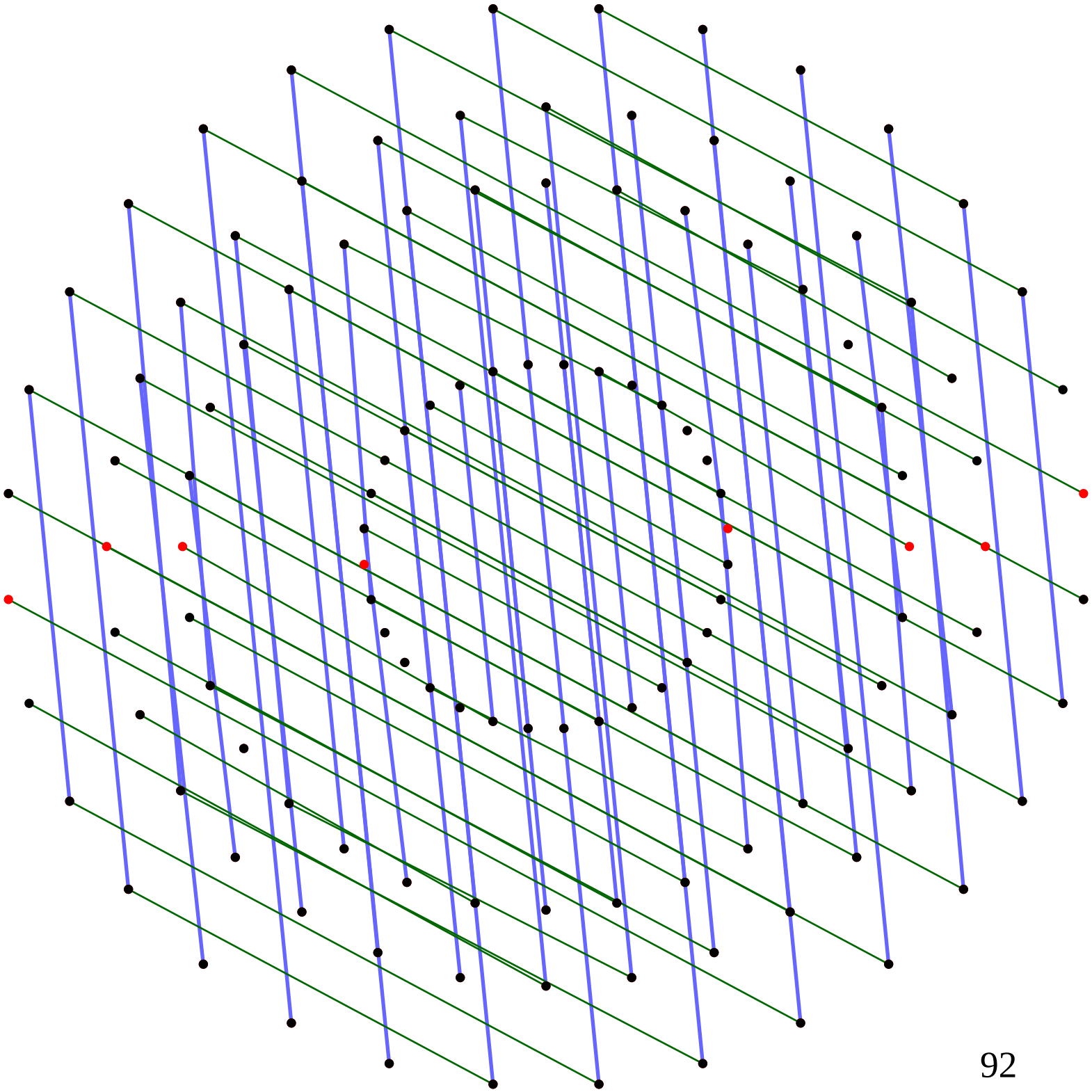
Incompatible [Degree 7.854102]



Negative root for generator 2.

Positive root for 13212343212132123432121321234321213

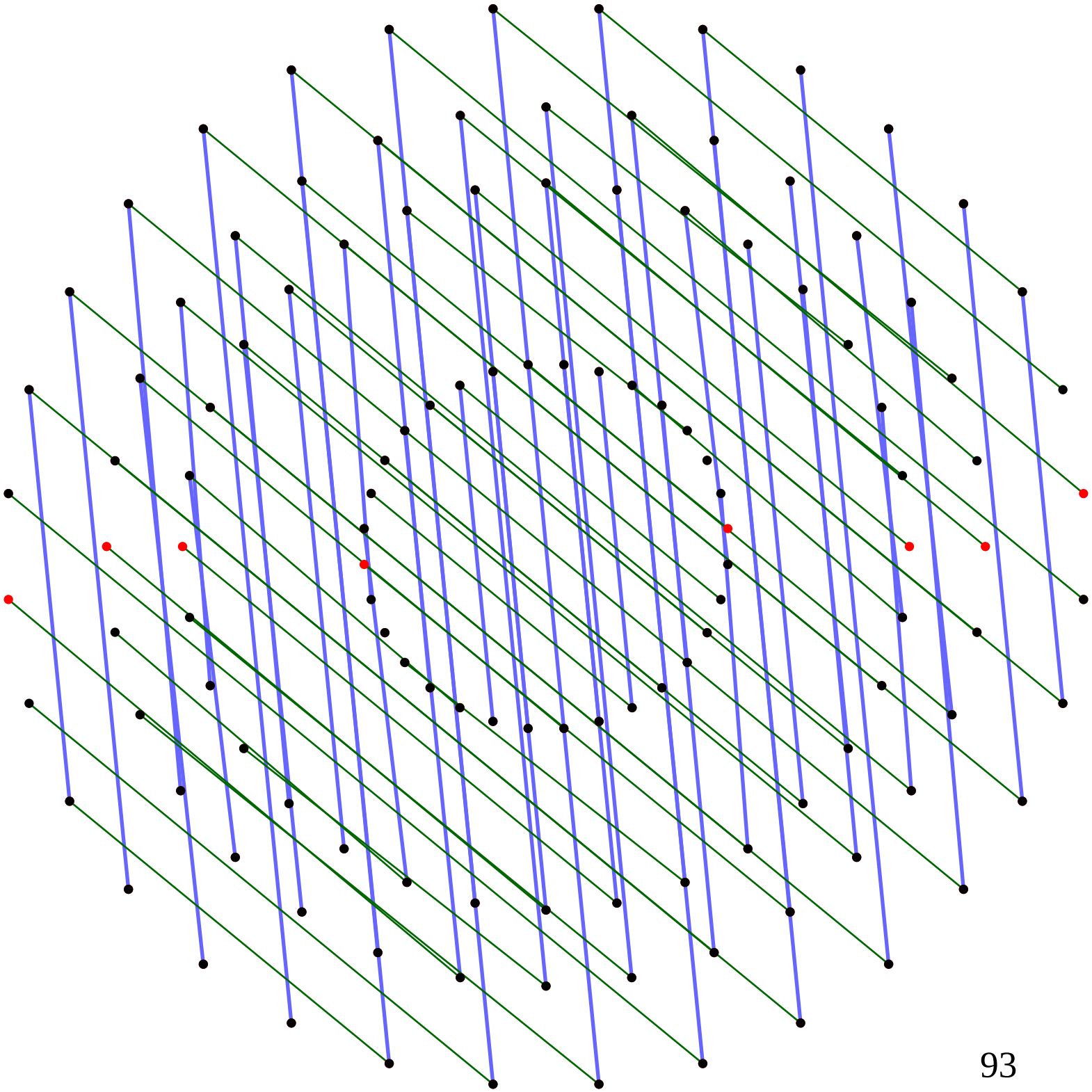
Incompatible [Degree 6.854102]



Negative root for generator 2.

Positive root for 12321213214321213212432121 3

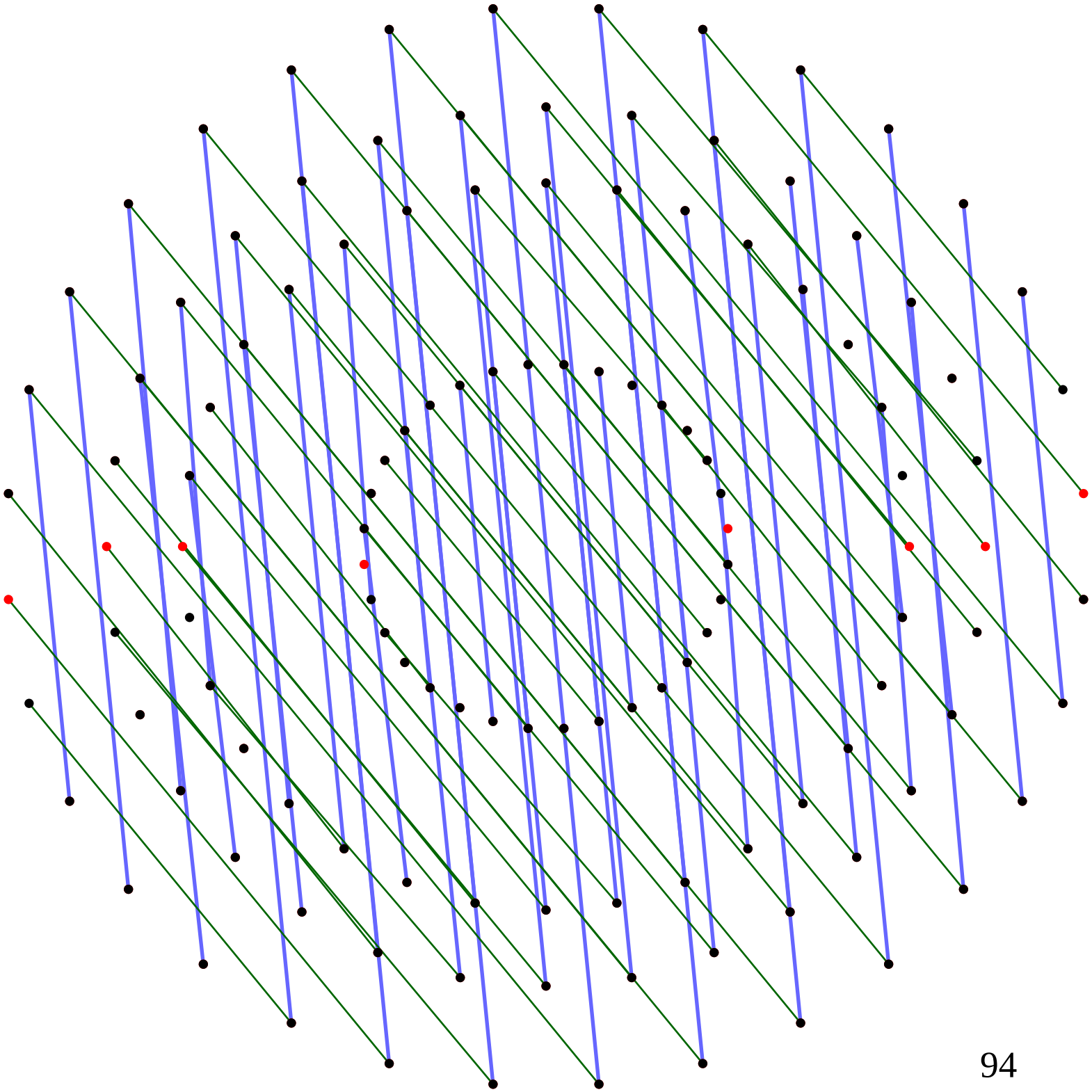
Incompatible [Degree 5.854102]



Negative root for generator 2.

Positive root for 123212143212132124321

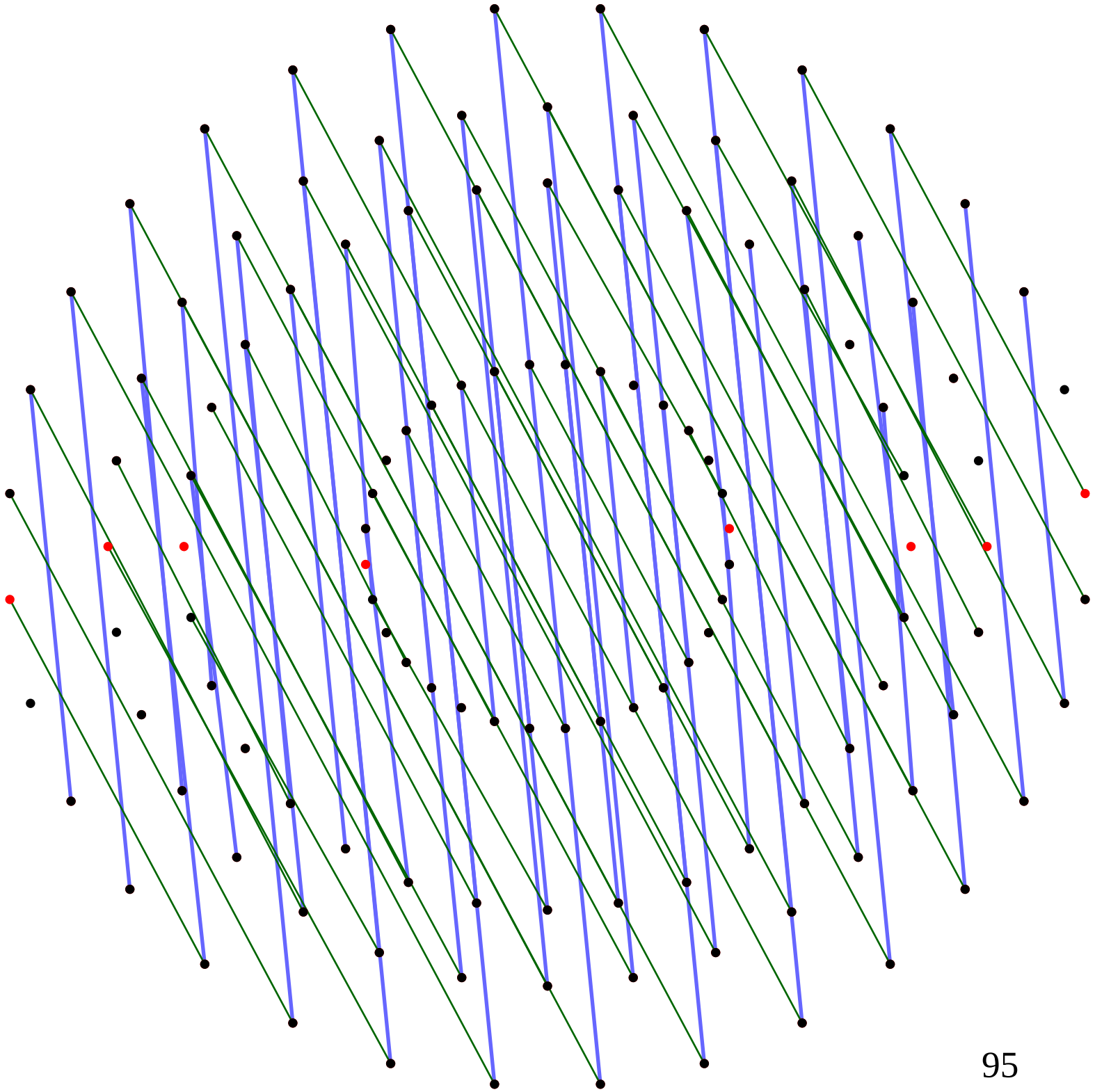
Incompatible [Degree 4.236068]



Negative root for generator 2.

Positive root for 1321234321213

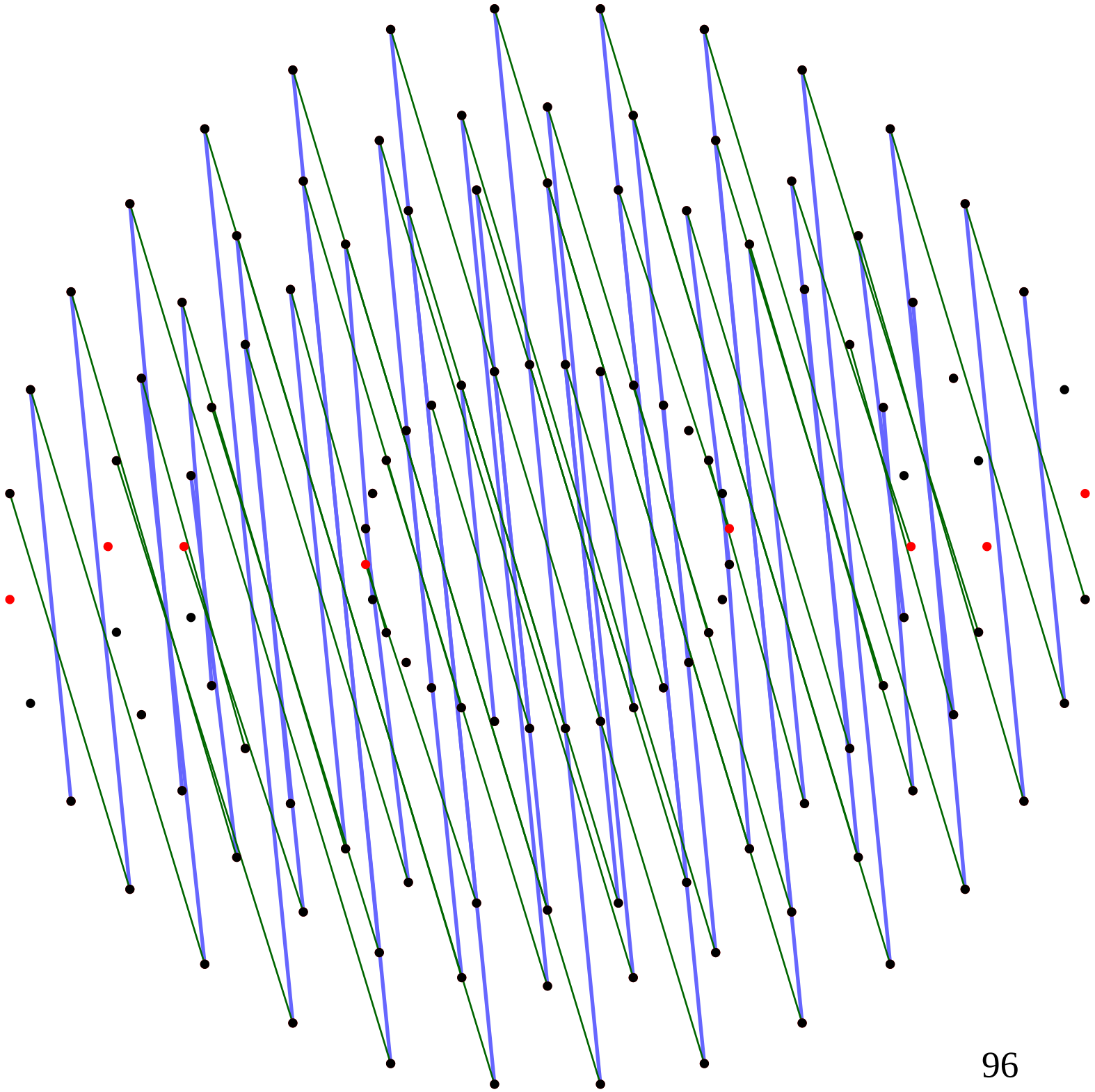
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 12321

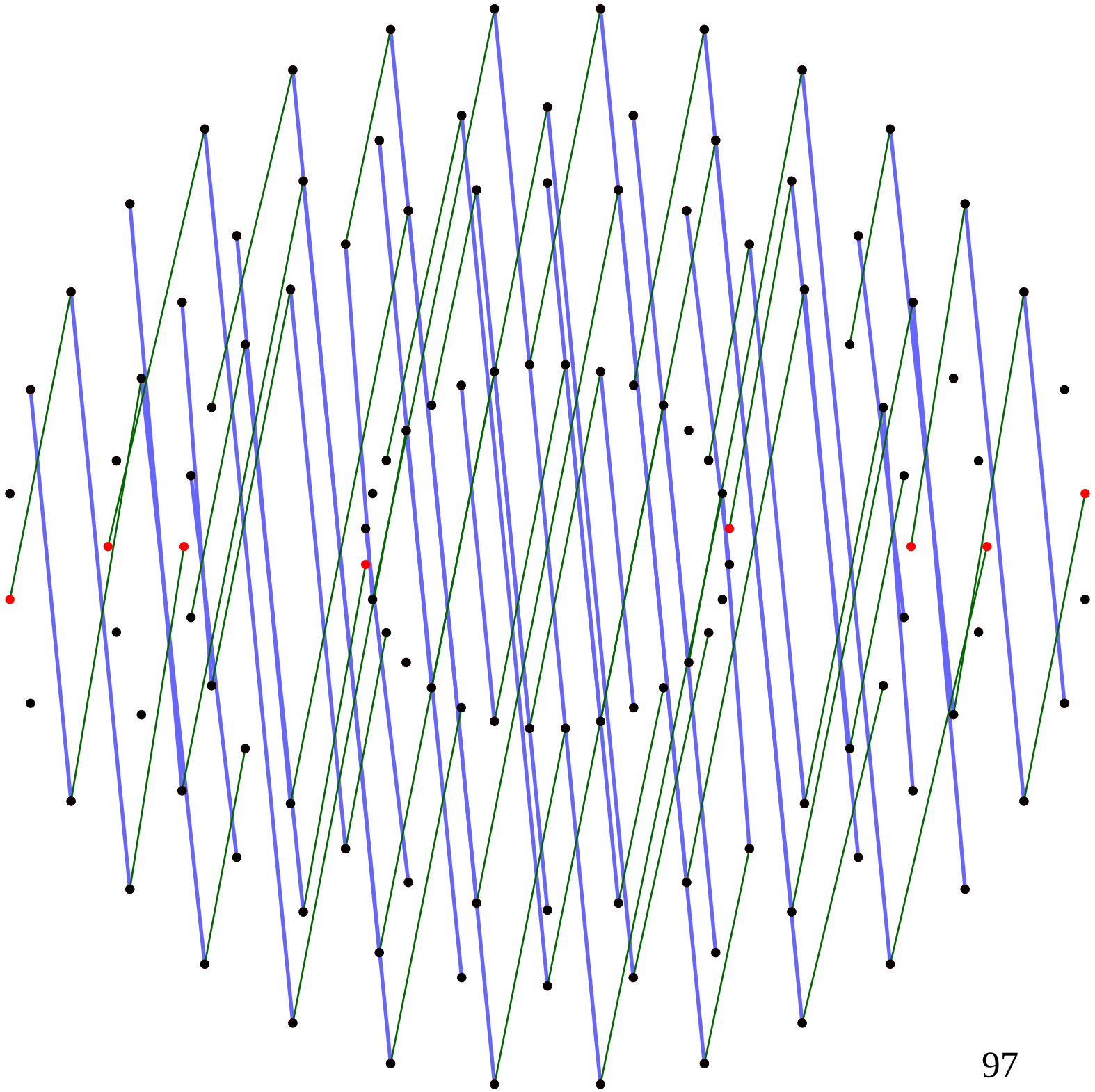
Incompatible [Degree 1]



Negative root for generator 2.

Positive root for 23432

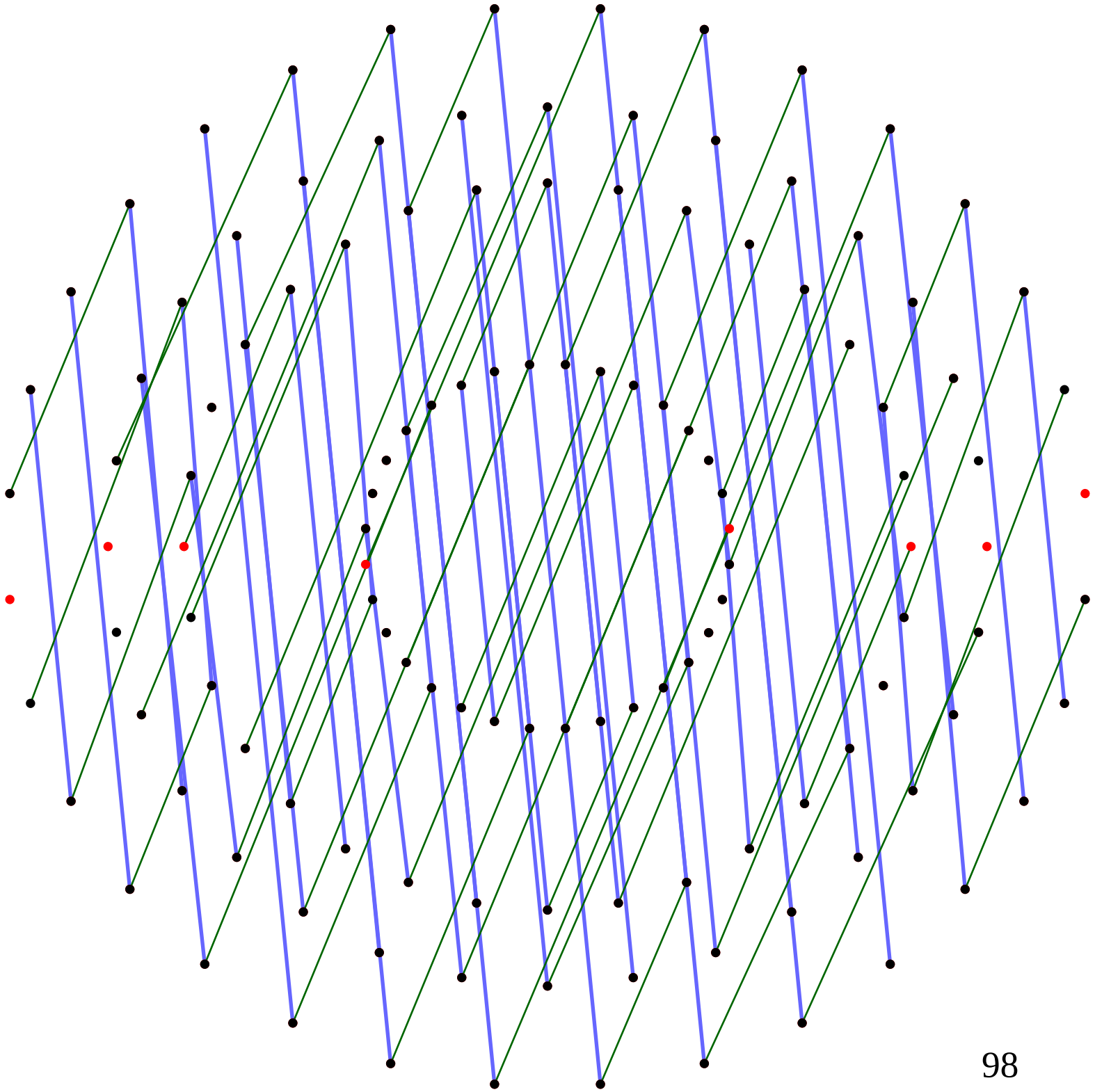
Incompatible [Degree 1]



Negative root for generator 2.

Positive root for 2123212

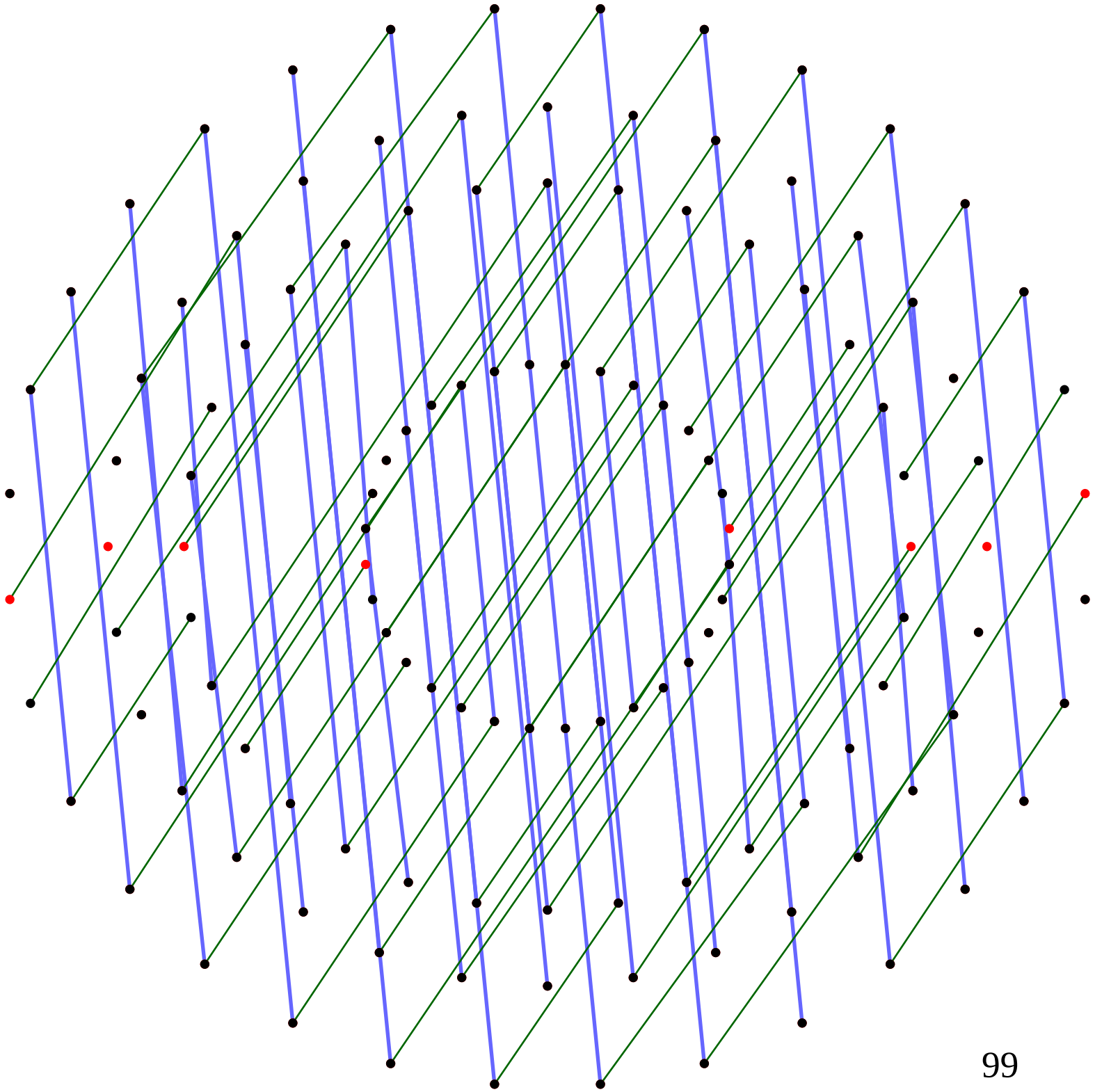
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 212143212132124

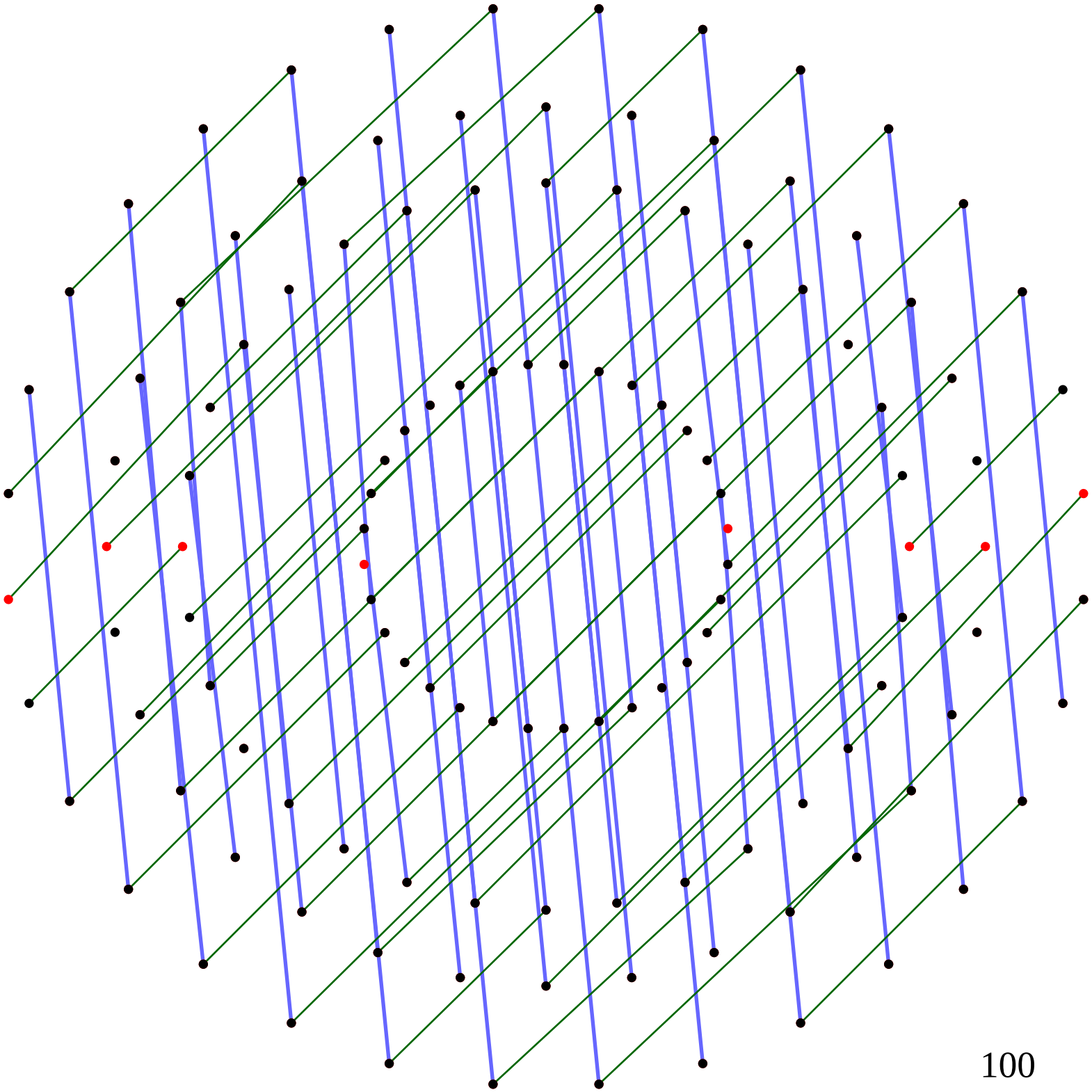
Incompatible [Degree 3.236068]



Negative root for generator 2.

Positive root for 23212143212132432

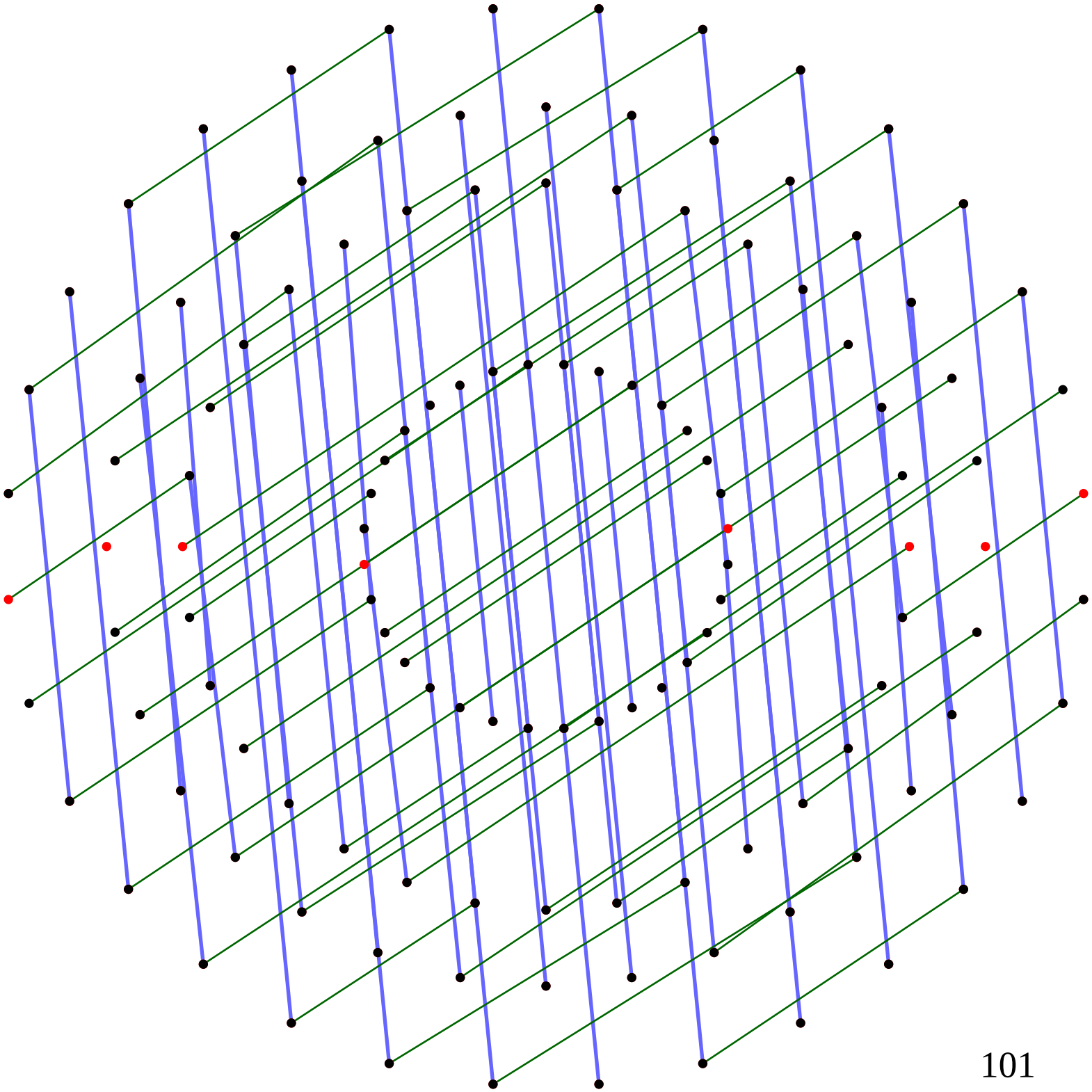
Incompatible [Degree 4.236068]



Negative root for generator 2.

Positive root for 21213212343212132 12

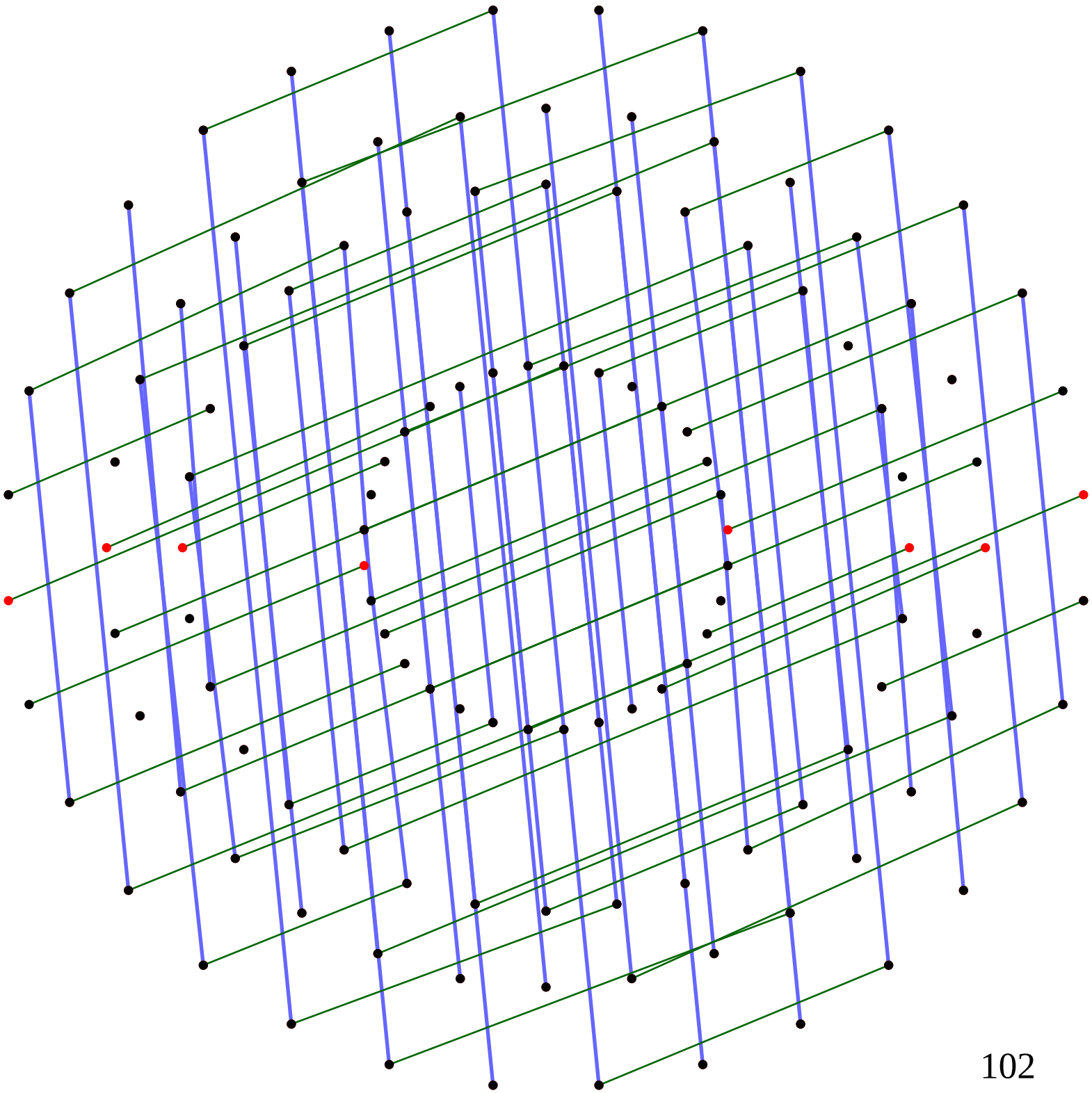
Incompatible [Degree 5.236068]



Negative root for generator 2.

Positive root for 432121321234321213212 34

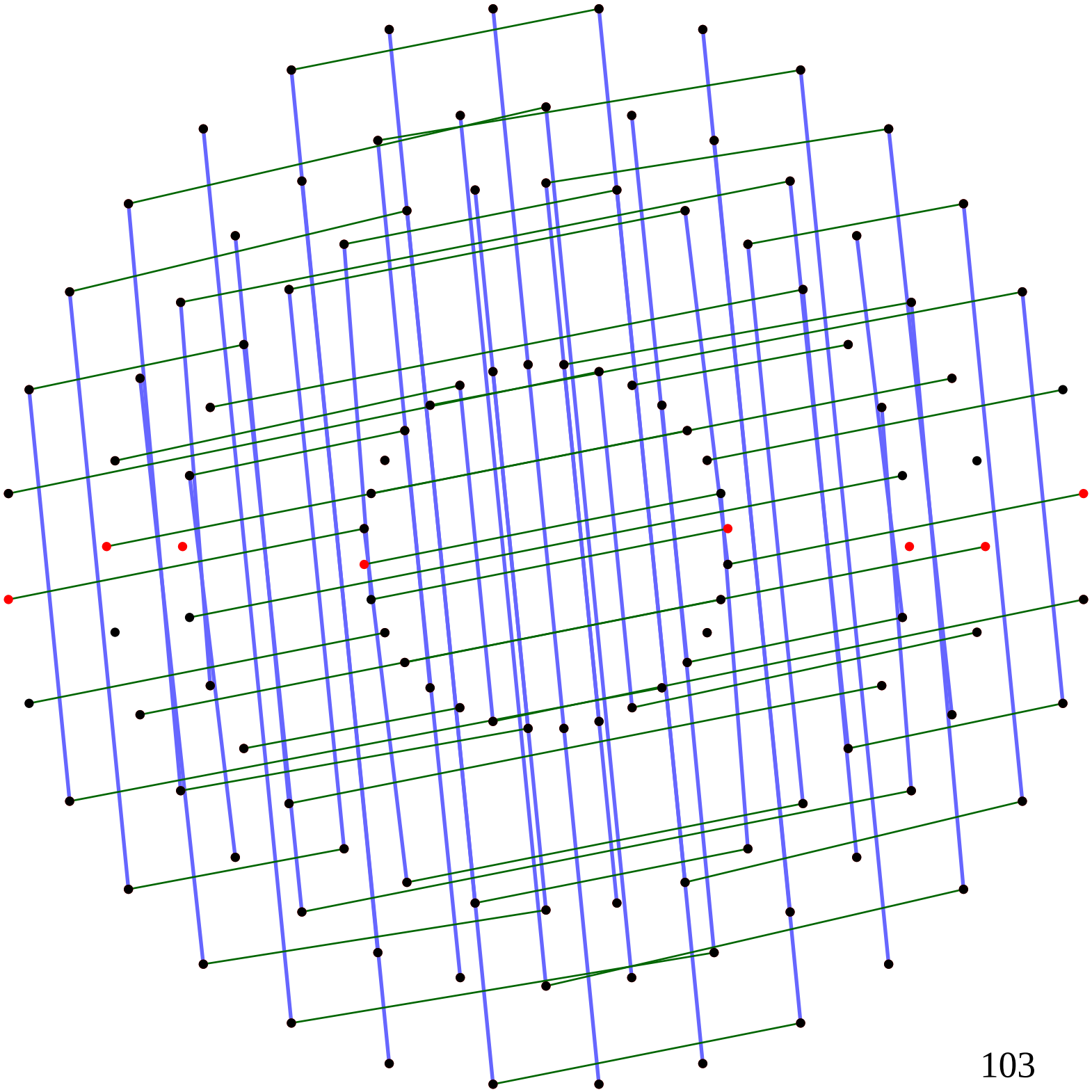
Incompatible [Degree 5.236068]



Negative root for generator 2.

Positive root for 232121321432121321243212 3

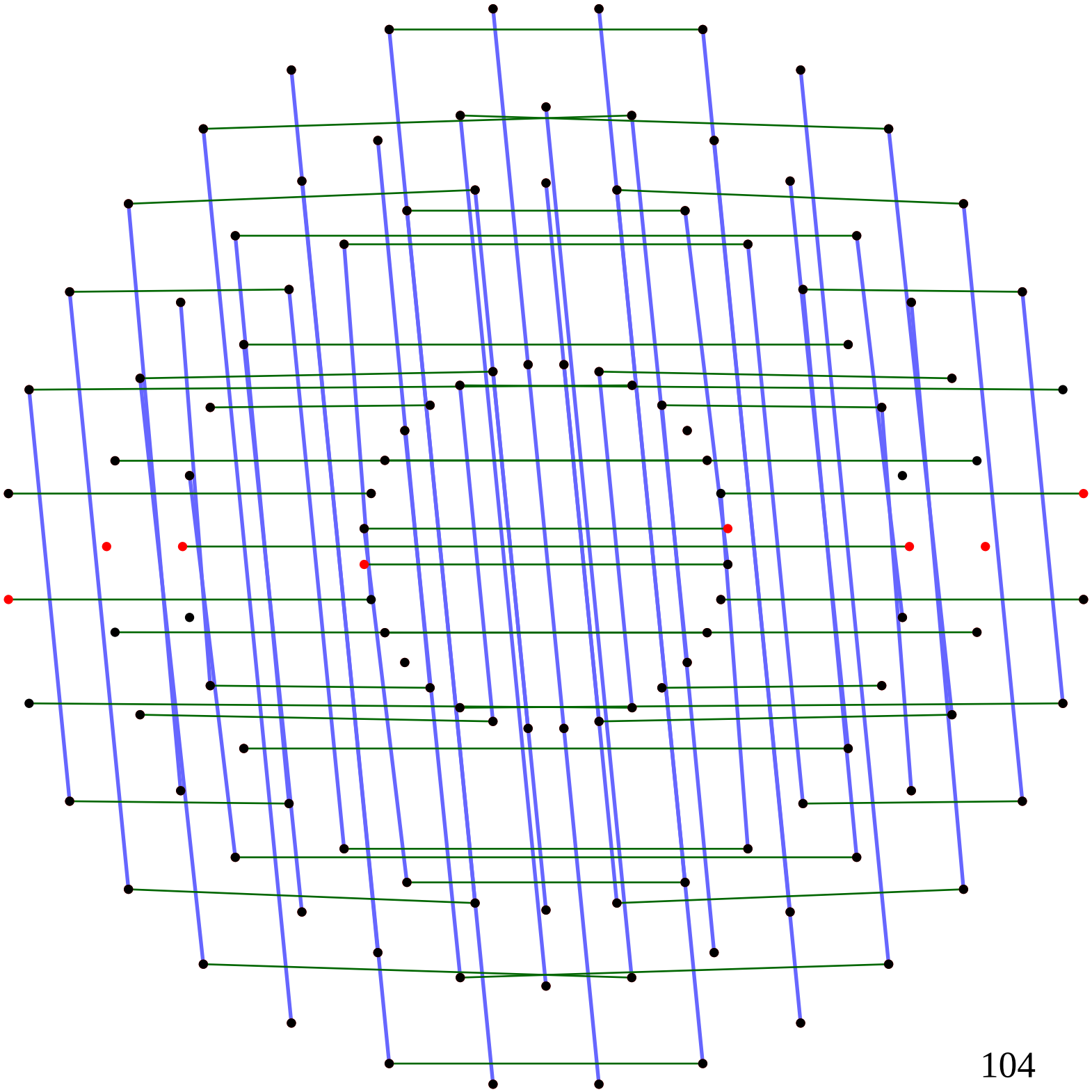
Incompatible [Degree 5.854102]



Negative root for generator 2.

Positive root for 12123212143212132124321 21

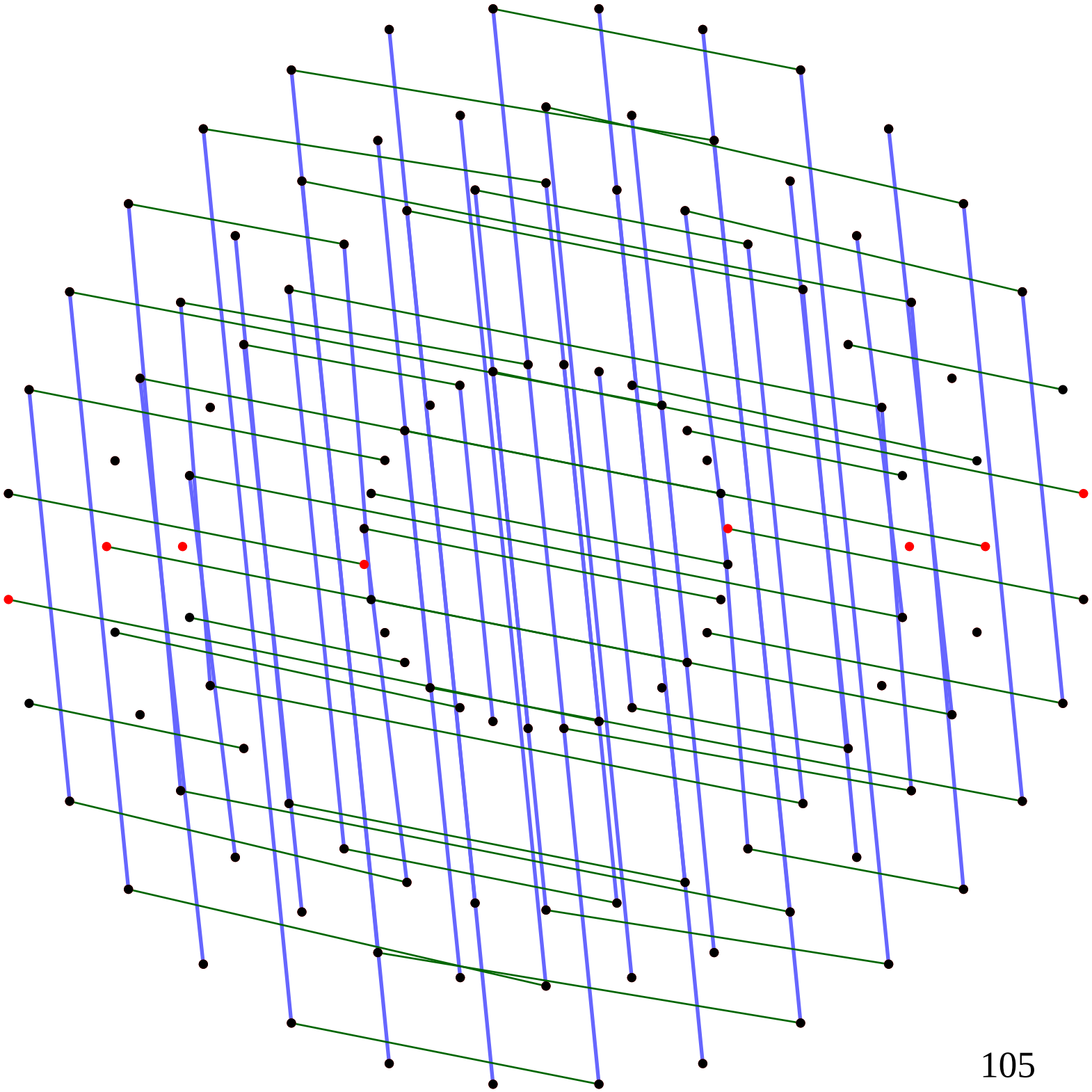
Incompatible [Degree 5.854102]



Negative root for generator 2.

Positive root for 34321213212343213212343

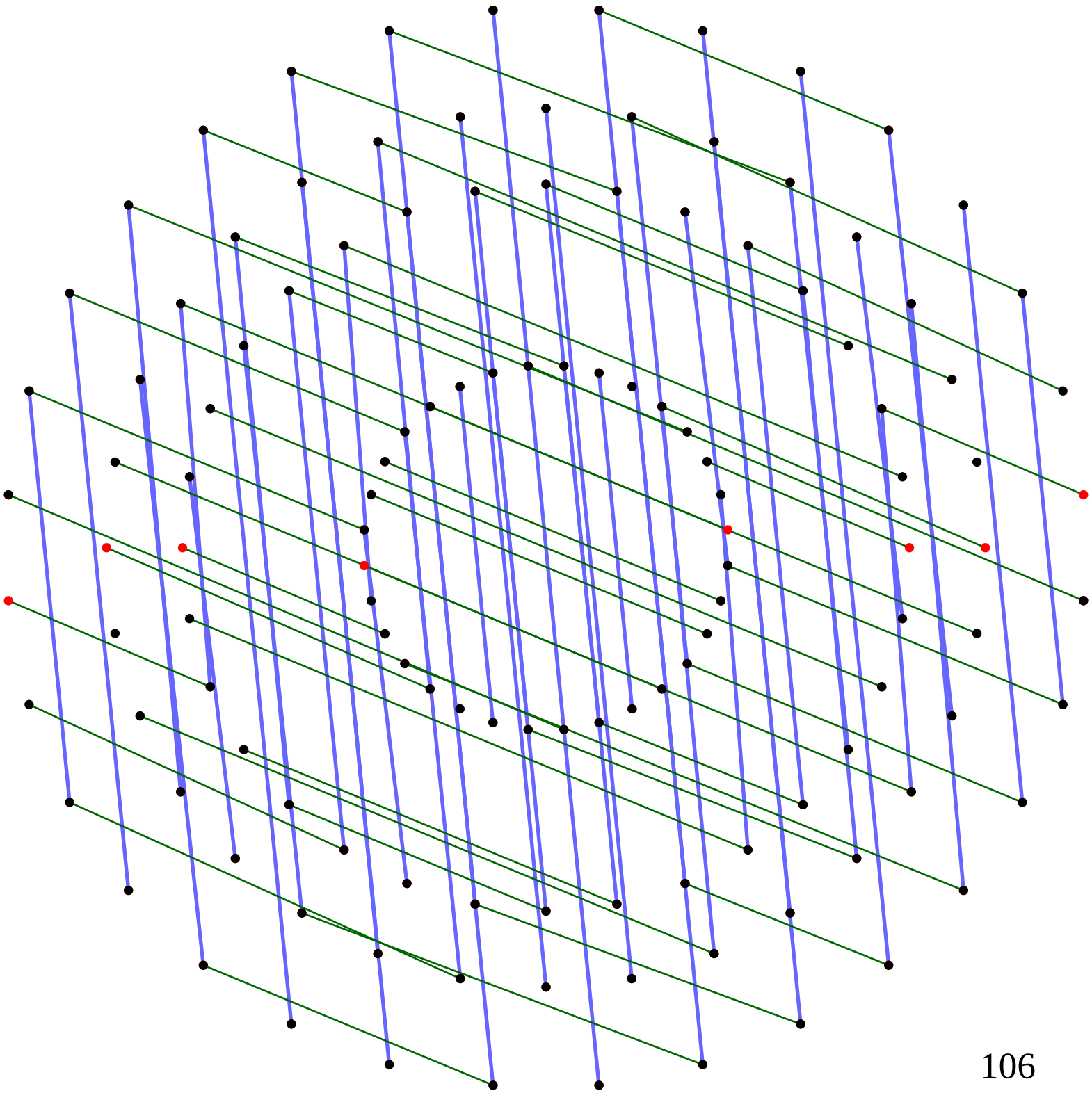
Incompatible [Degree 5.236068]



Negative root for generator 2.

Positive root for 321213212343212132123

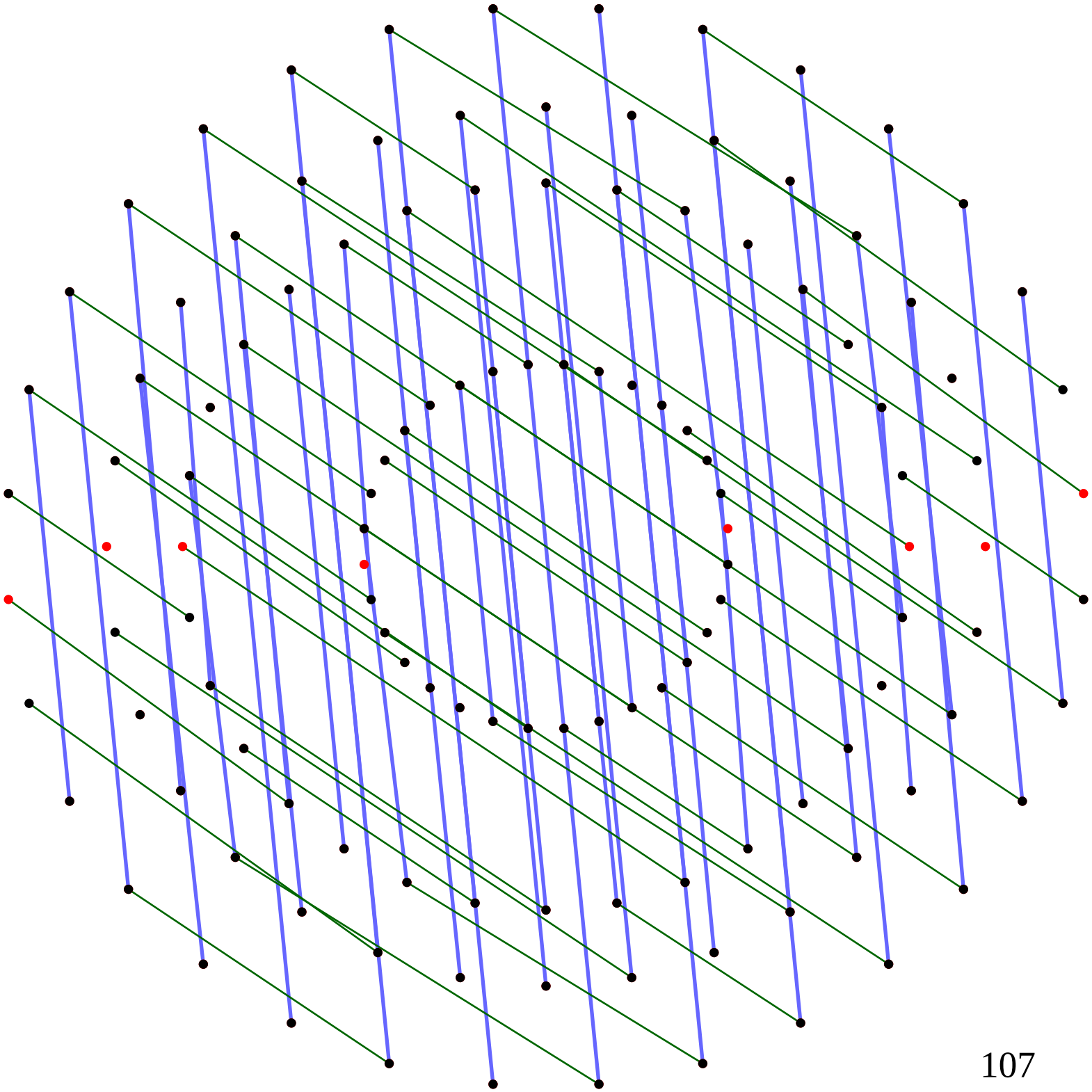
Incompatible [Degree 5.236068]



Negative root for generator 2.

Positive root for 12132143212132143 21

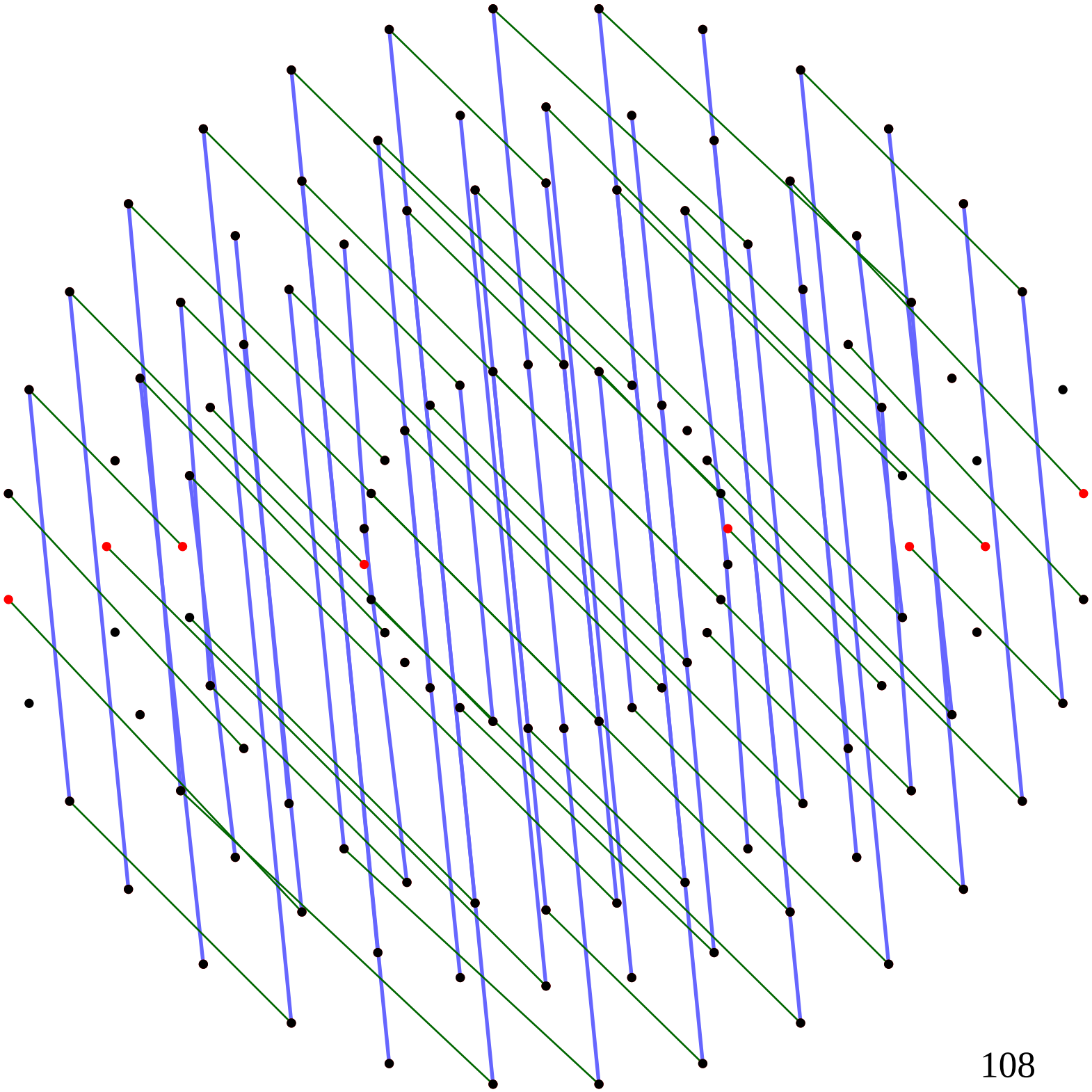
Incompatible [Degree 4.236068]



Negative root for generator 2.

Positive root for 32121432121321243

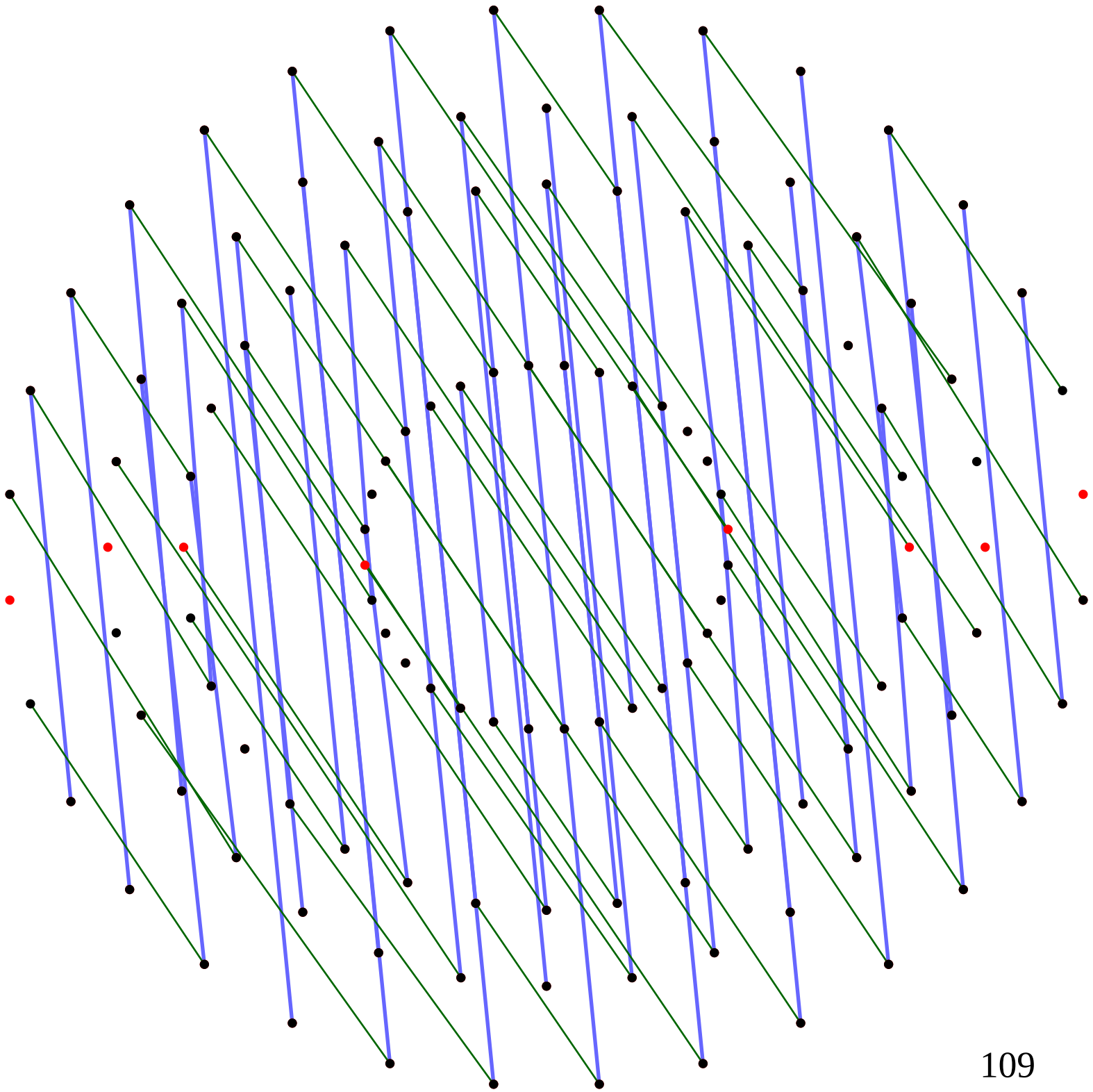
Incompatible [Degree 3.236068]



Negative root for generator 2.

Positive root for 12132121321

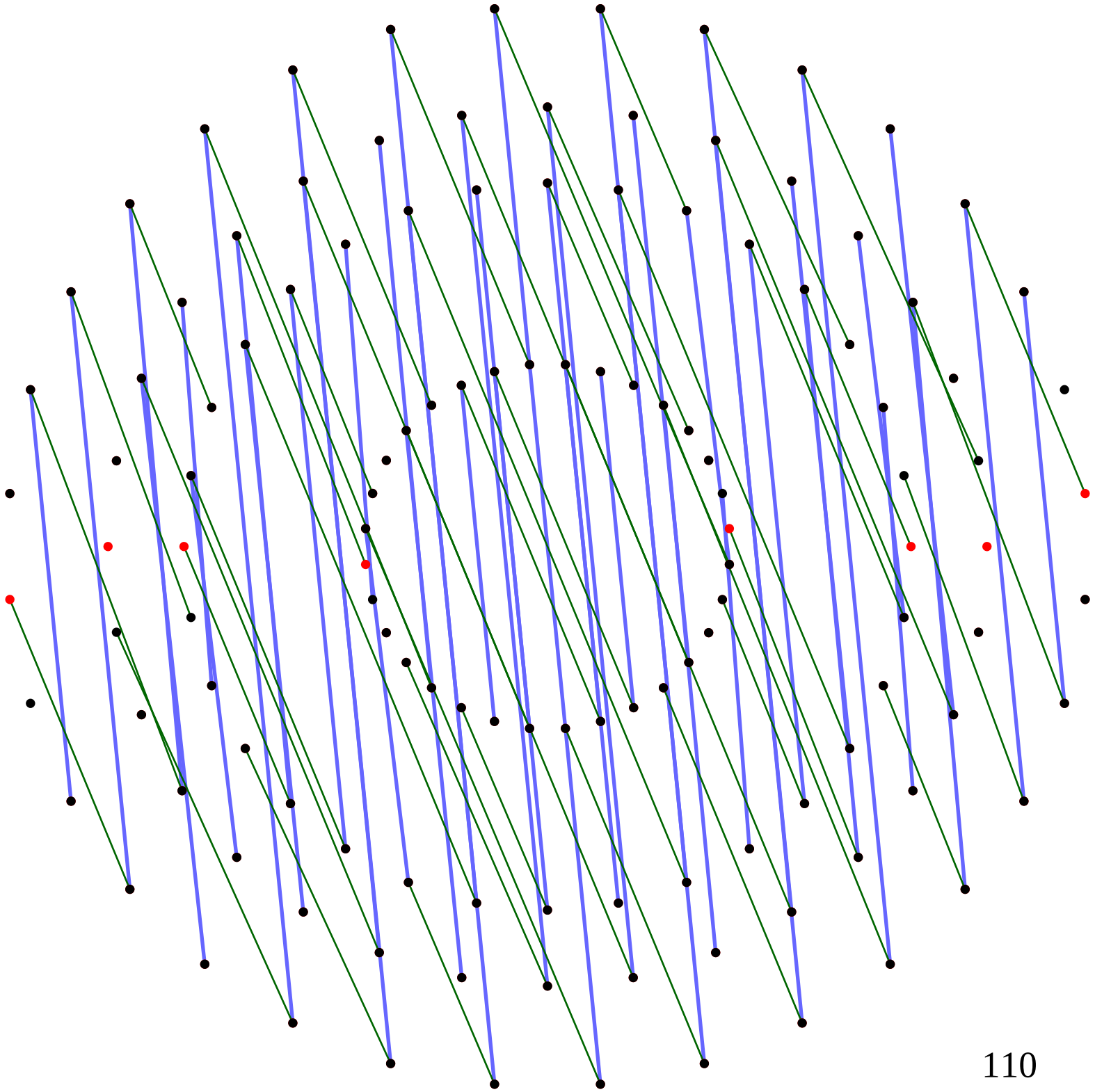
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 1234321

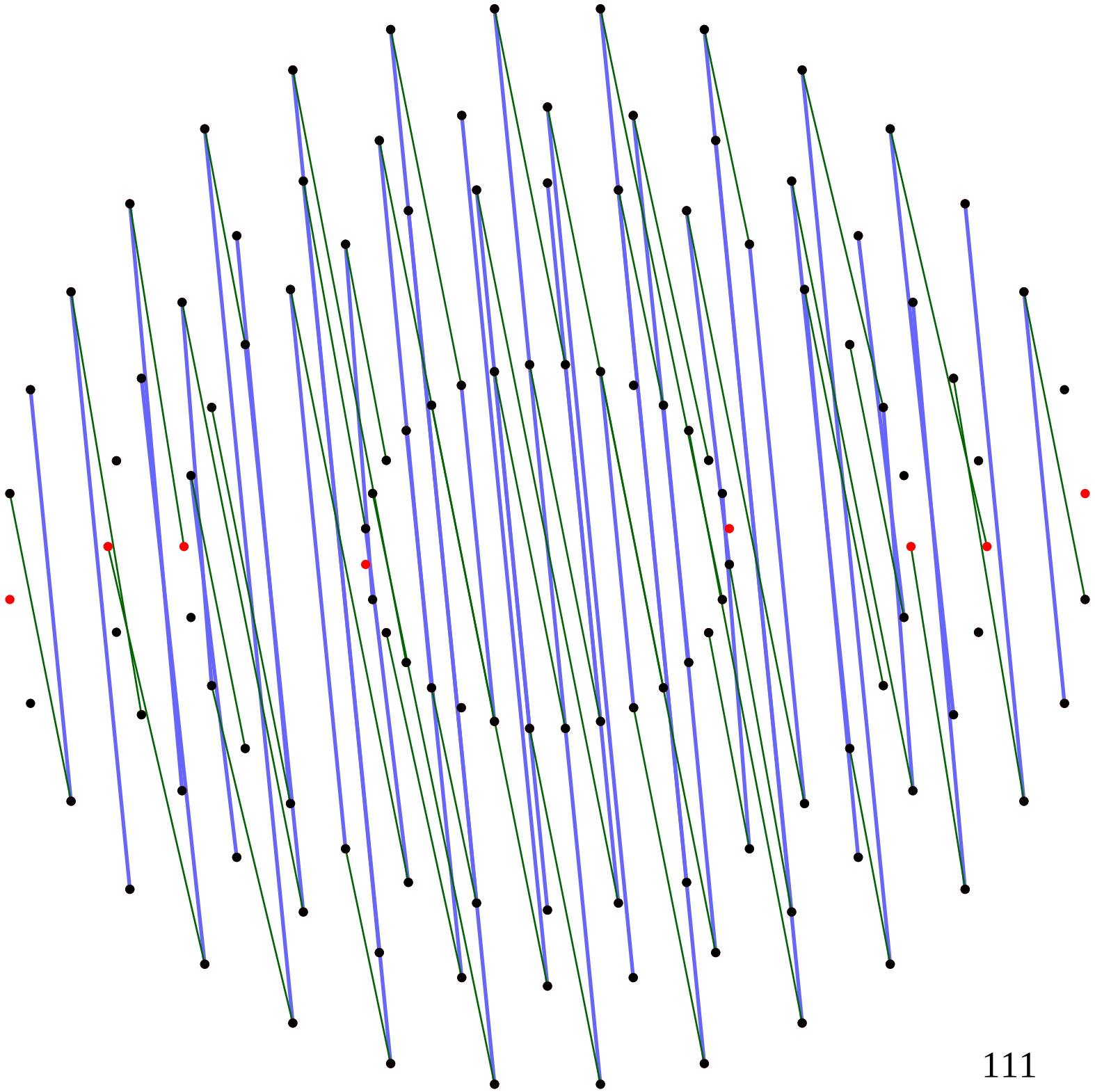
Incompatible [Degree 1]



Negative root for generator 2.

Positive root for 3

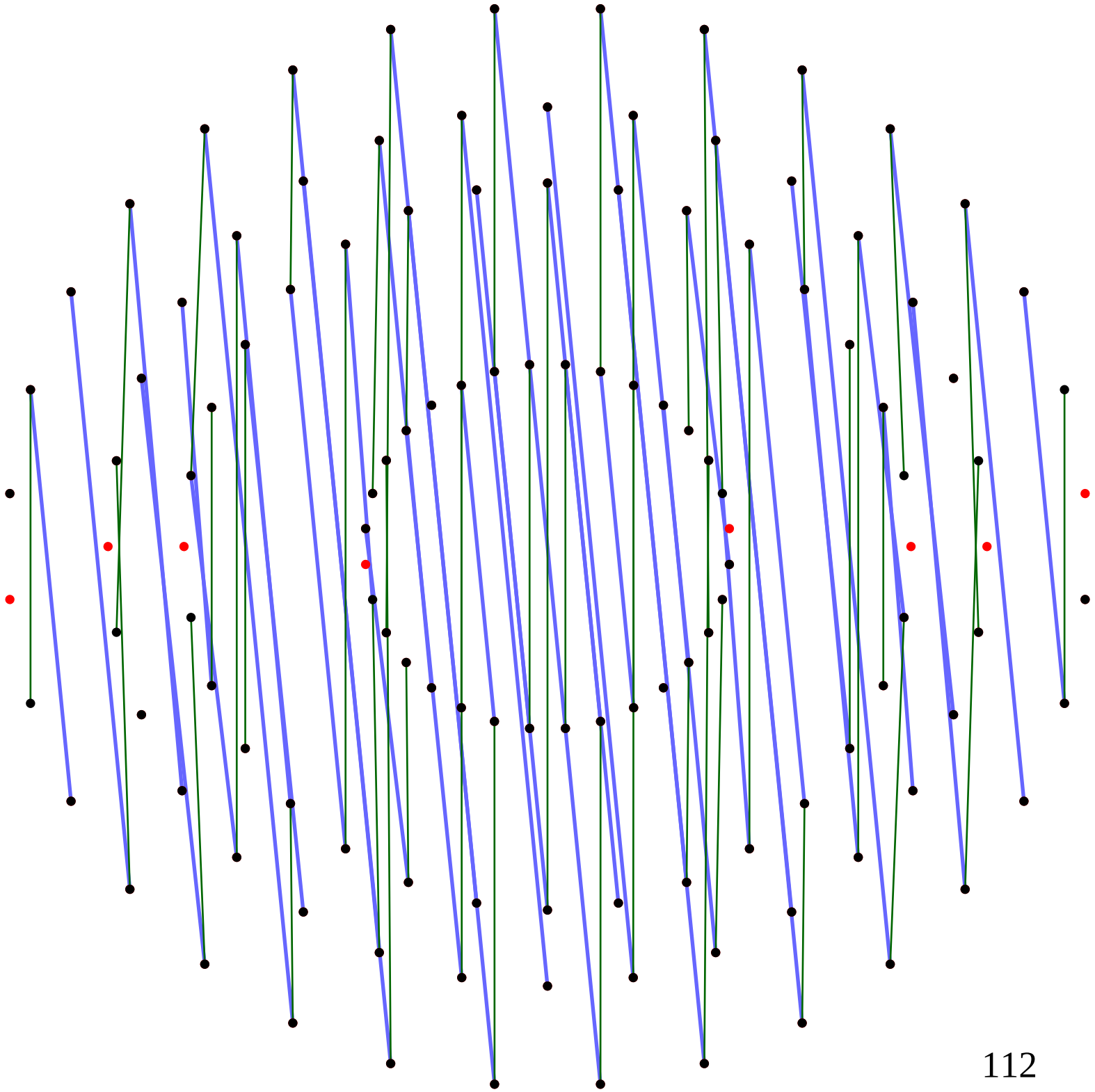
Compatible



Negative root for generator 2.

Negative root for generator 3.

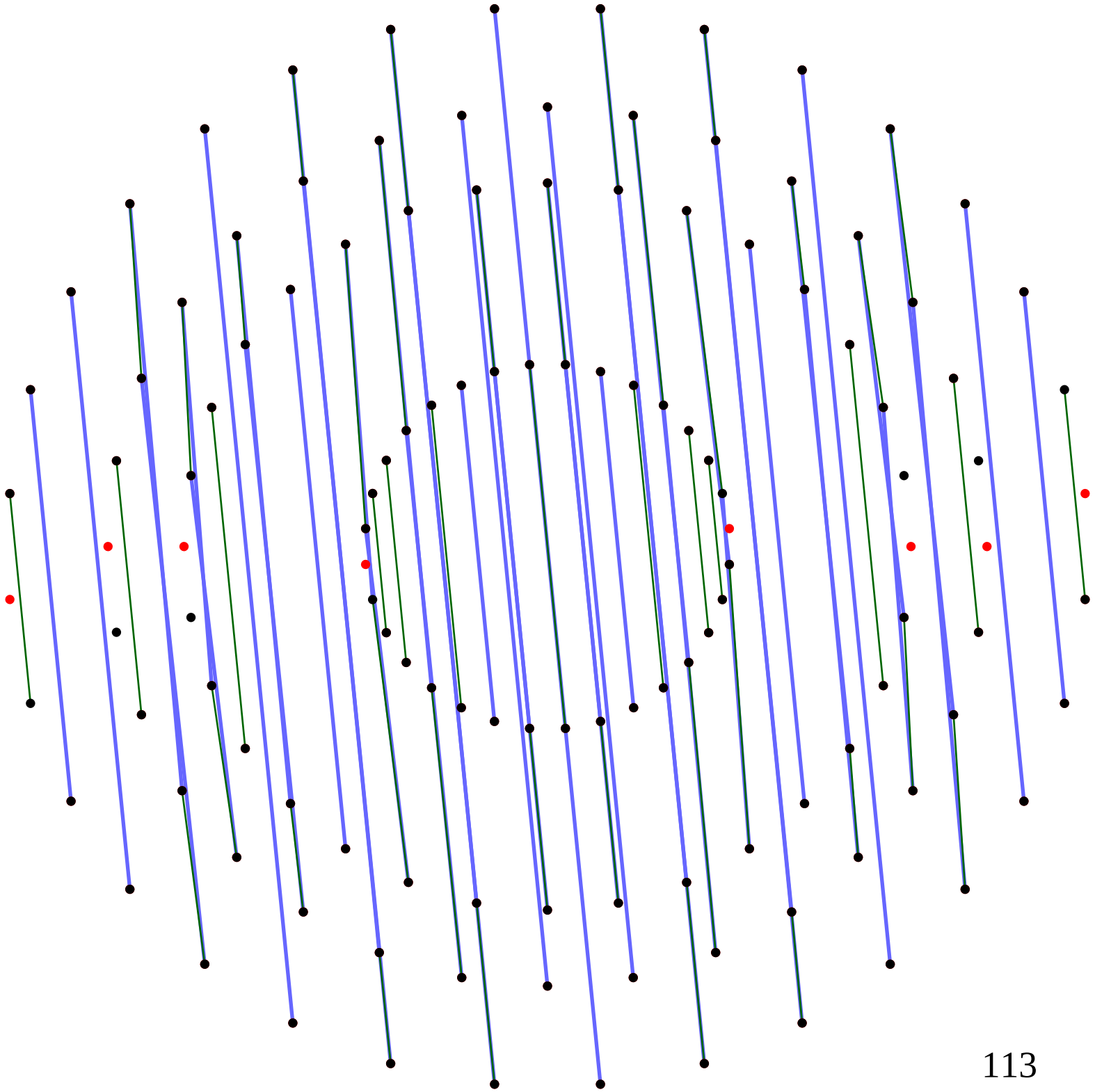
Compatible



Negative root for generator 2.

Negative root for generator 4.

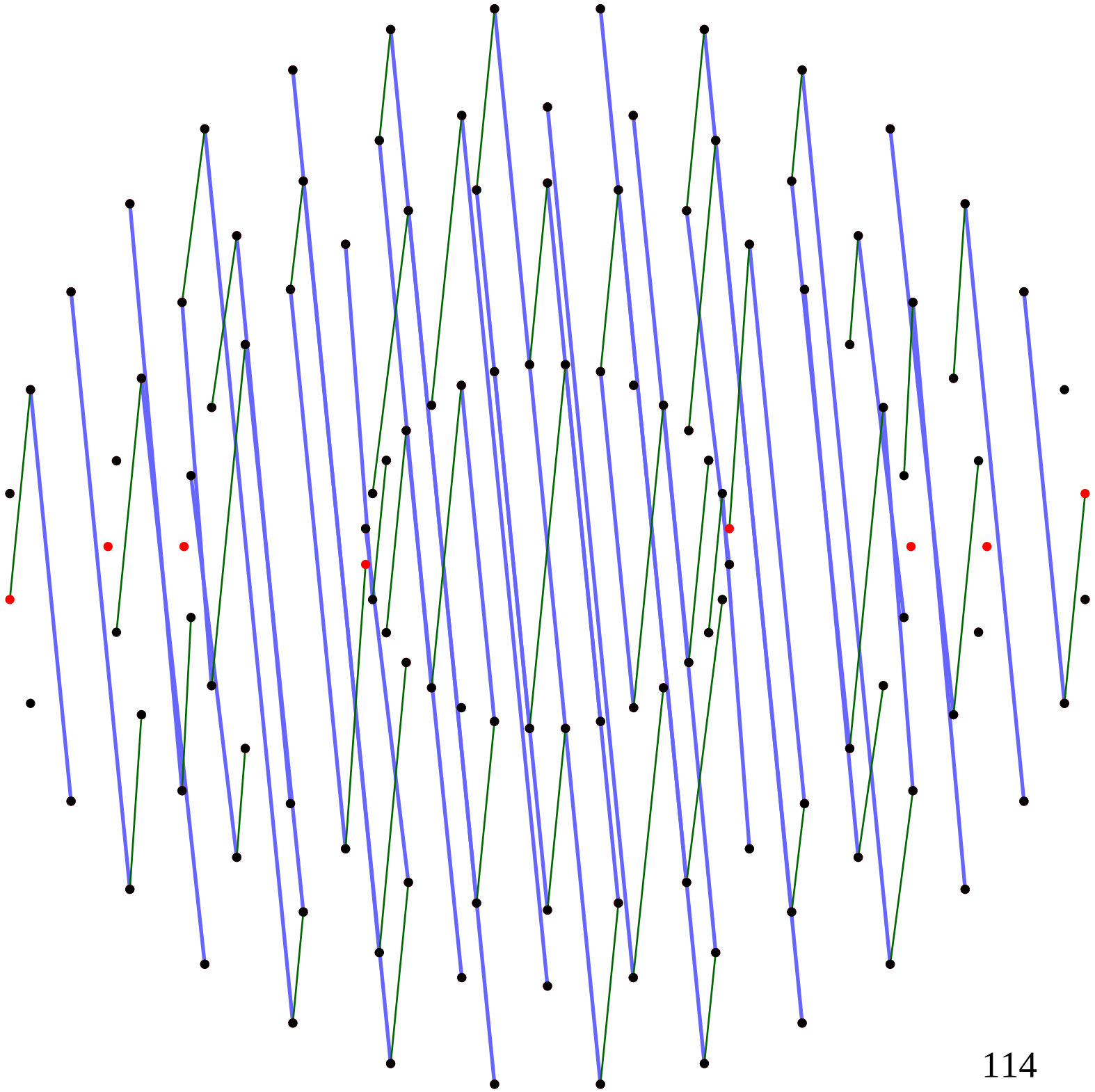
Compatible



Negative root for generator 2.

Positive root for 4

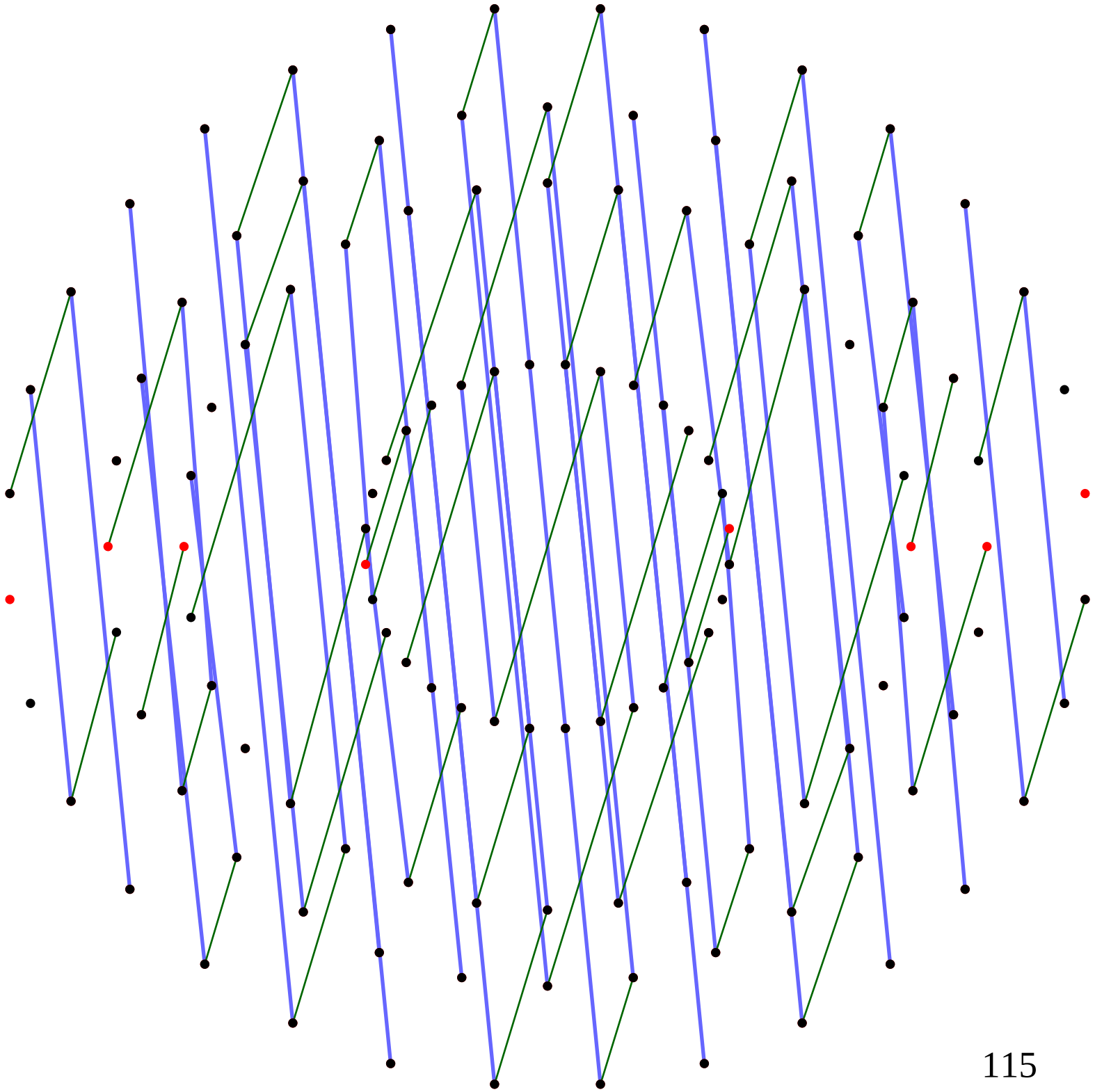
Compatible



Negative root for generator 2.

Positive root for 232

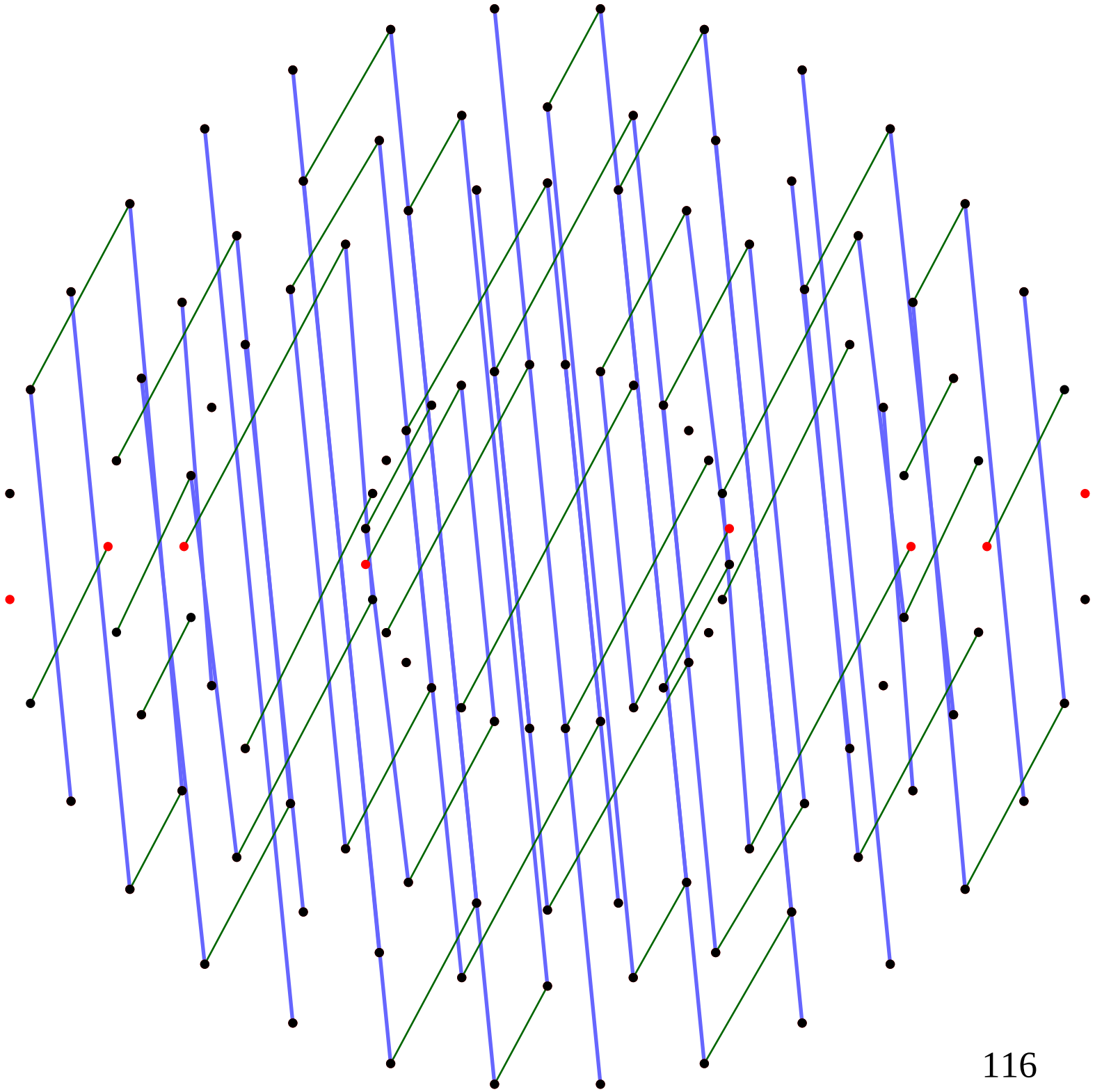
Incompatible [Degree 1]



Negative root for generator 2.

Positive root for 12121

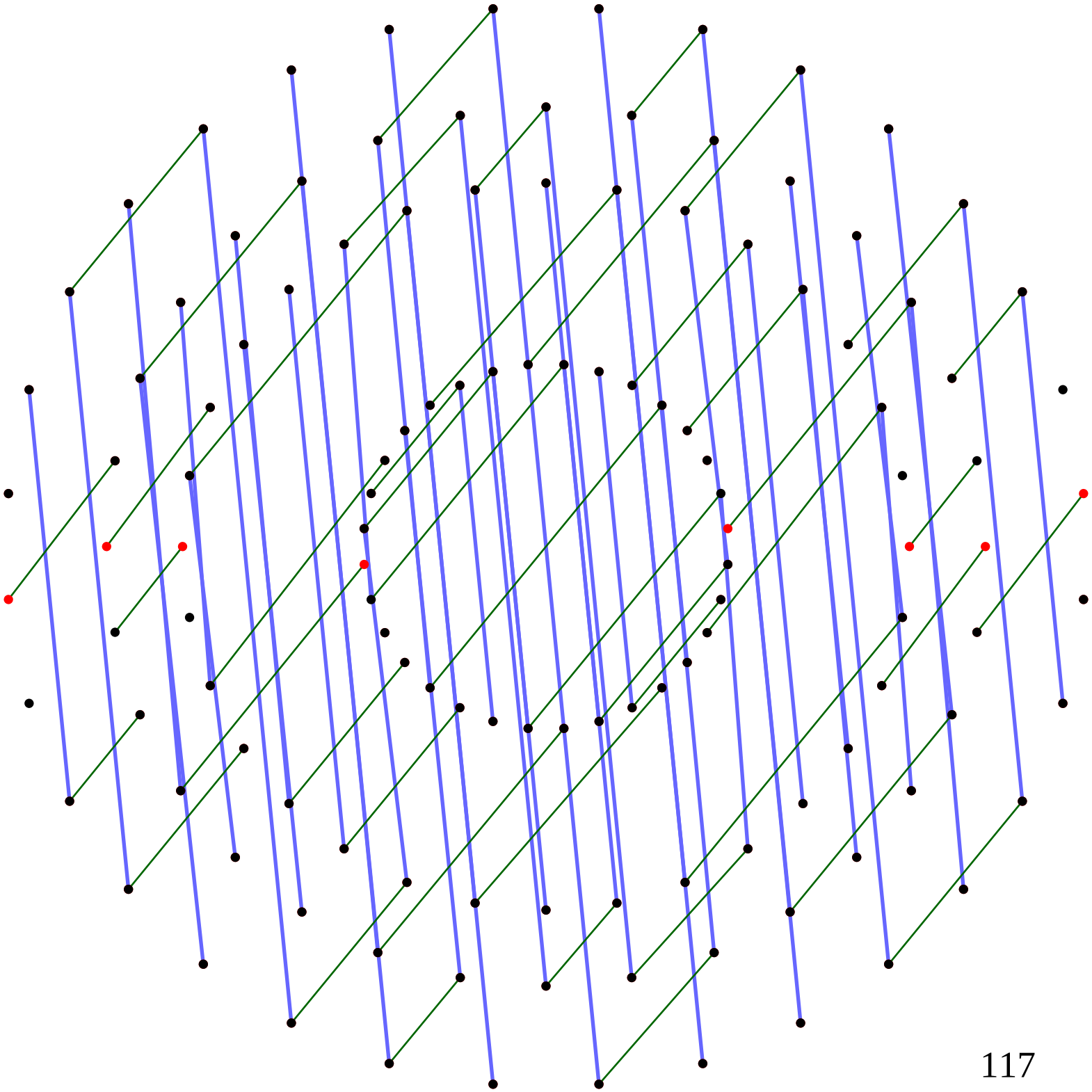
Incompatible [Degree 1.618034]



Negative root for generator 2.

Positive root for 4321234

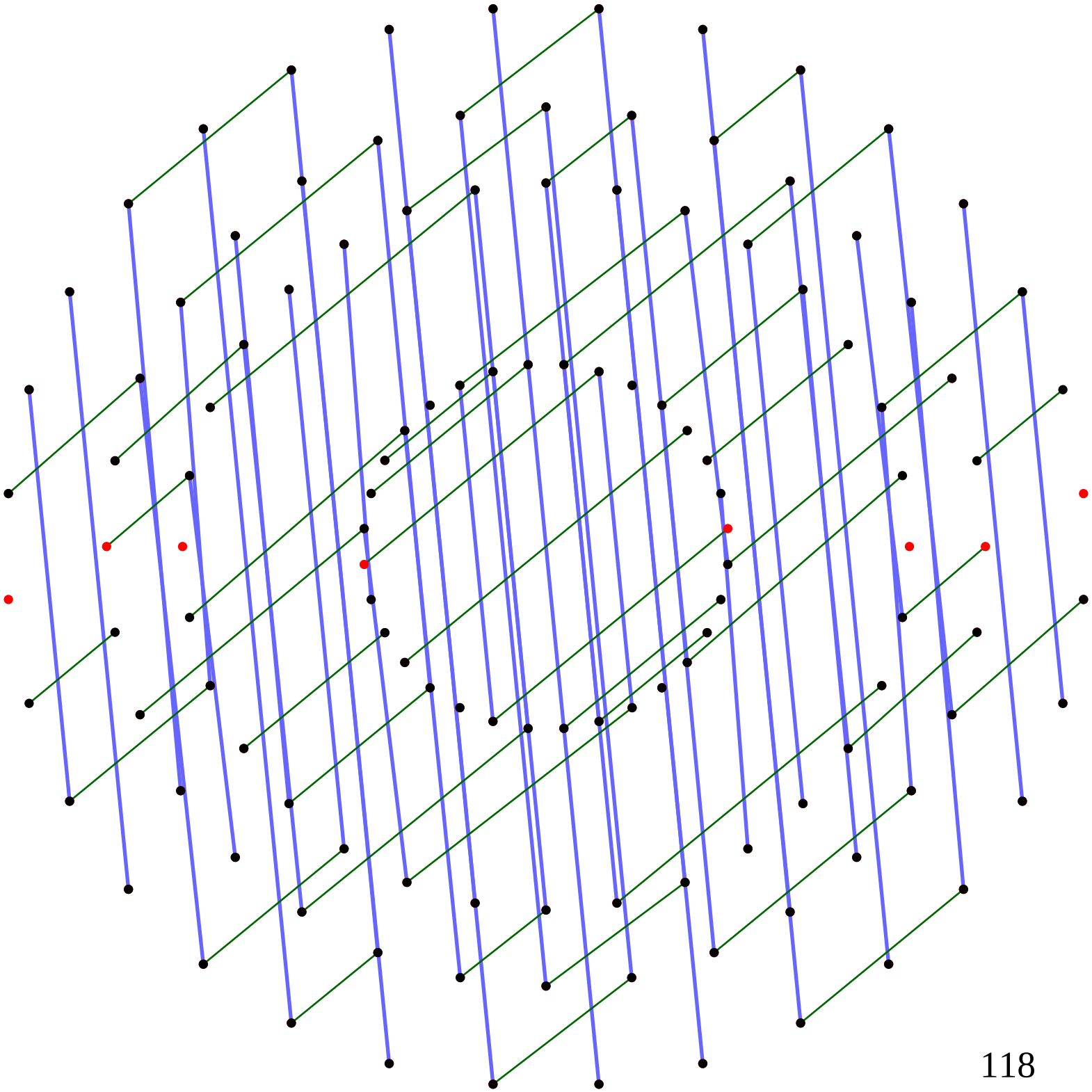
Incompatible [Degree 1.618034]



Negative root for generator 2.

Positive root for 213212132

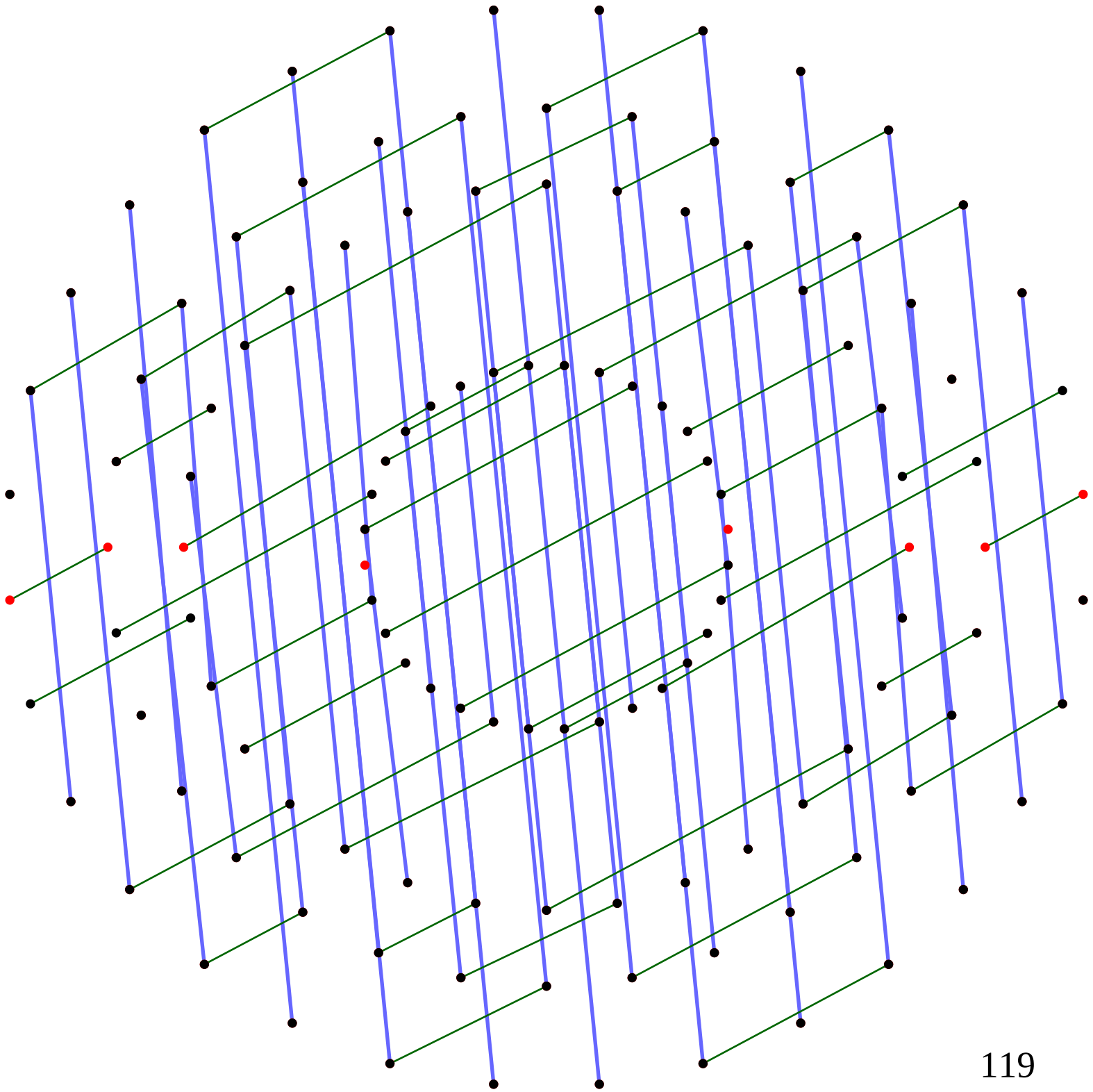
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 12123432121

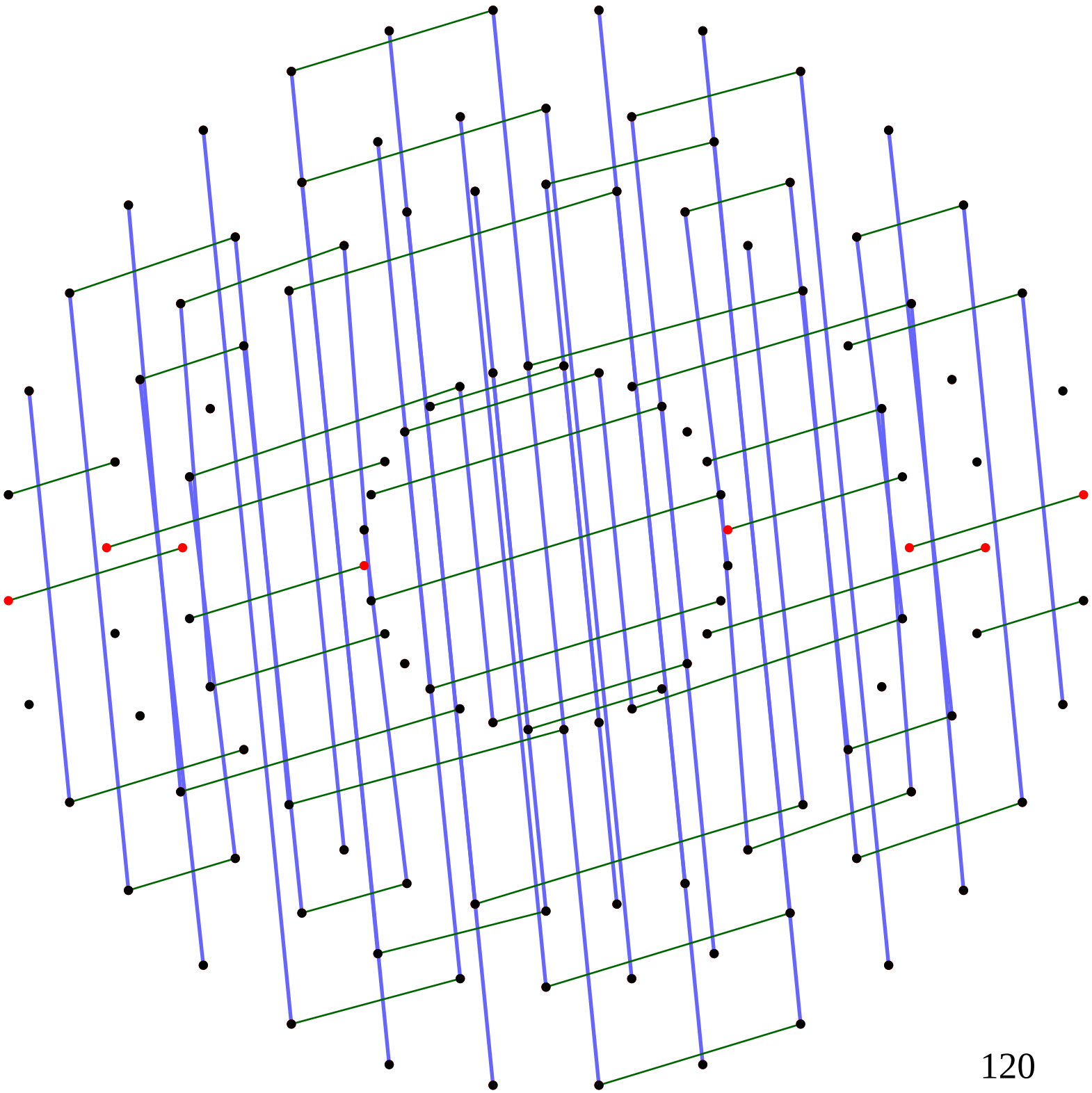
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 3214321213243

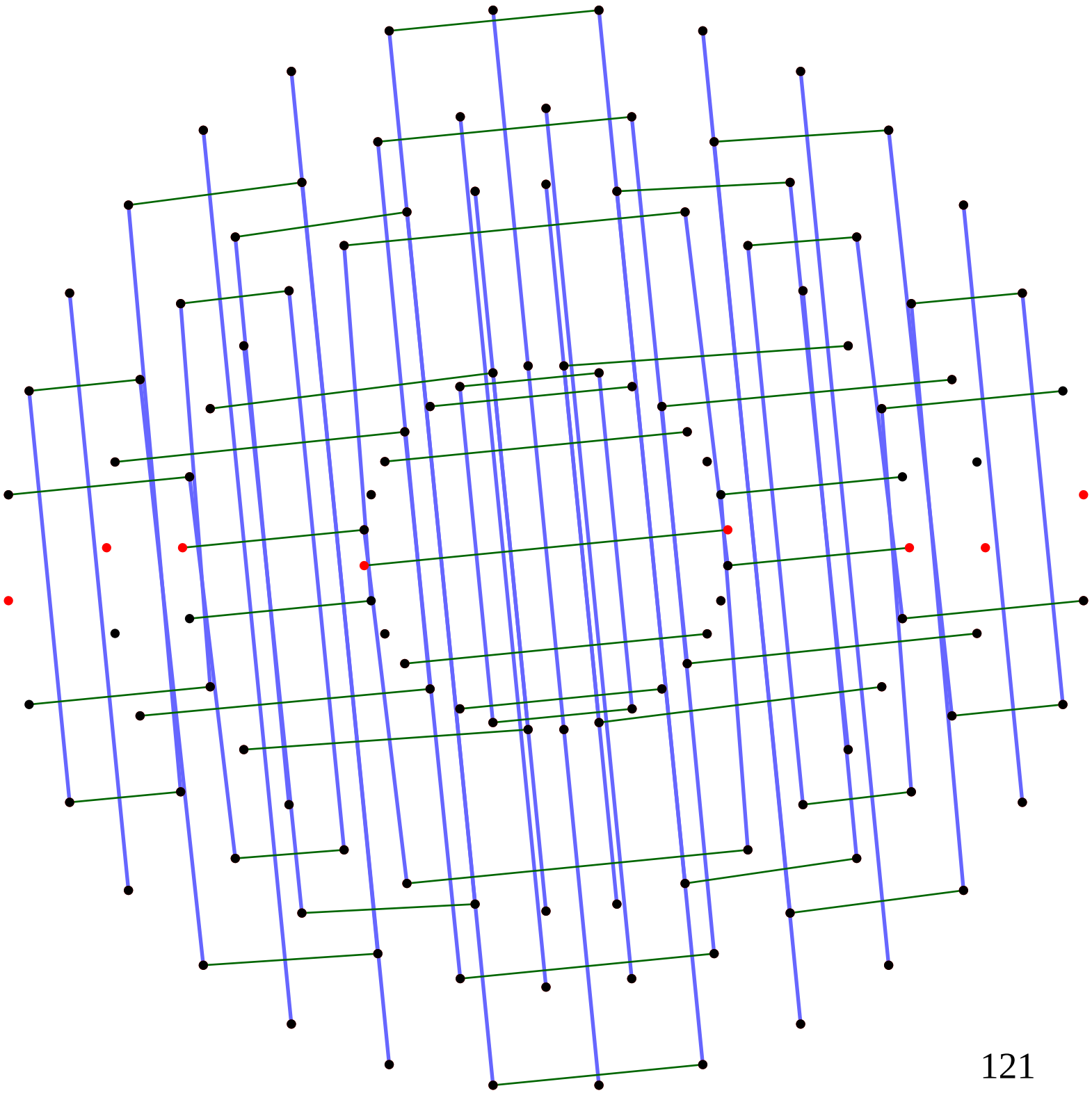
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 2121321213212

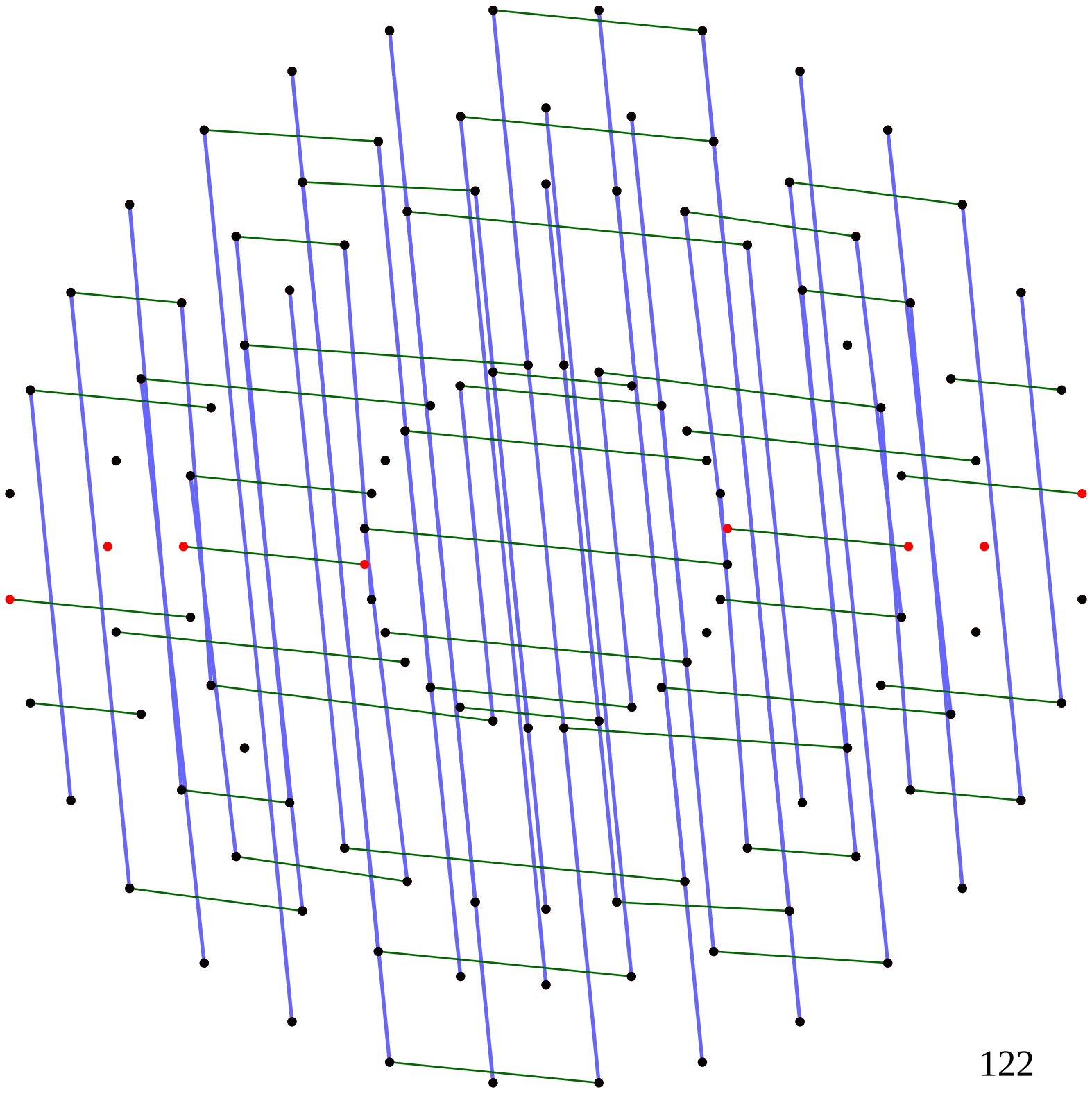
Incompatible [Degree 3.236068]



Negative root for generator 2.

Positive root for 1214321213214

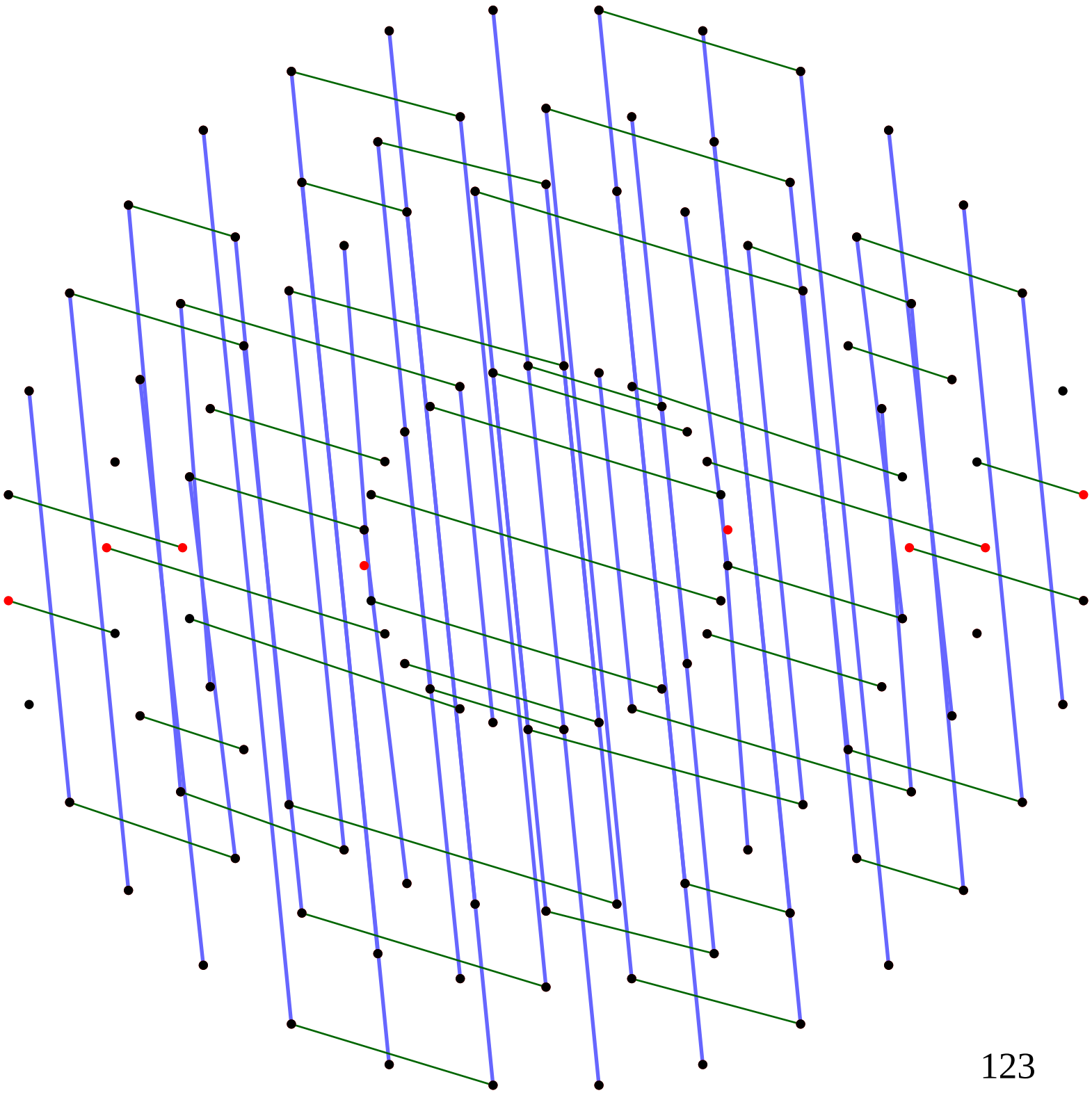
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 32123432123

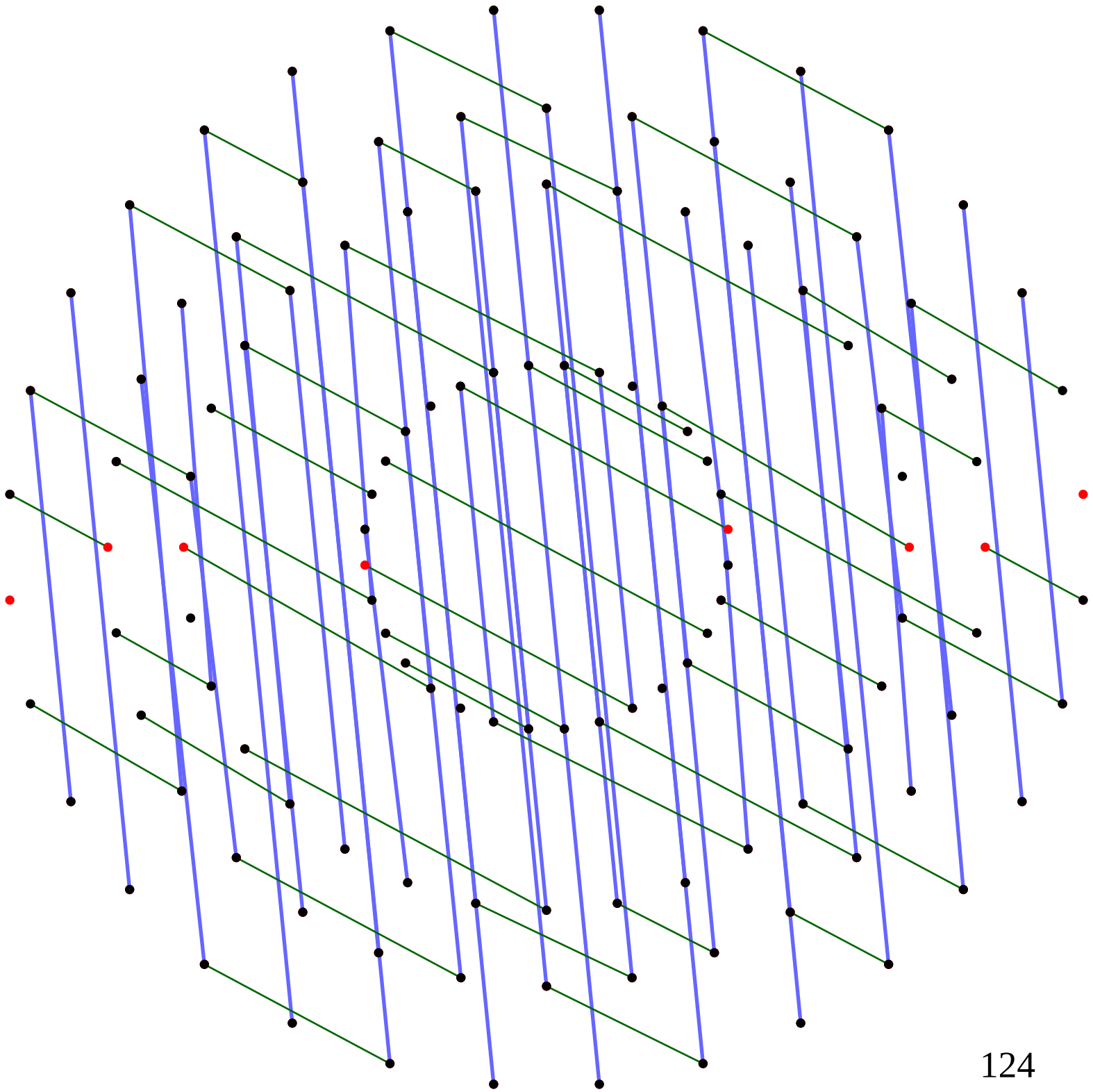
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 121232121

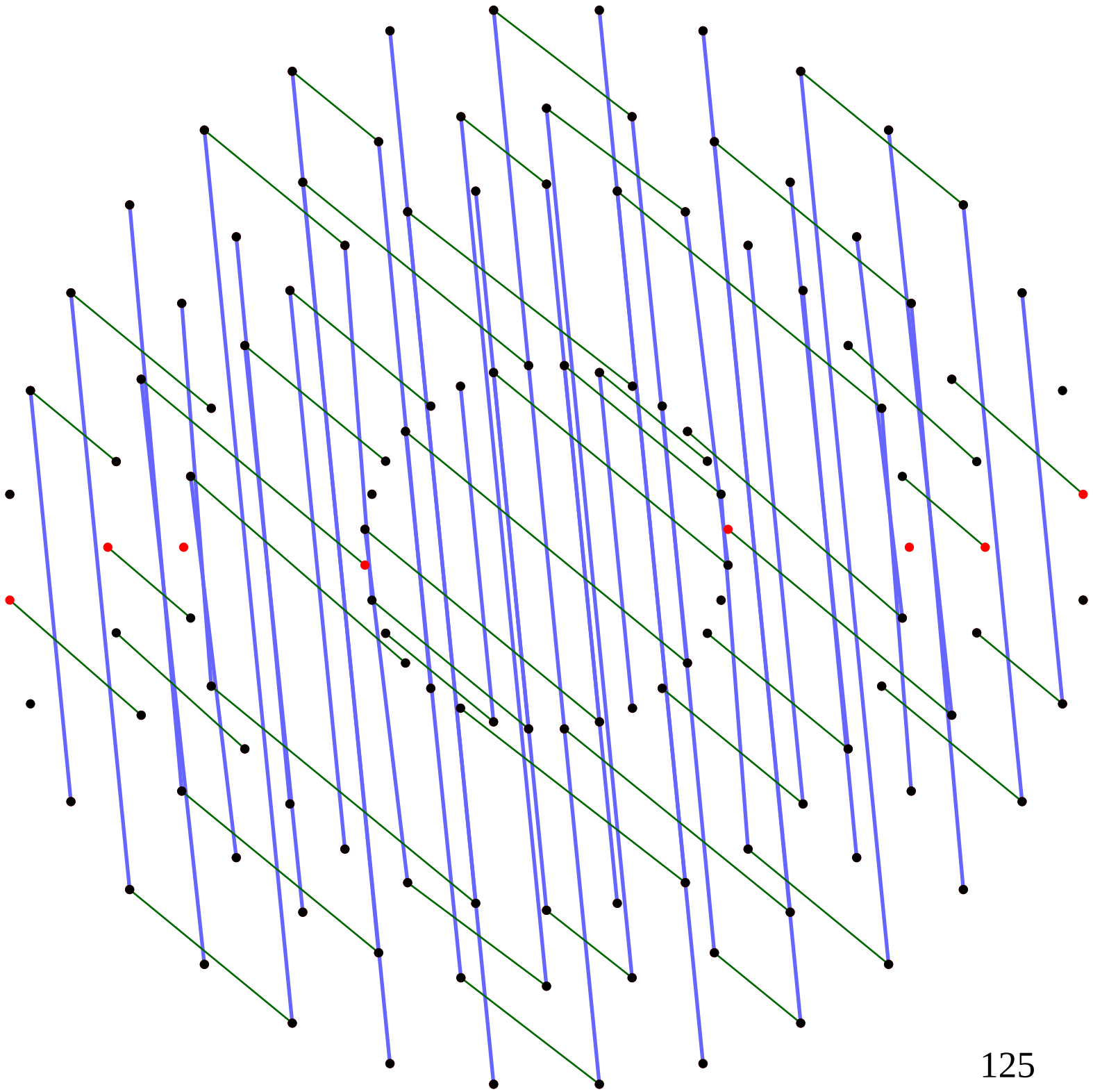
Incompatible [Degree 2.618034]



Negative root for generator 2.

Positive root for 143212134

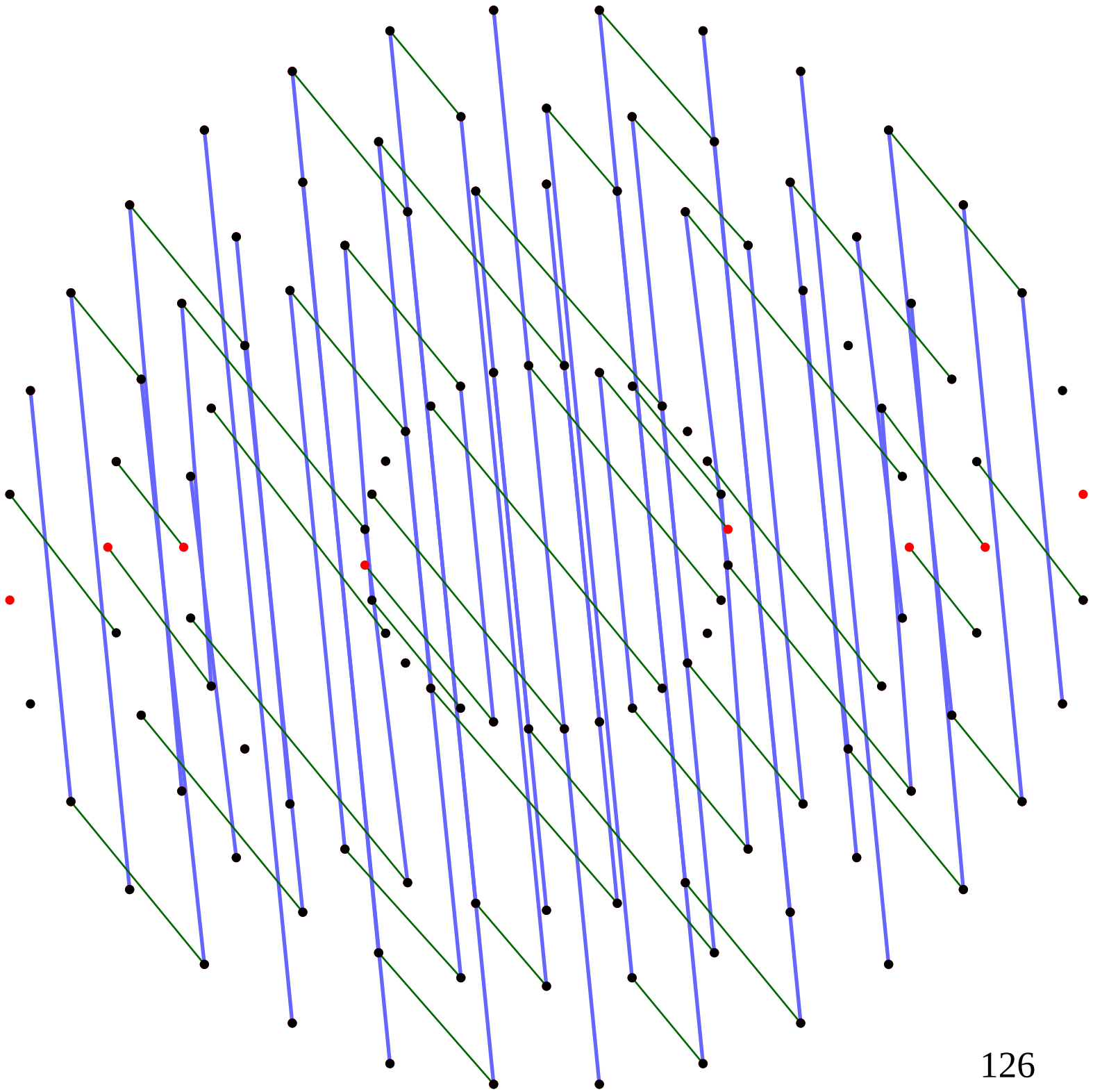
Incompatible [Degree 1.618034]



Negative root for generator 2.

Positive root for 32123

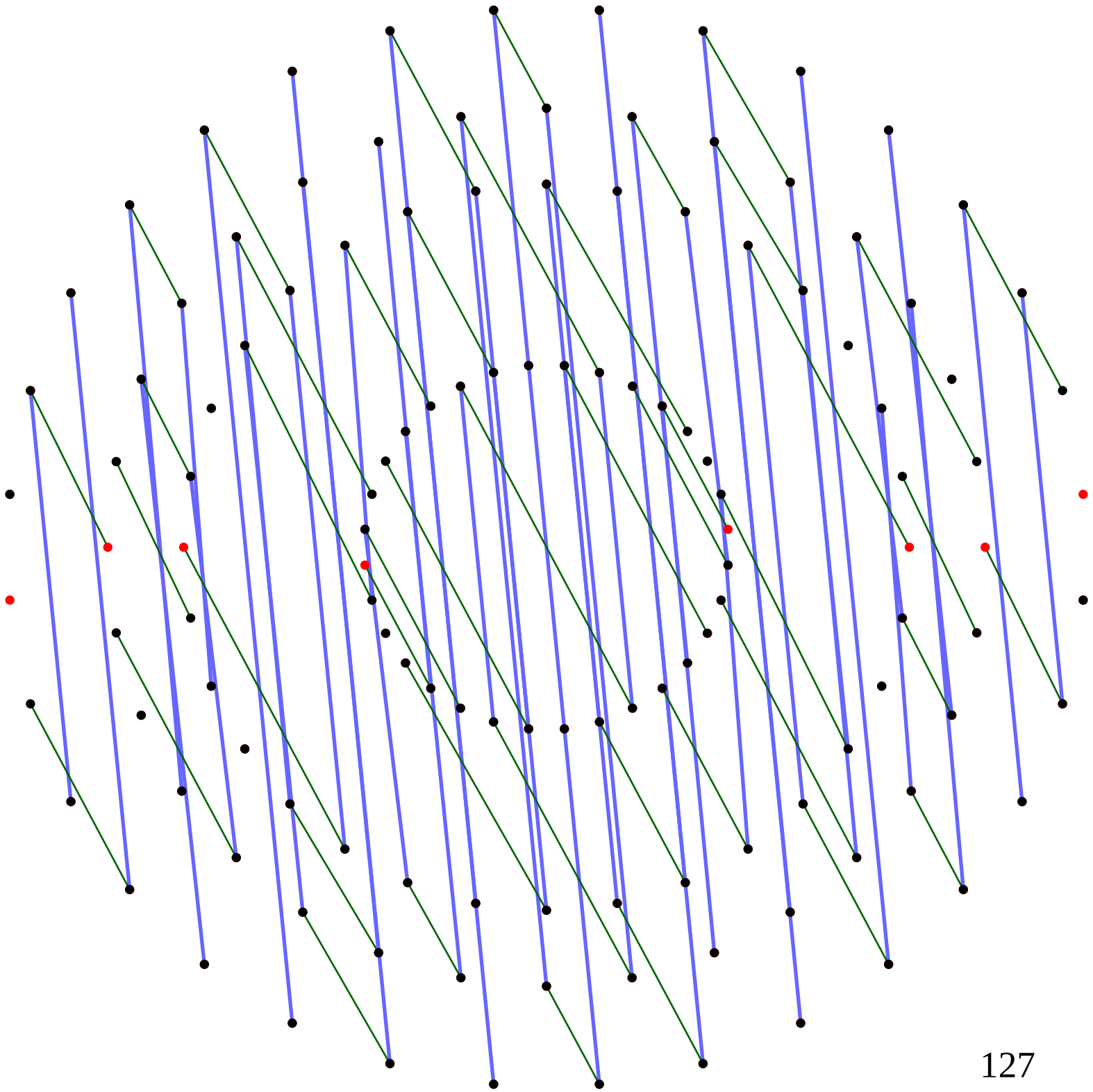
Incompatible [Degree 1.618034]



Negative root for generator 2.

Positive root for 121

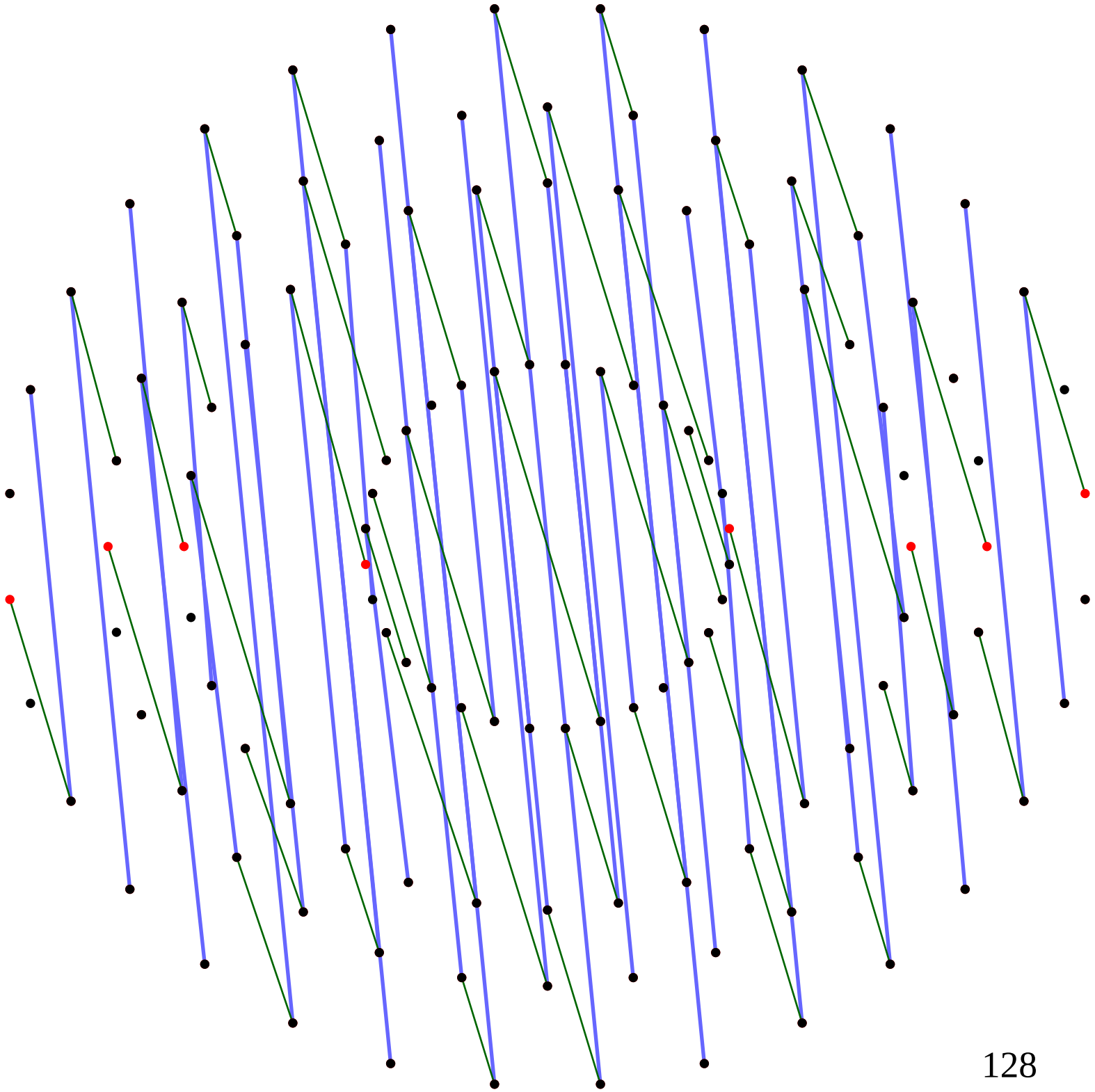
Incompatible [Degree 1]



Negative root for generator 2.

Positive root for 343

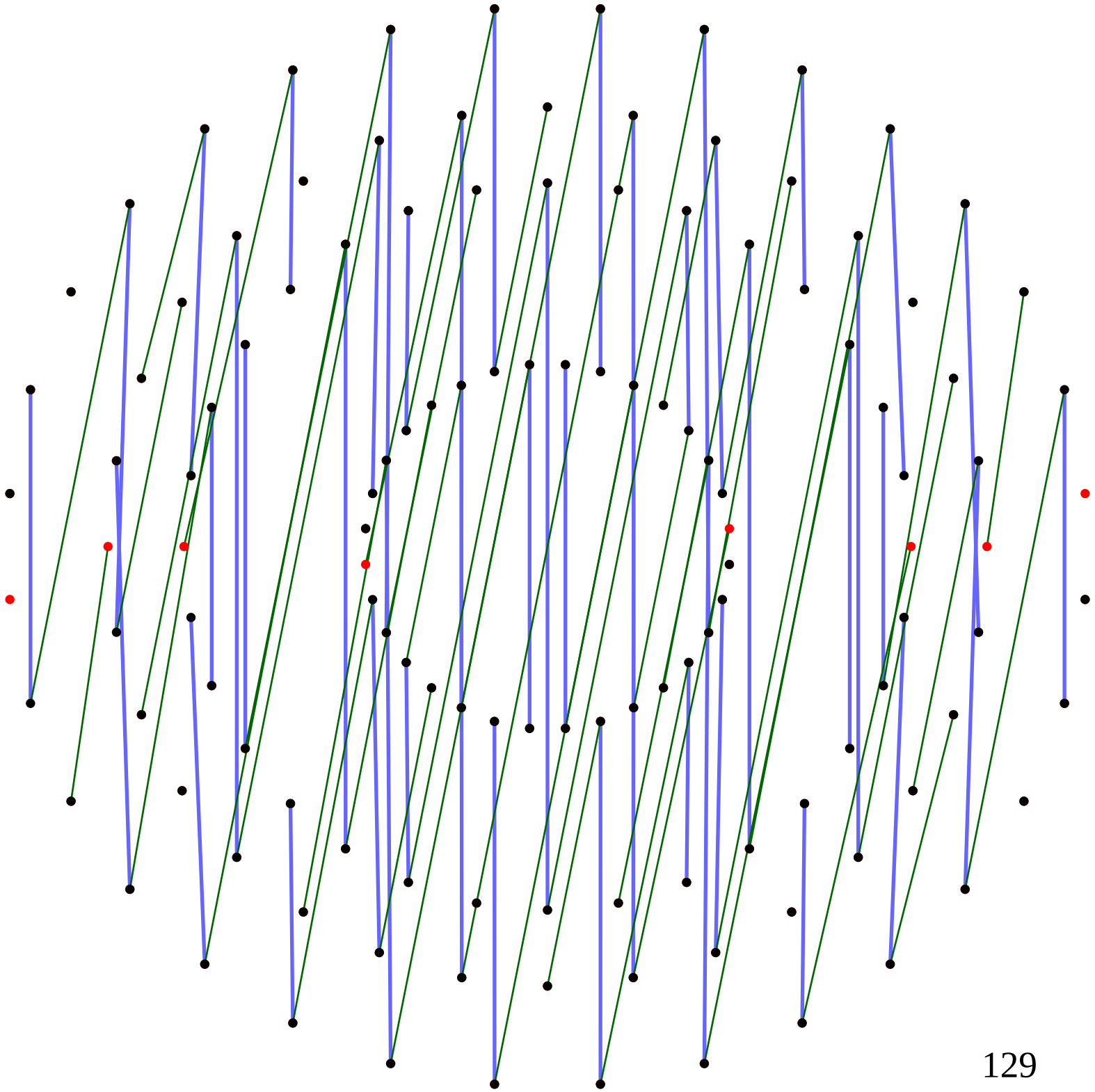
Compatible



Negative root for generator 3.

Positive root for 212

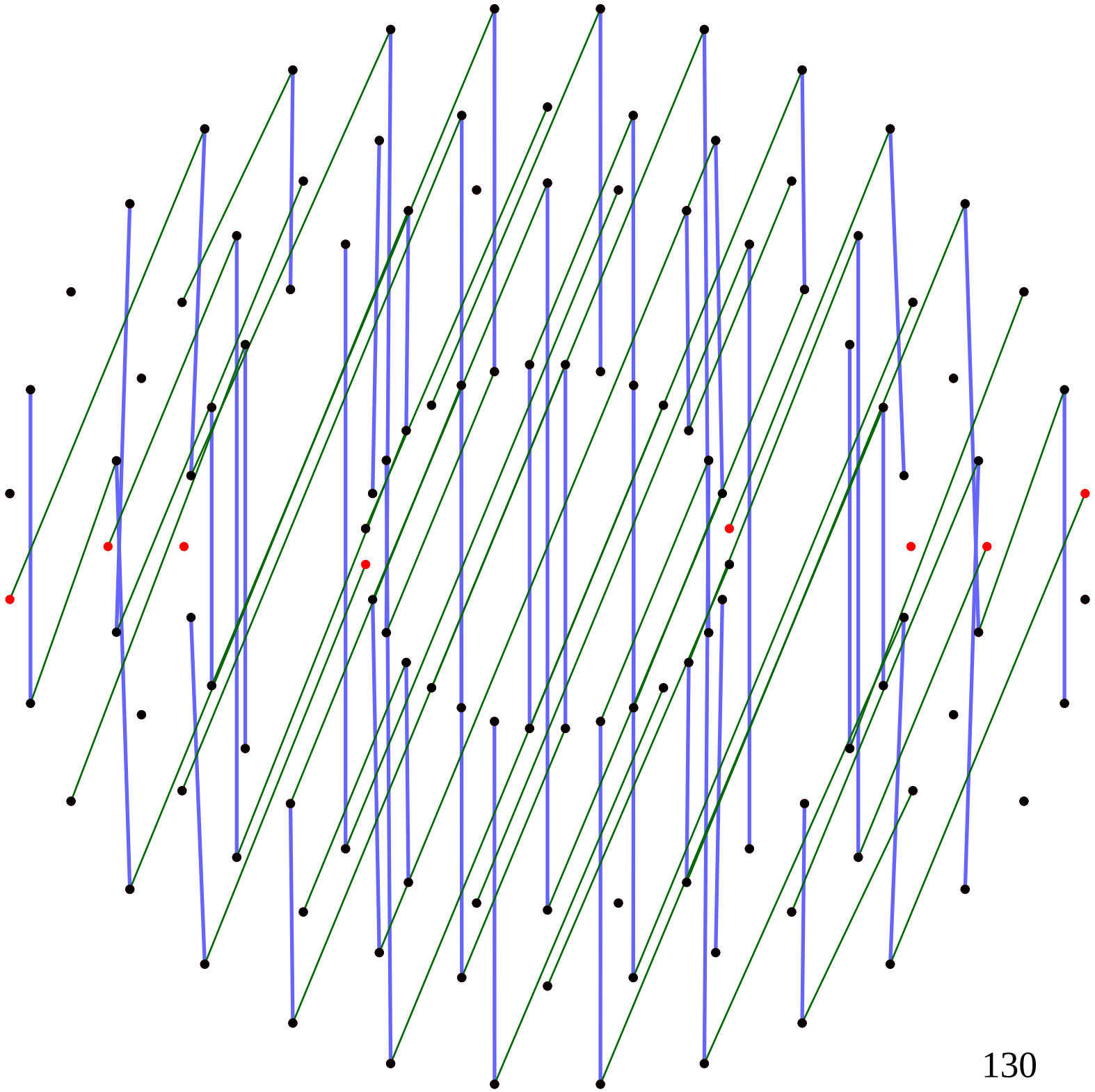
Compatible



Negative root for generator 3.

Positive root for 21432121324

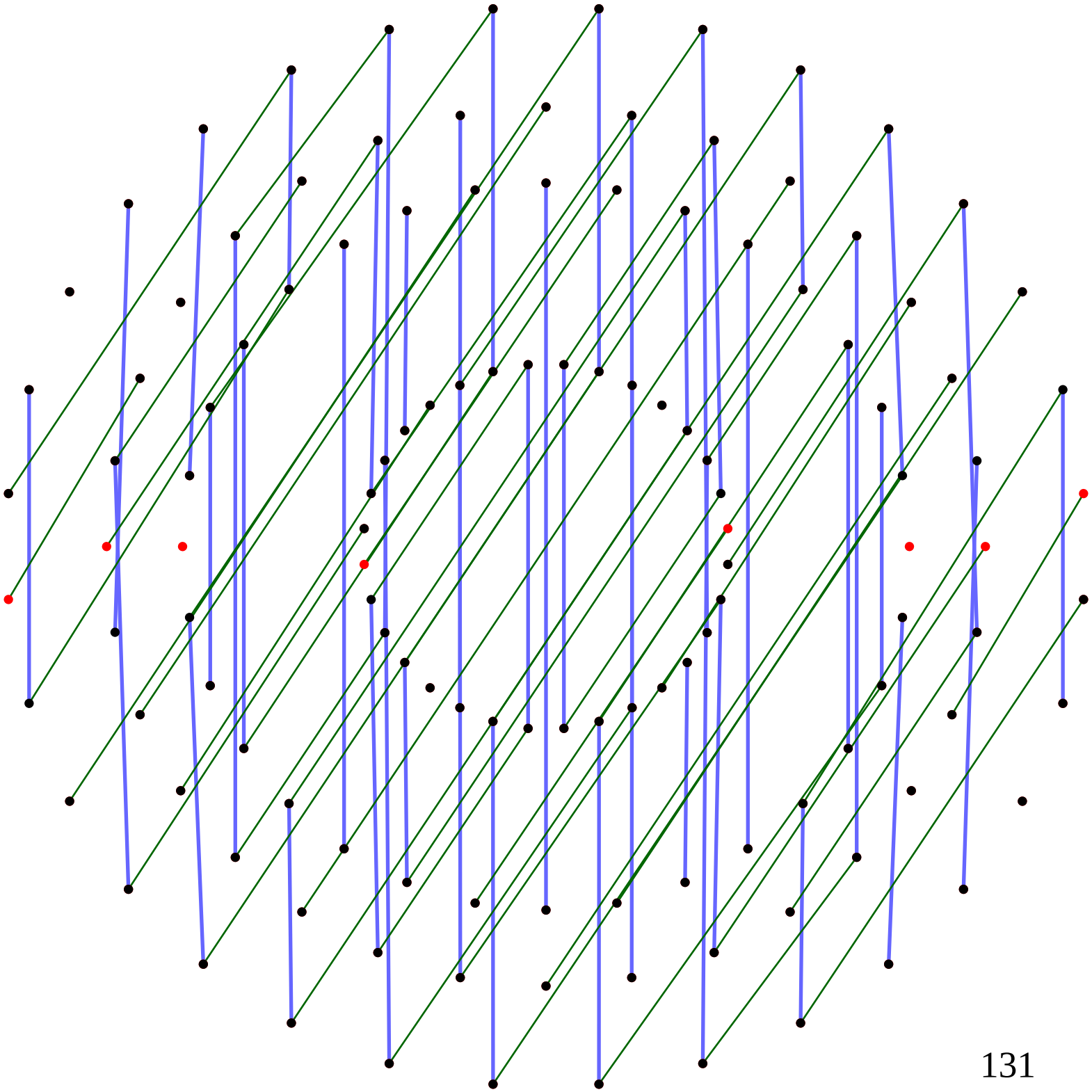
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 213212343212132

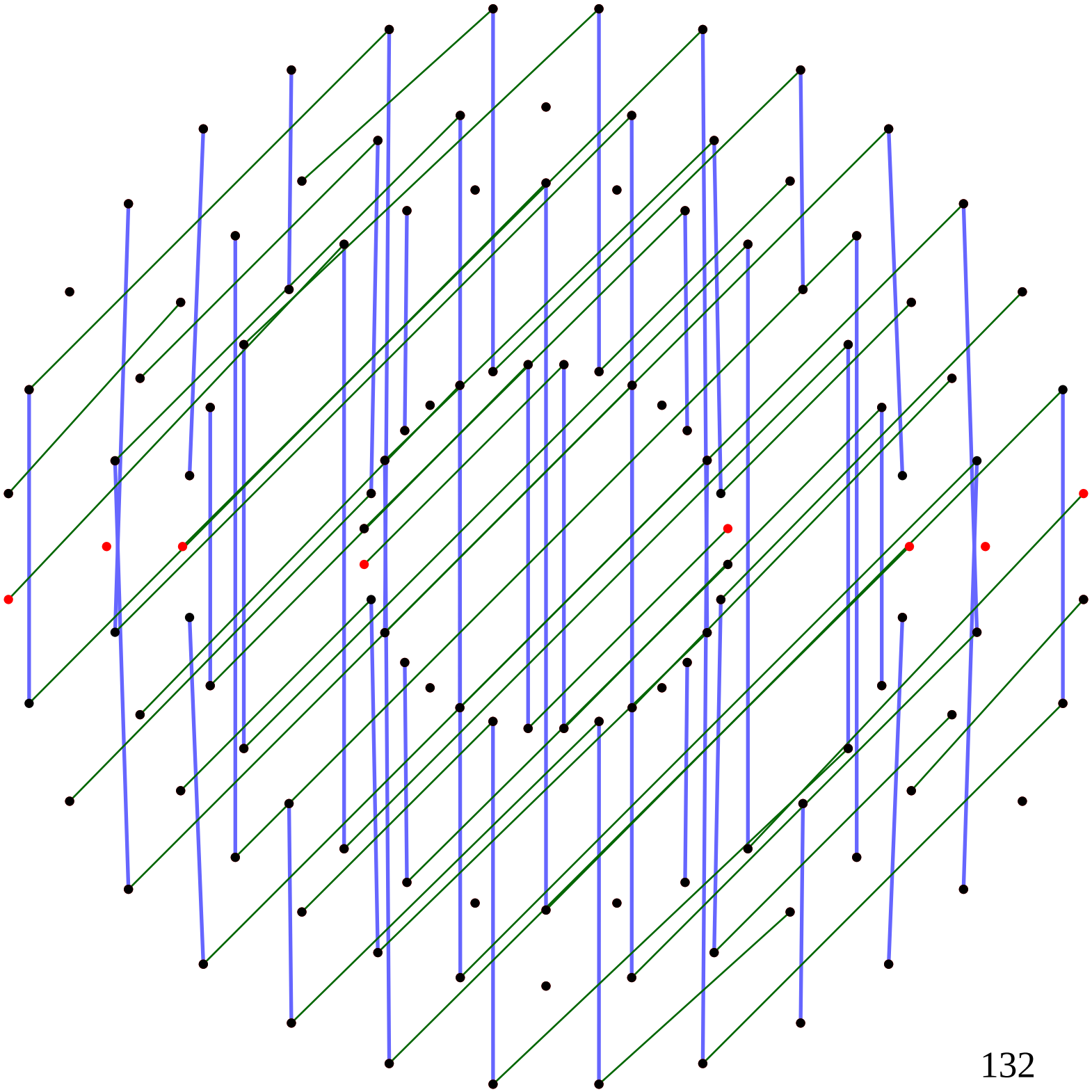
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 212132143212132143212

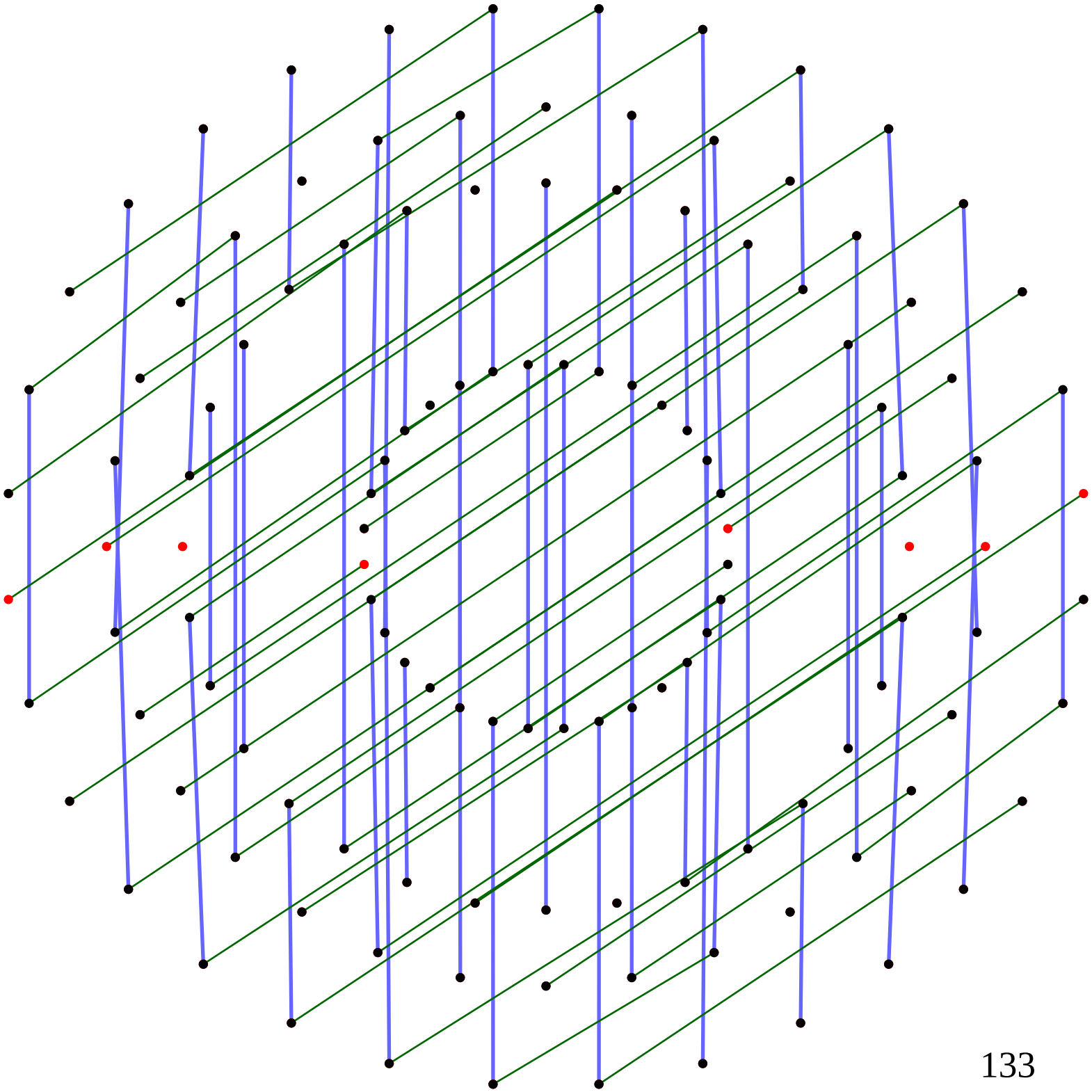
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 2343212132123432132123432

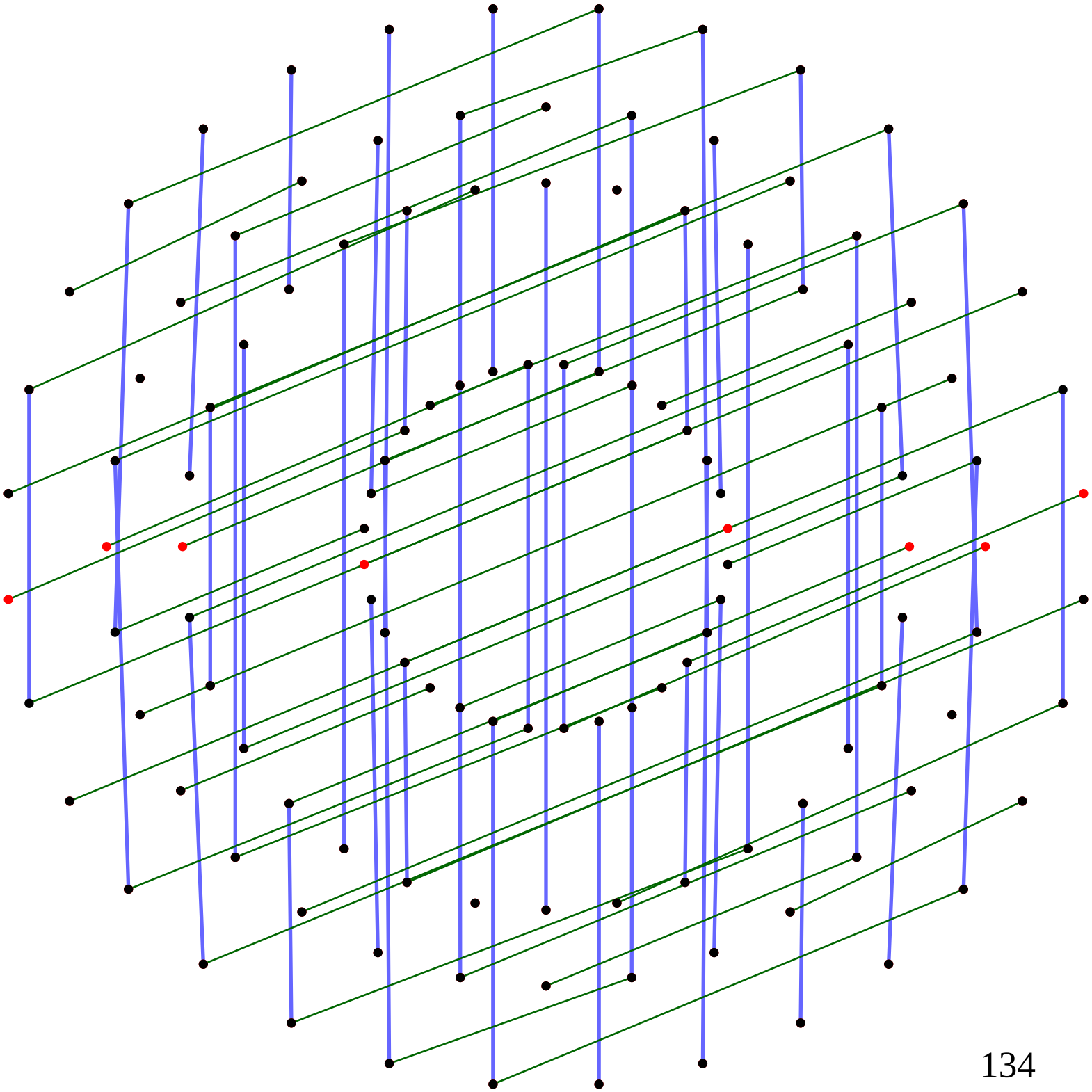
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 21232121321432121321243212132

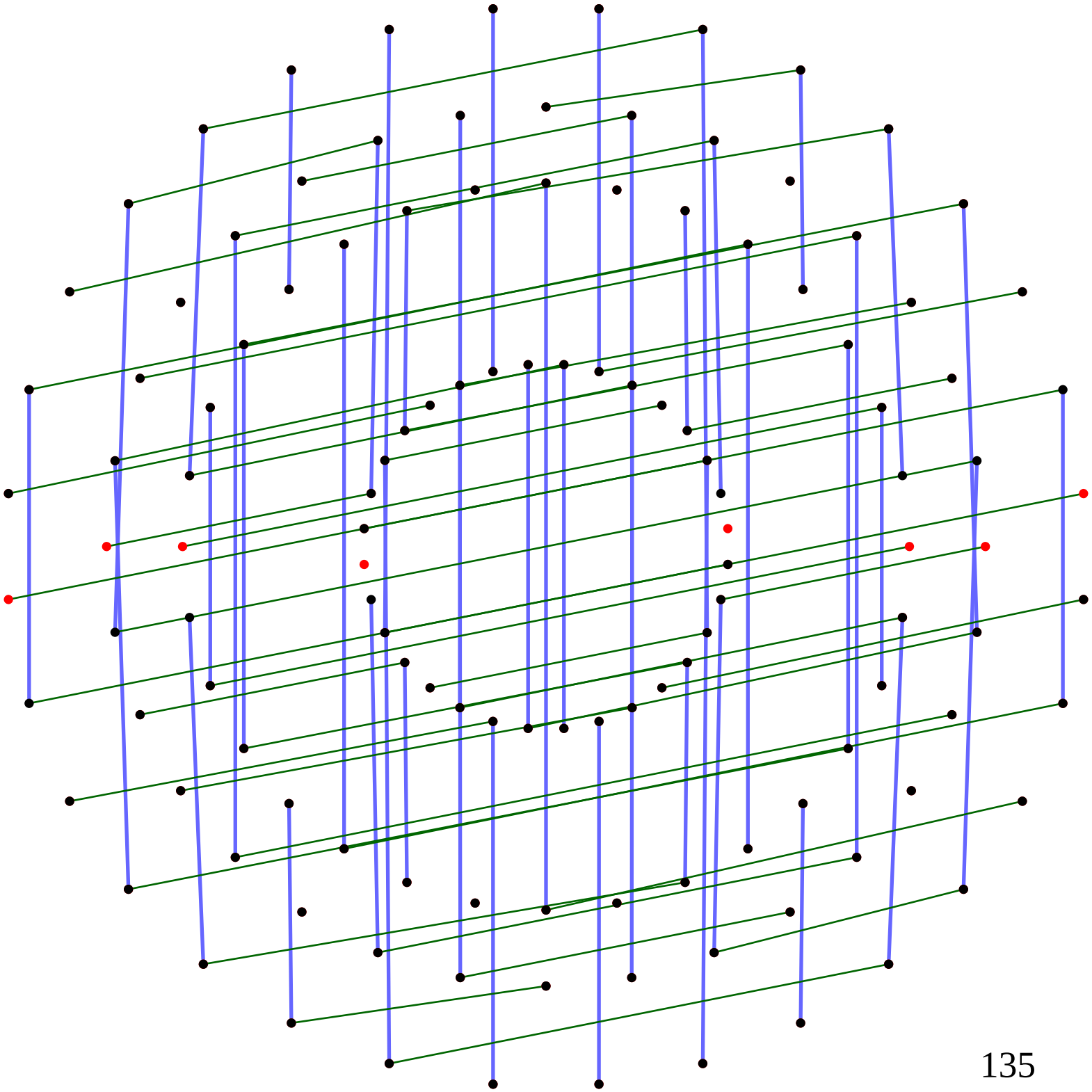
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 12123432121321234321213212343212 1

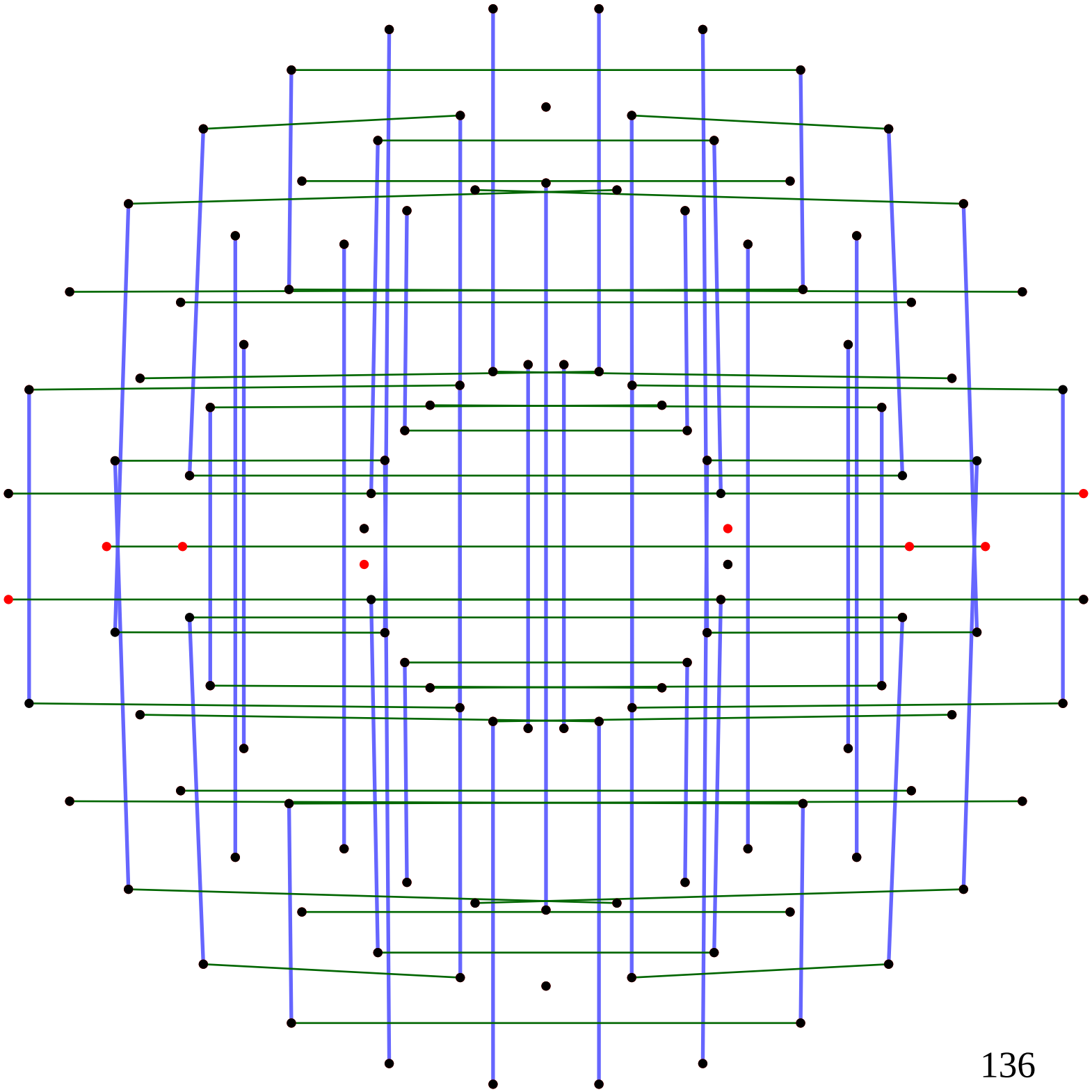
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 3212343212132123432121321234321 23

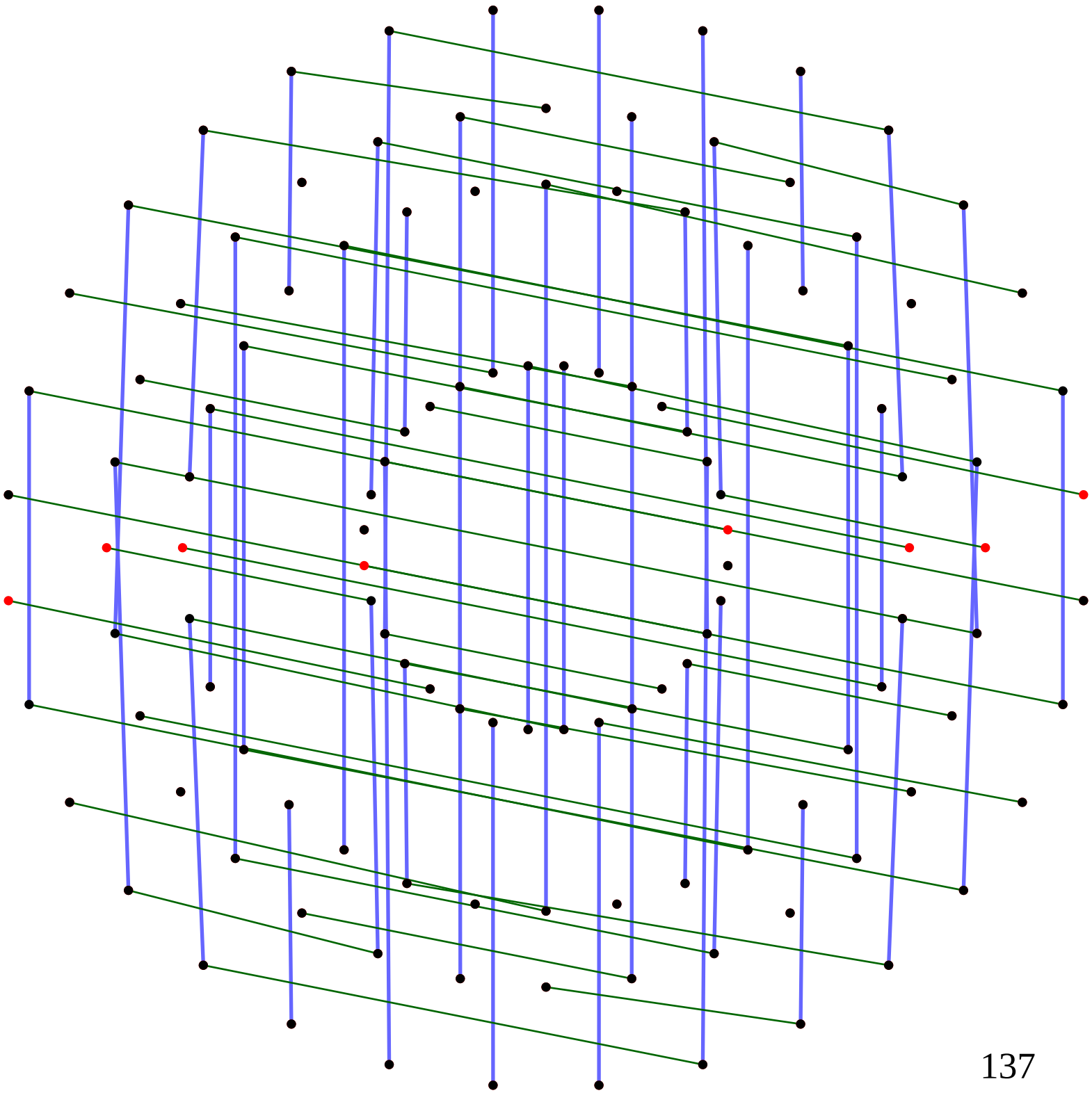
Incompatible [Degree 5.236068]



Negative root for generator 3.

Positive root for 12123212132143212132124321213 21

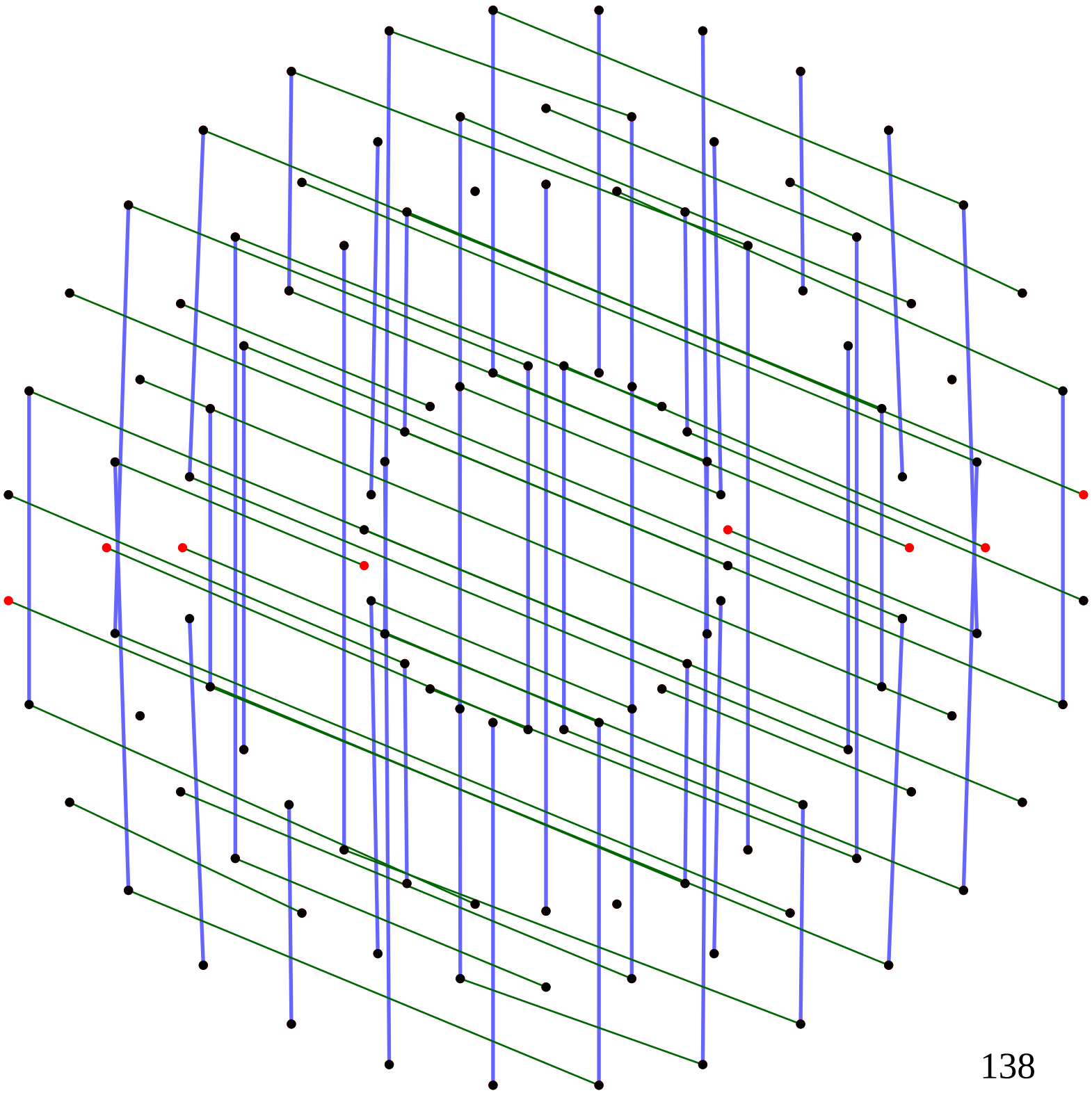
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 123432121321234321321234321

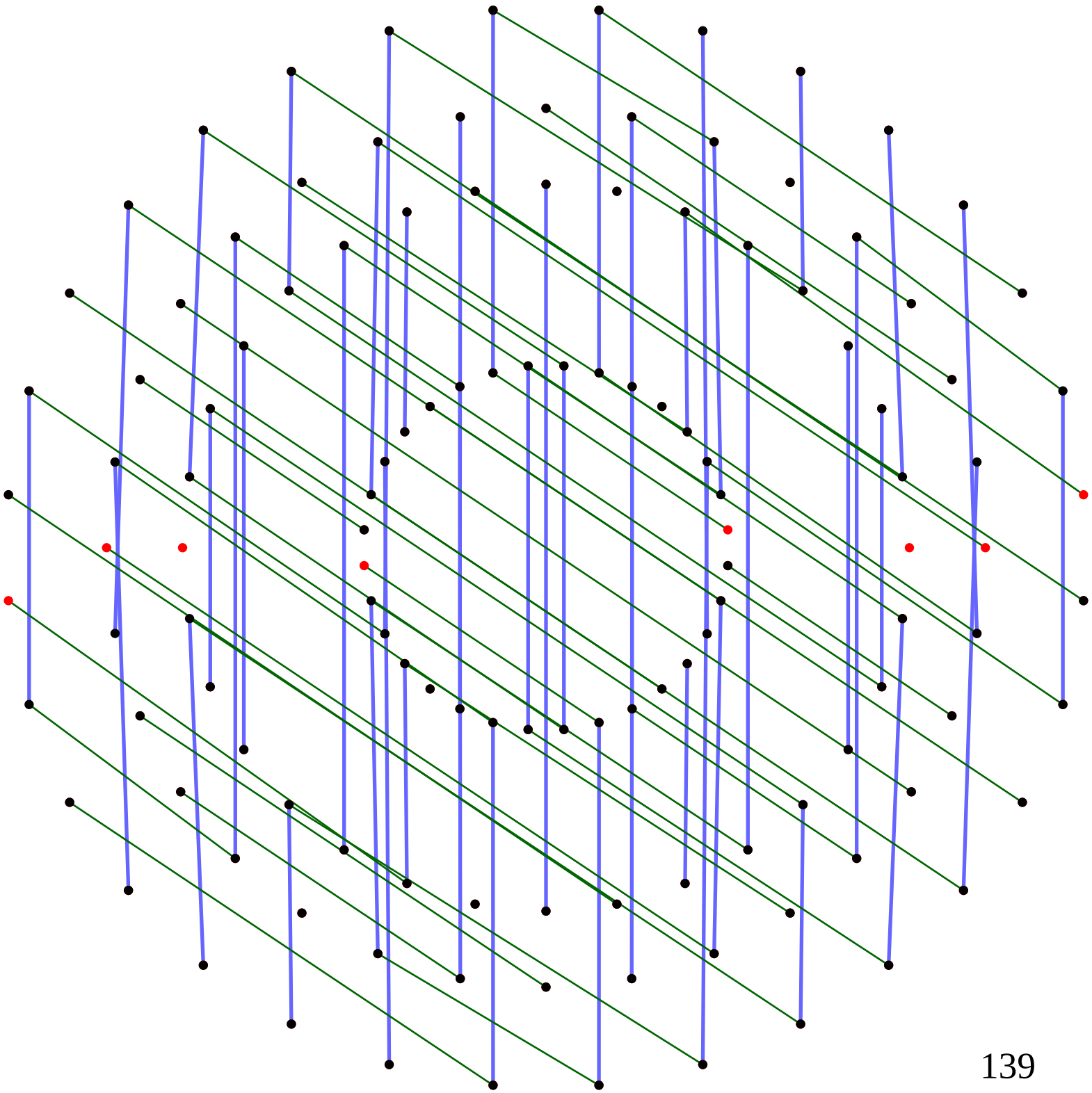
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 3212132143212132143212 3

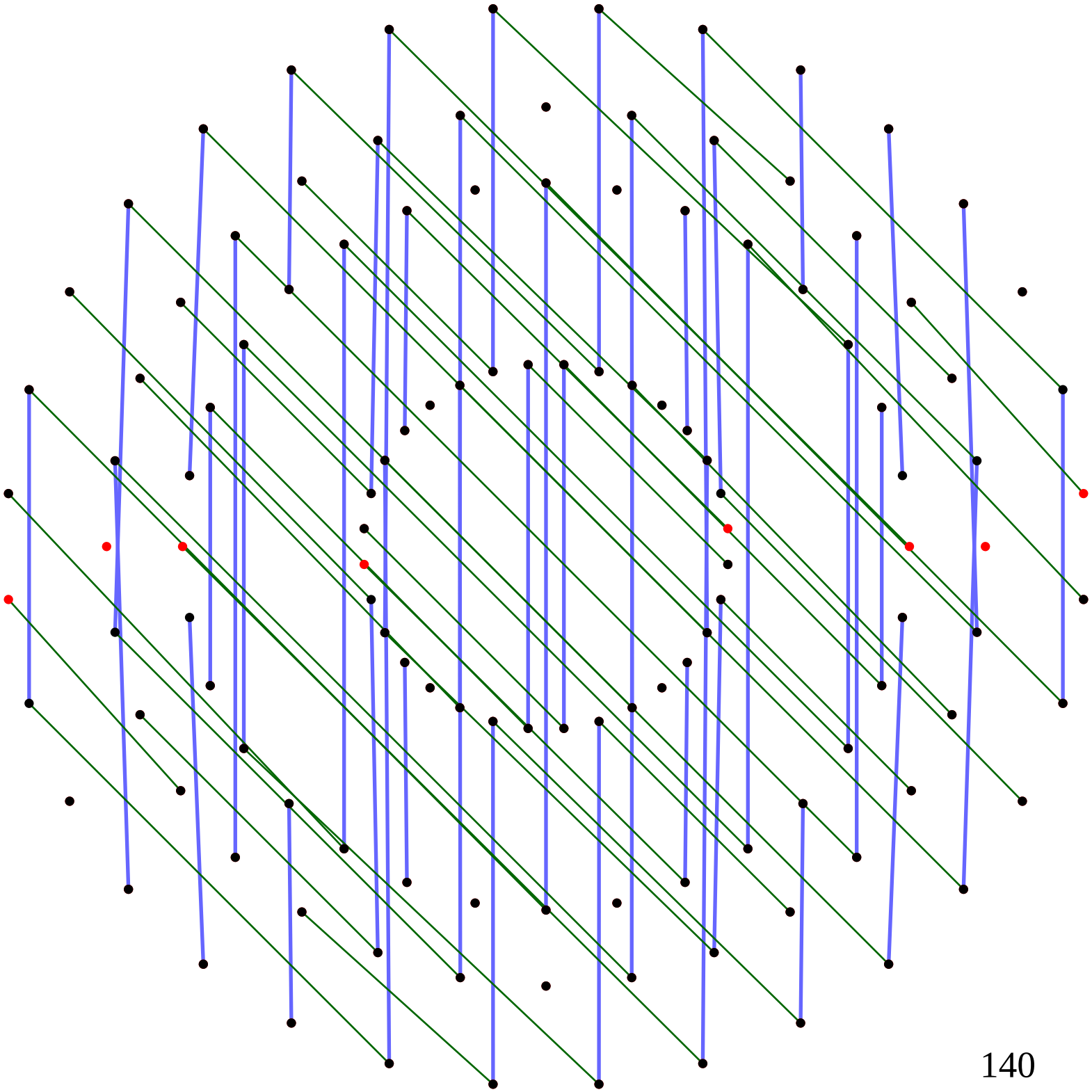
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 12132123432121321

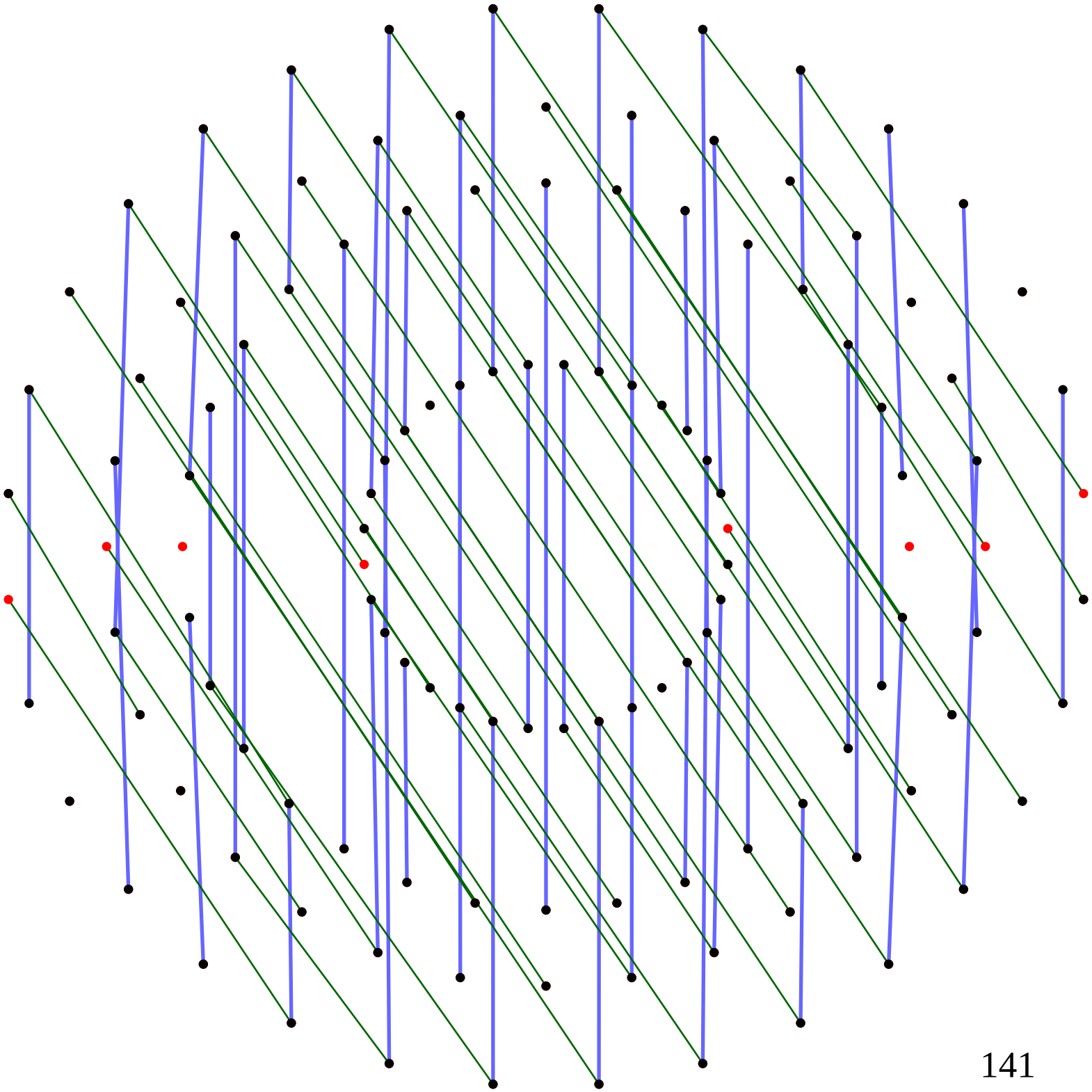
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 132143212132143

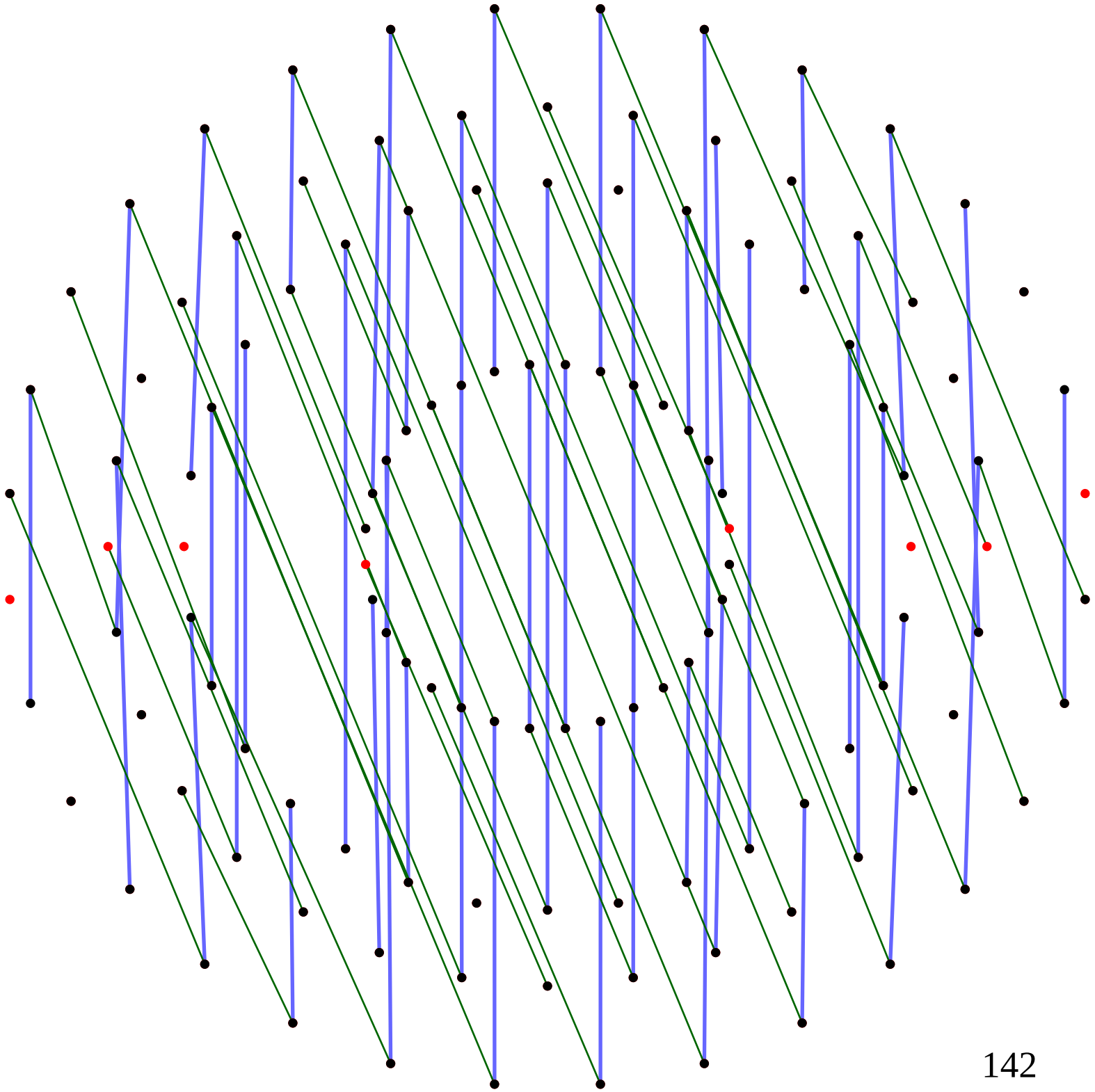
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 1321213

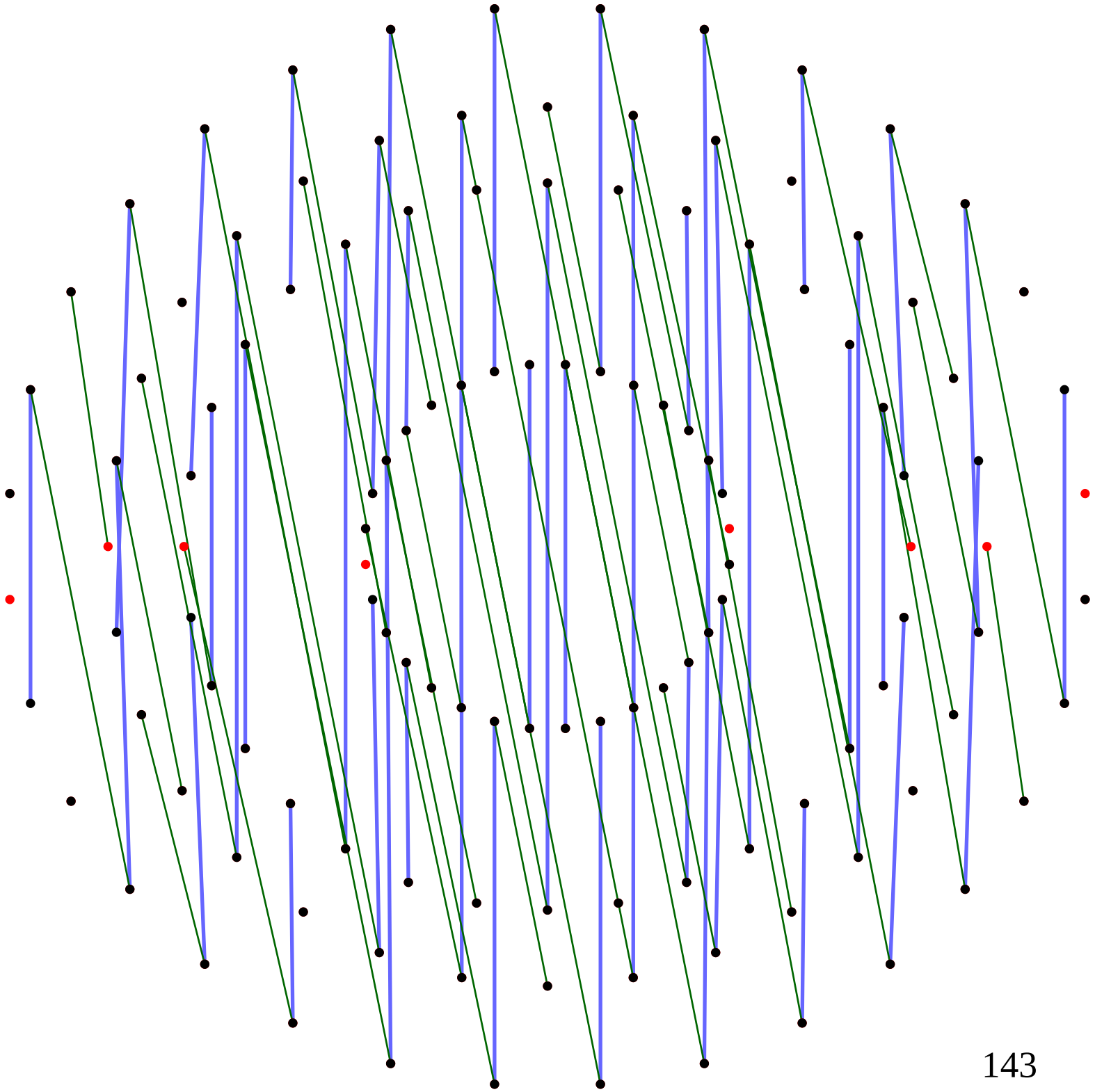
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 1

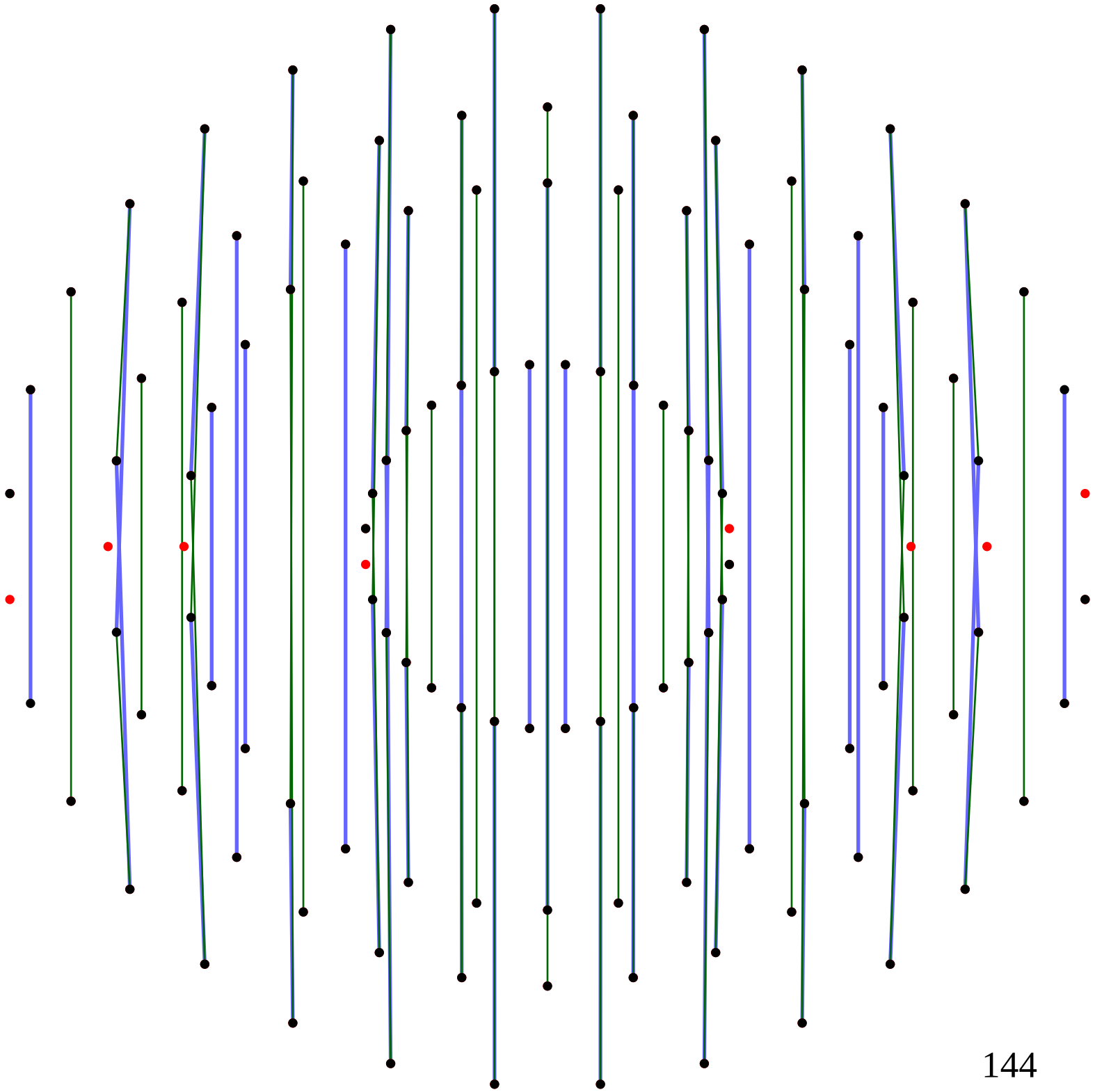
Compatible



Negative root for generator 3.

Negative root for generator 1.

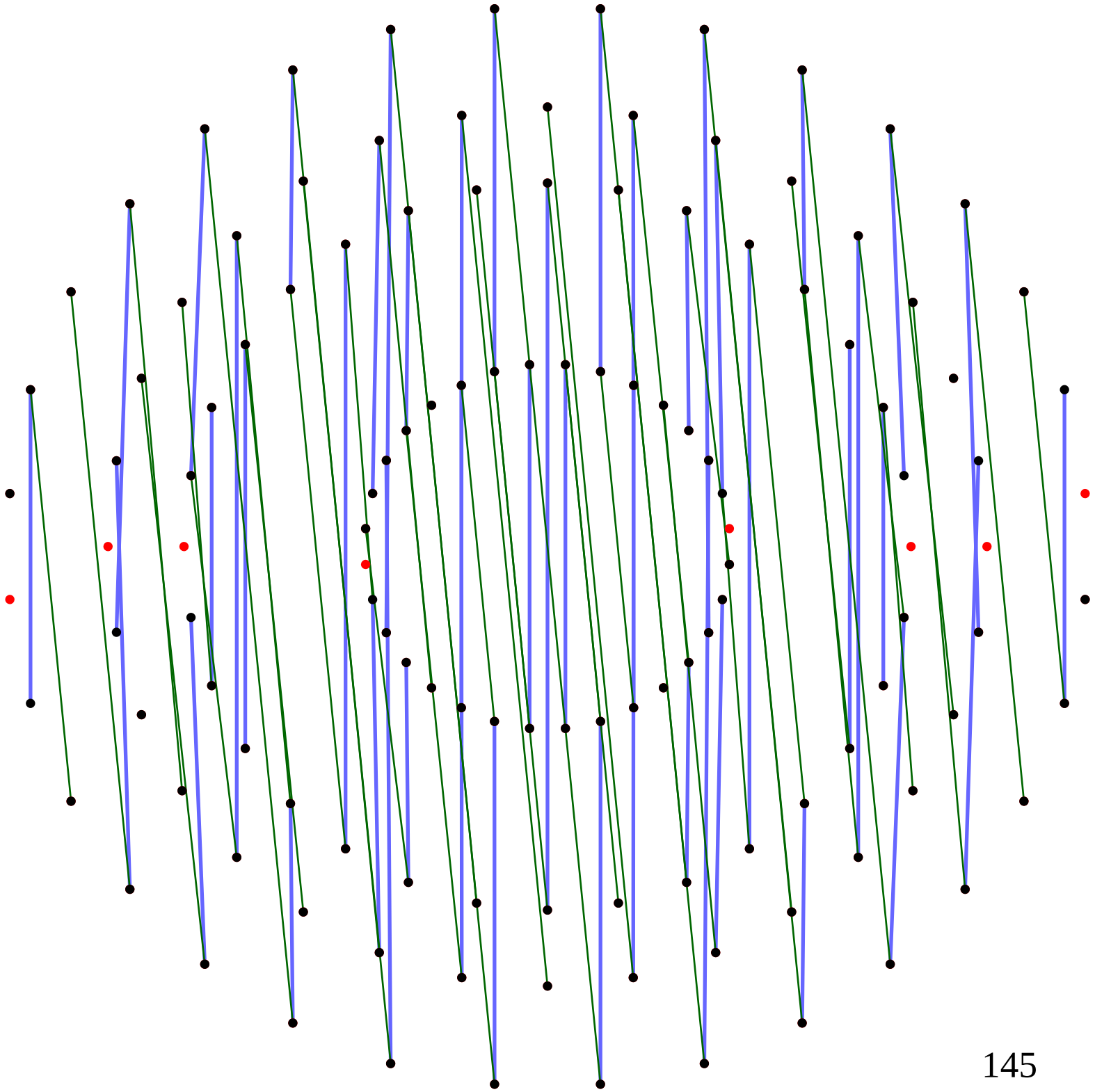
Compatible



Negative root for generator 3.

Negative root for generator 2.

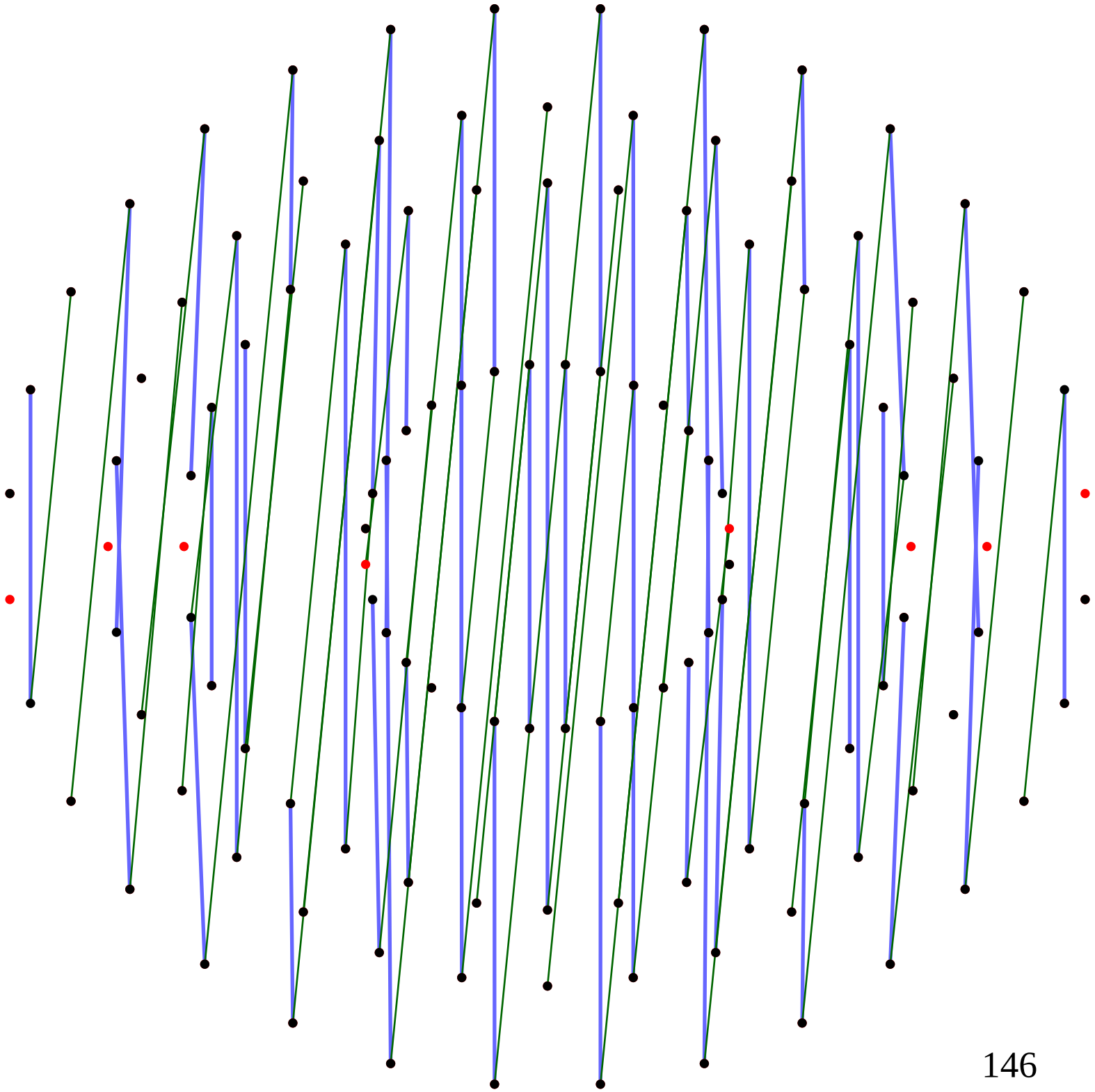
Compatible



Negative root for generator 3.

Positive root for 2

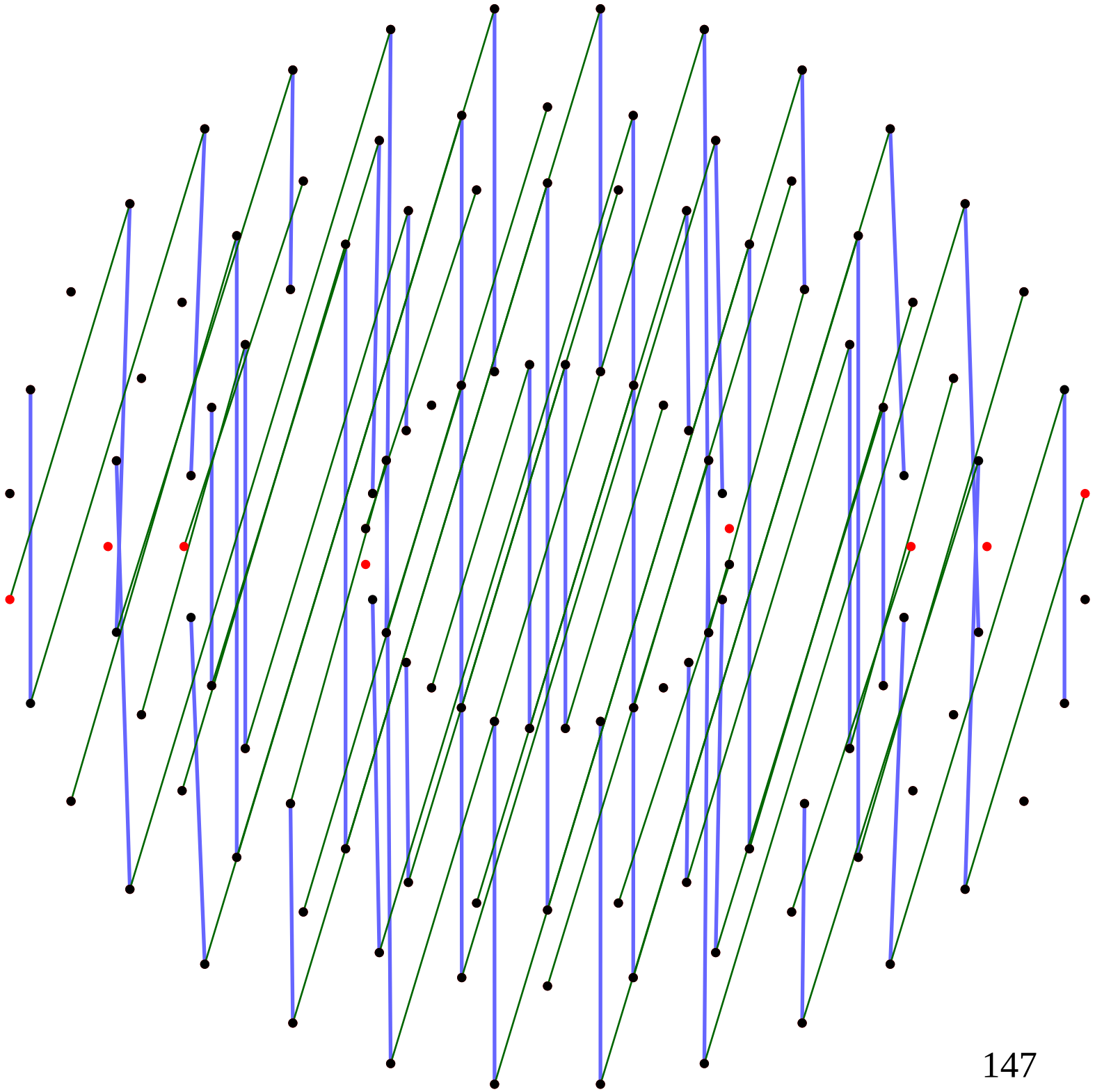
Compatible



Negative root for generator 3.

Positive root for 212343212

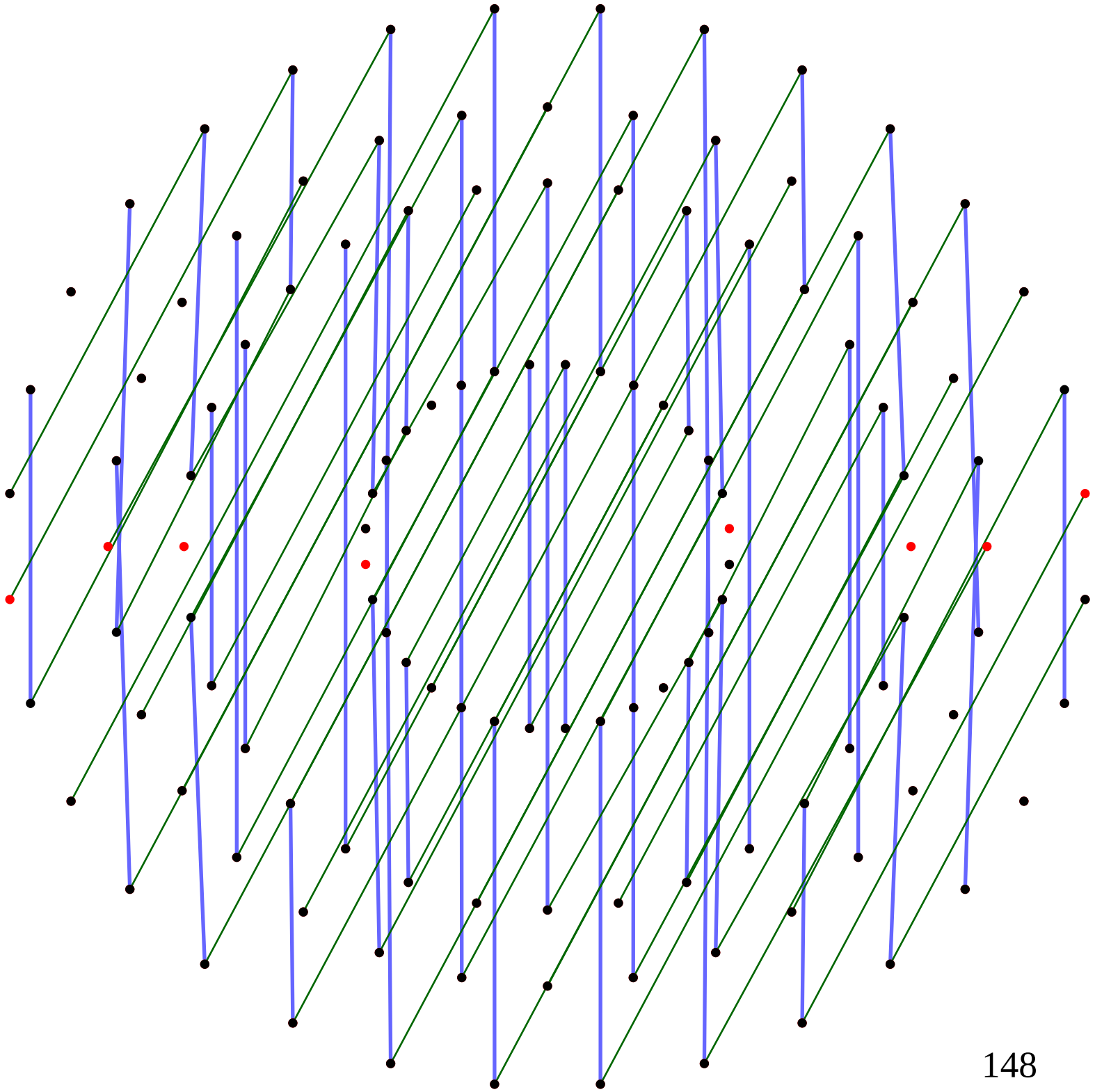
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 2132143212132143 2

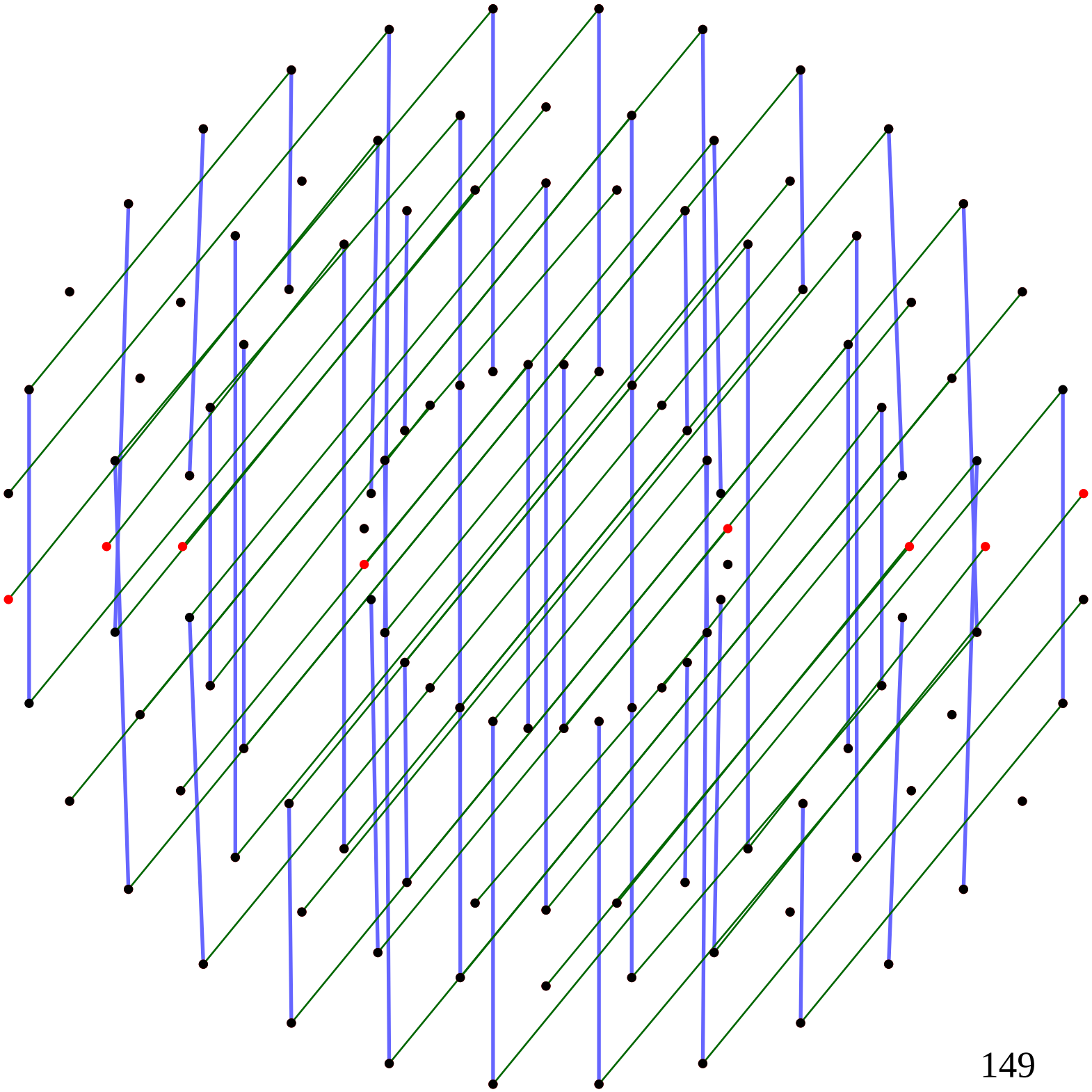
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 212321214321213212 43212

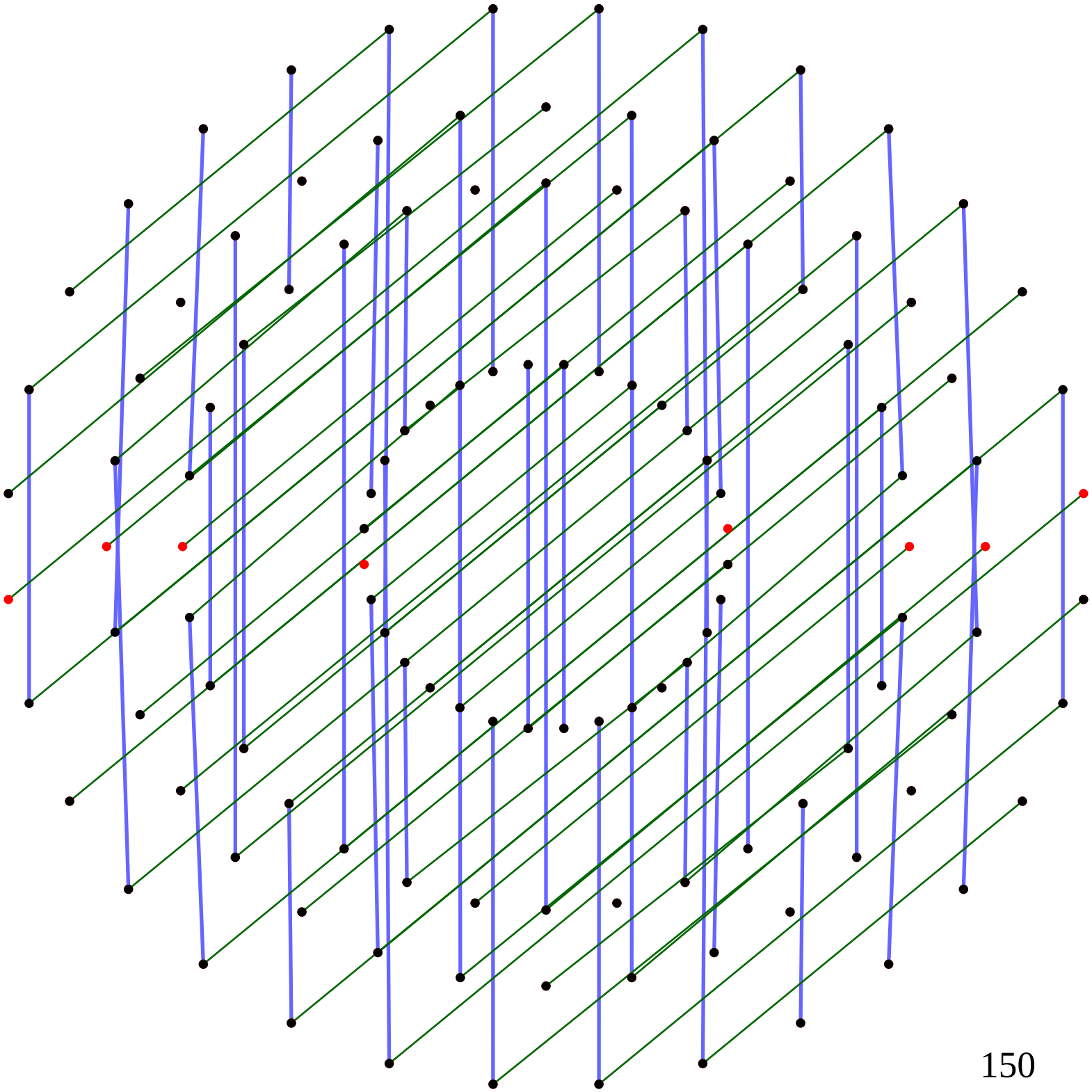
Incompatible [Degree 3.236068]



Negative root for generator 3.

Positive root for 21234321213212343212132123432 12

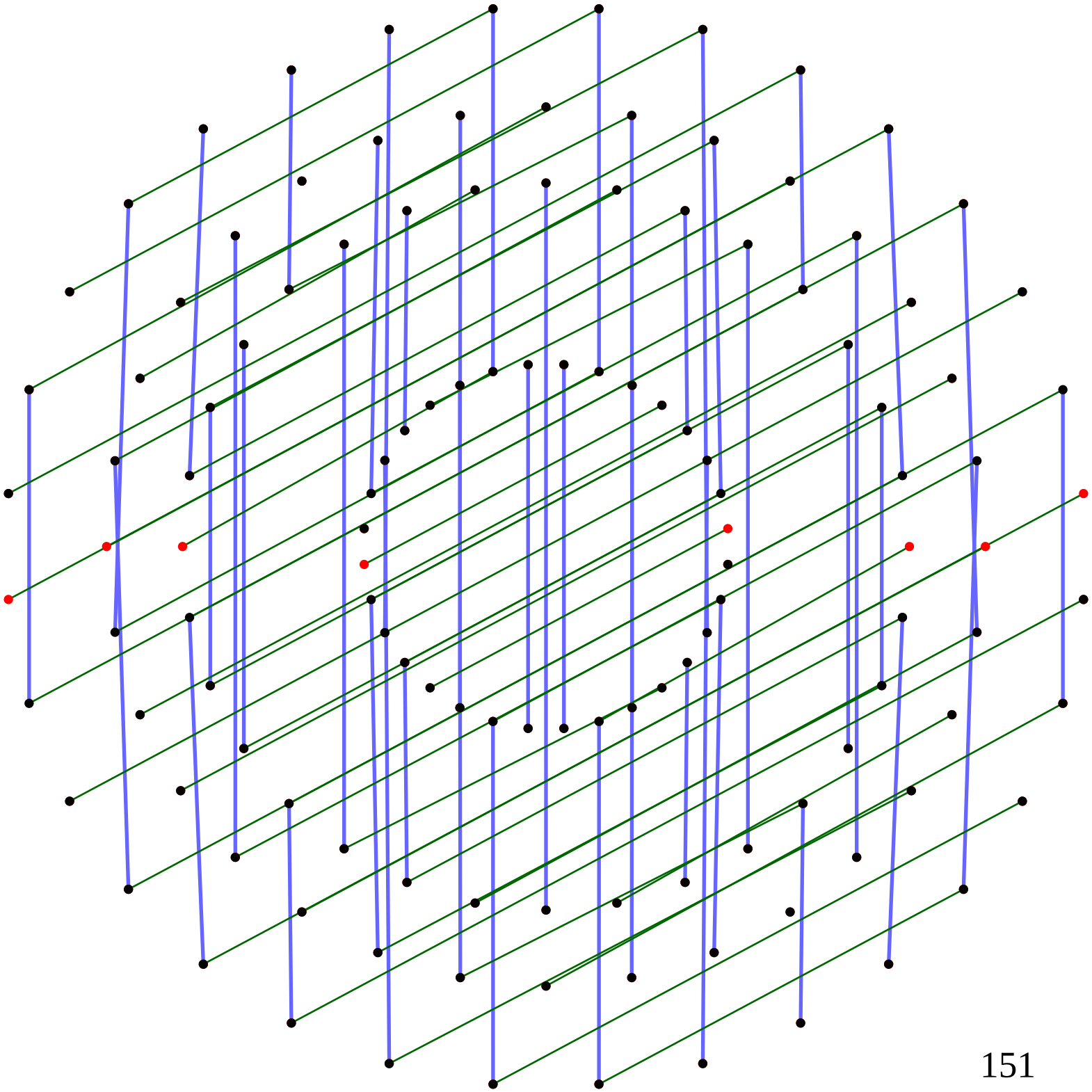
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 213212343212132123432121321234321213 2

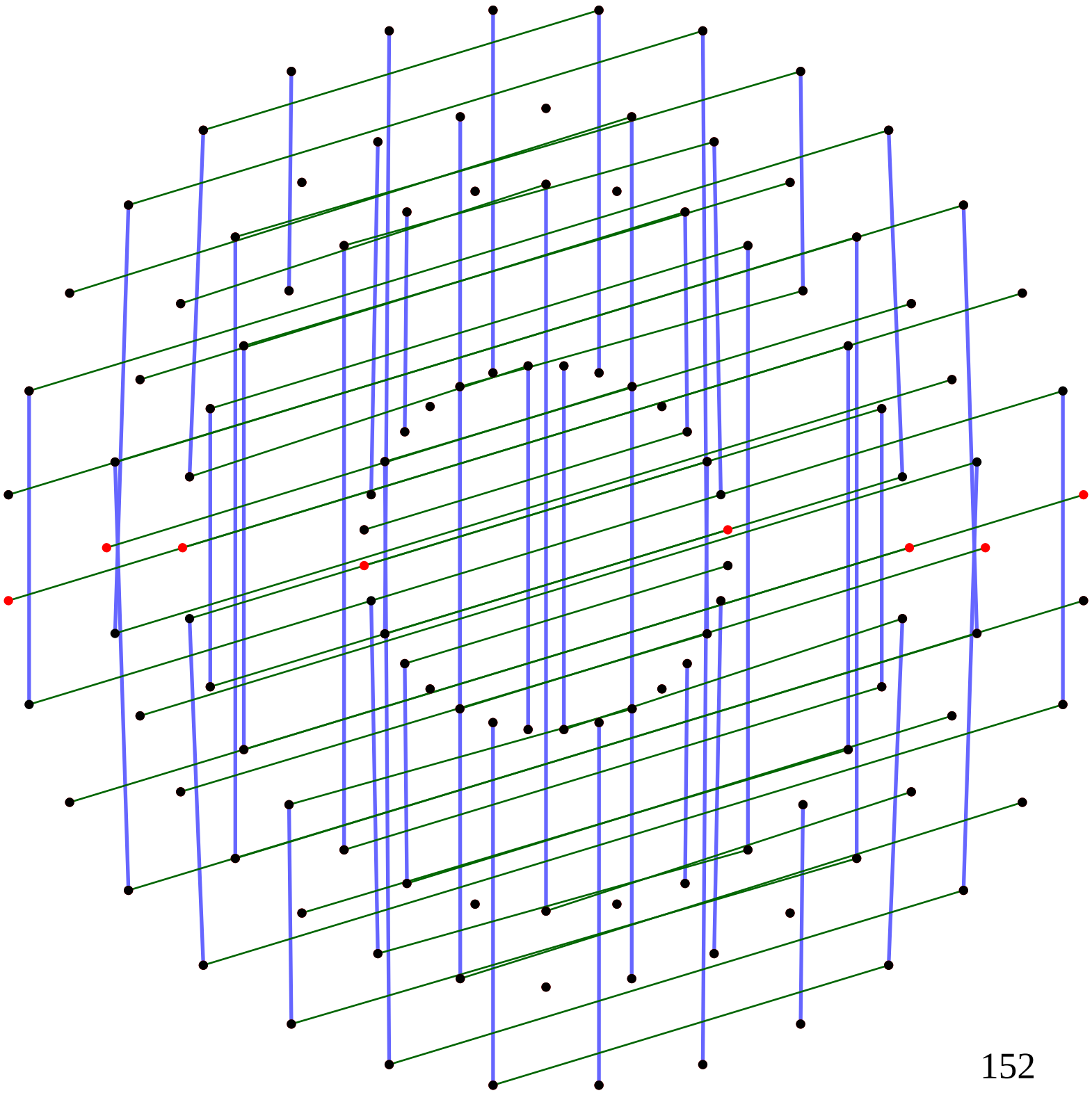
Incompatible [Degree 5.236068]



Negative root for generator 3.

Positive root for 2121321234321213212343212132123432121321 2

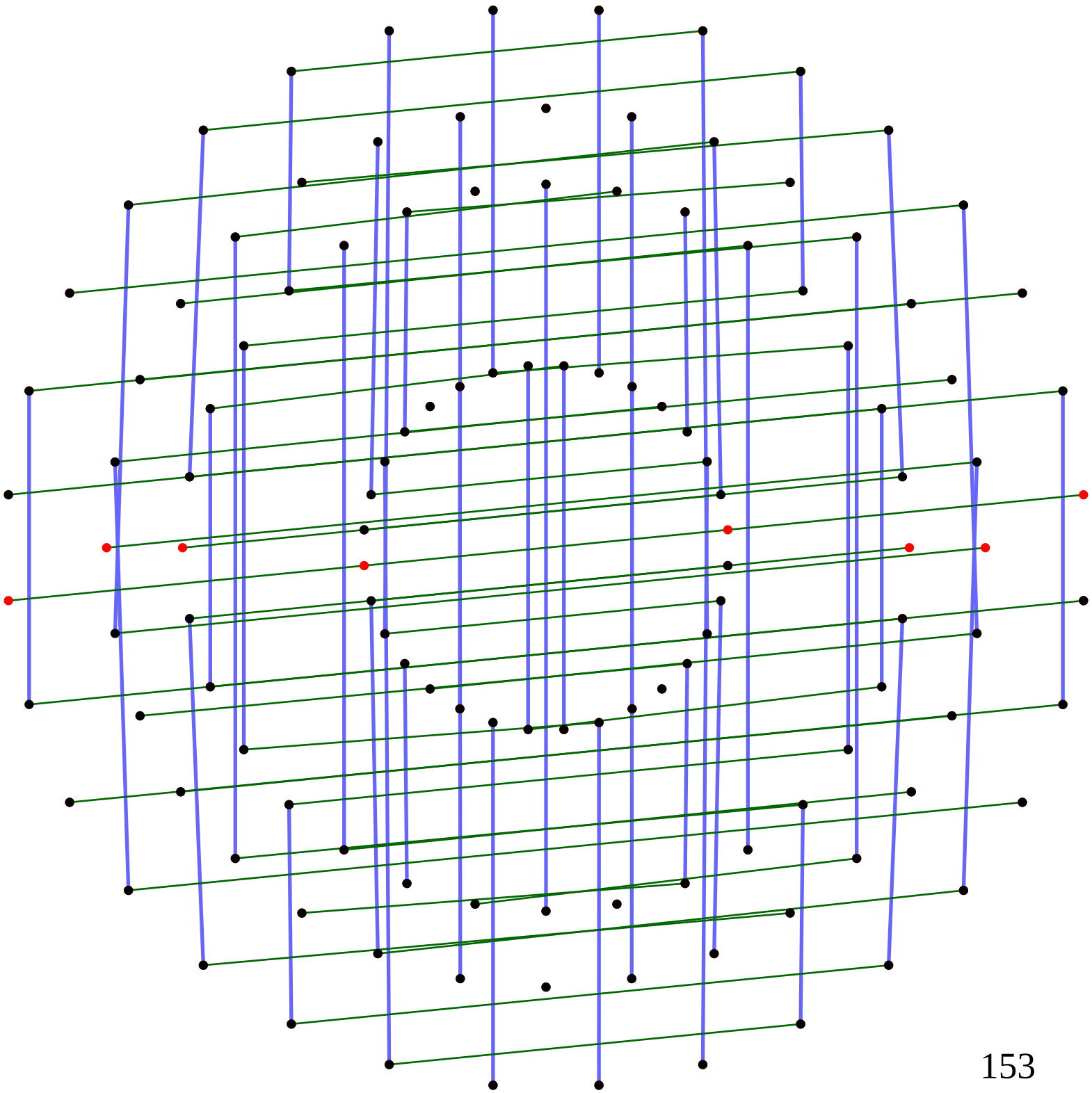
Incompatible [Degree 5.236068]



Negative root for generator 3.

Positive root for 432121321234321213212343212132123432121321234

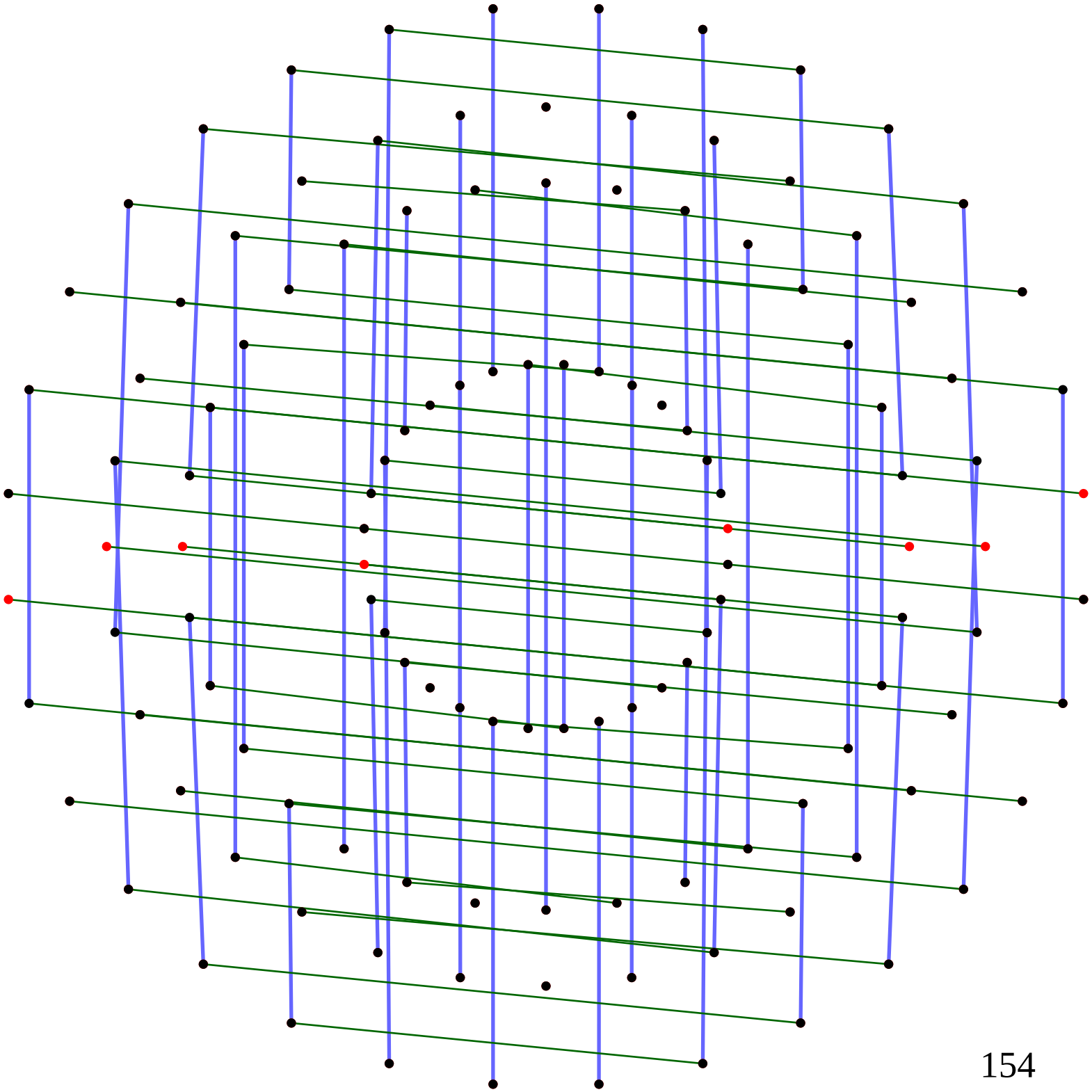
Incompatible [Degree 5.854102]



Negative root for generator 3.

Positive root for 3212132123432121321234321213212343212132123

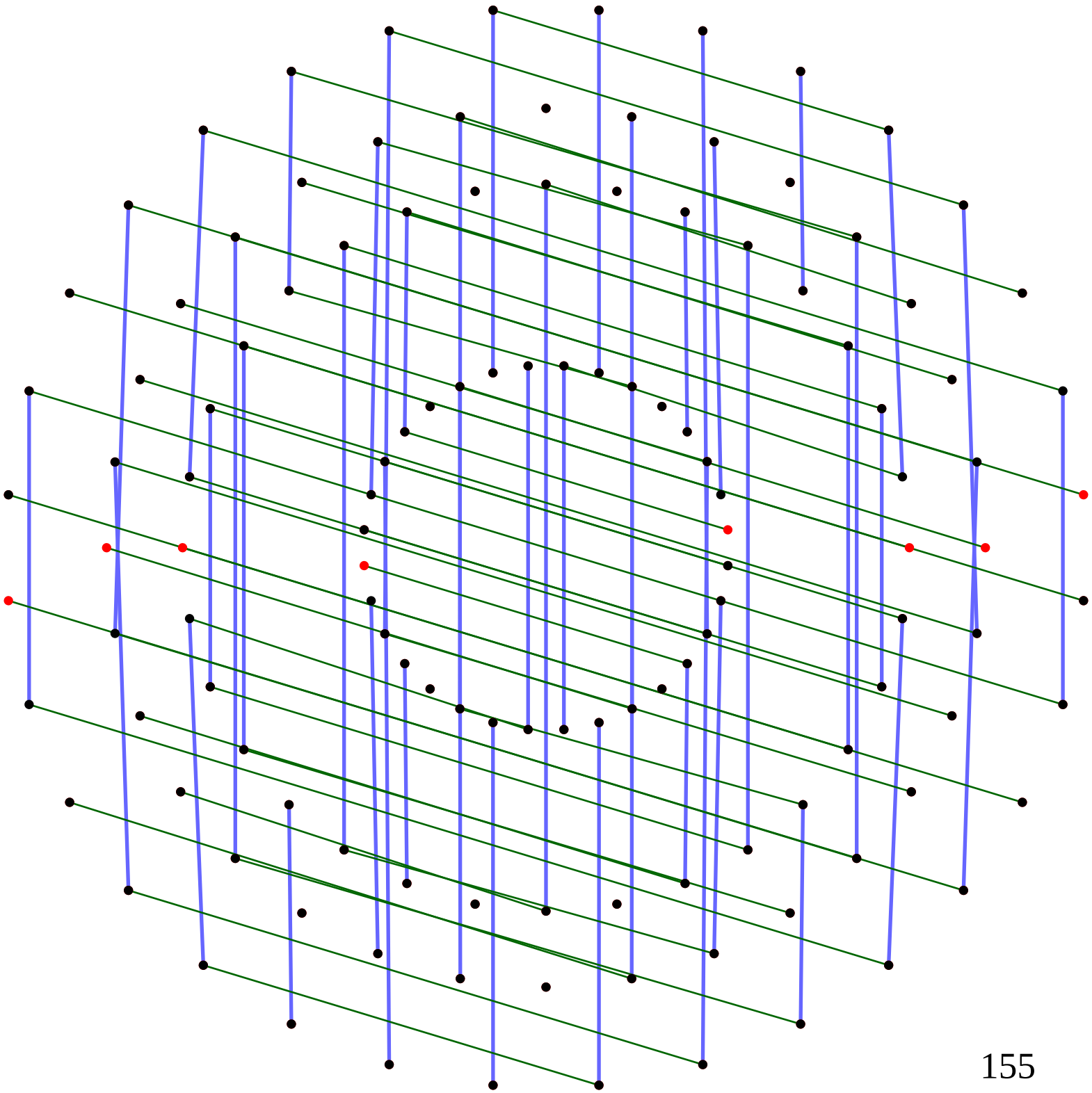
Incompatible [Degree 5.854102]



Negative root for generator 3.

Positive root for 12132123432121321234321213212343212132 1

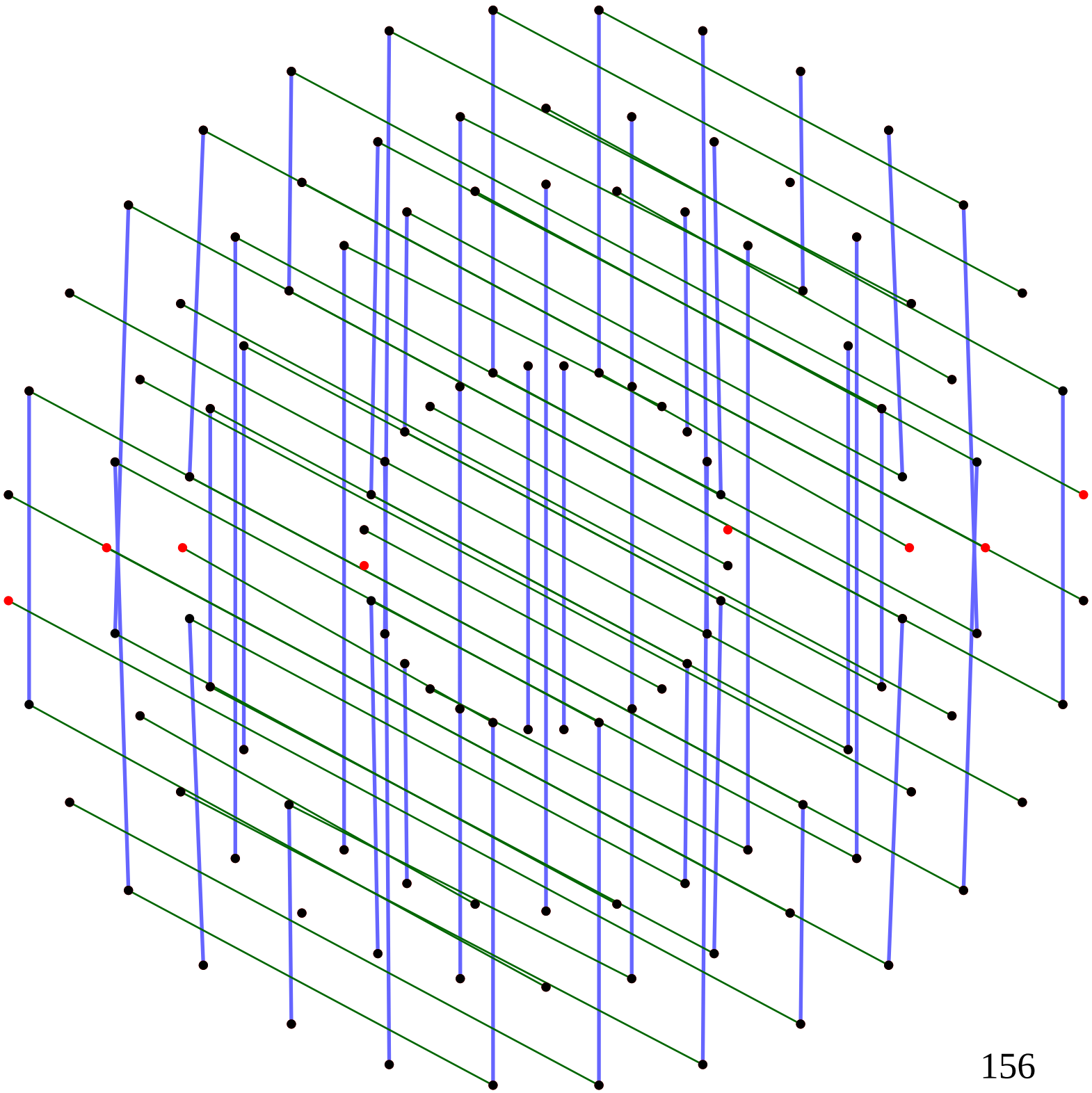
Incompatible [Degree 5.236068]



Negative root for generator 3.

Positive root for 13212343212132123432121321234321213

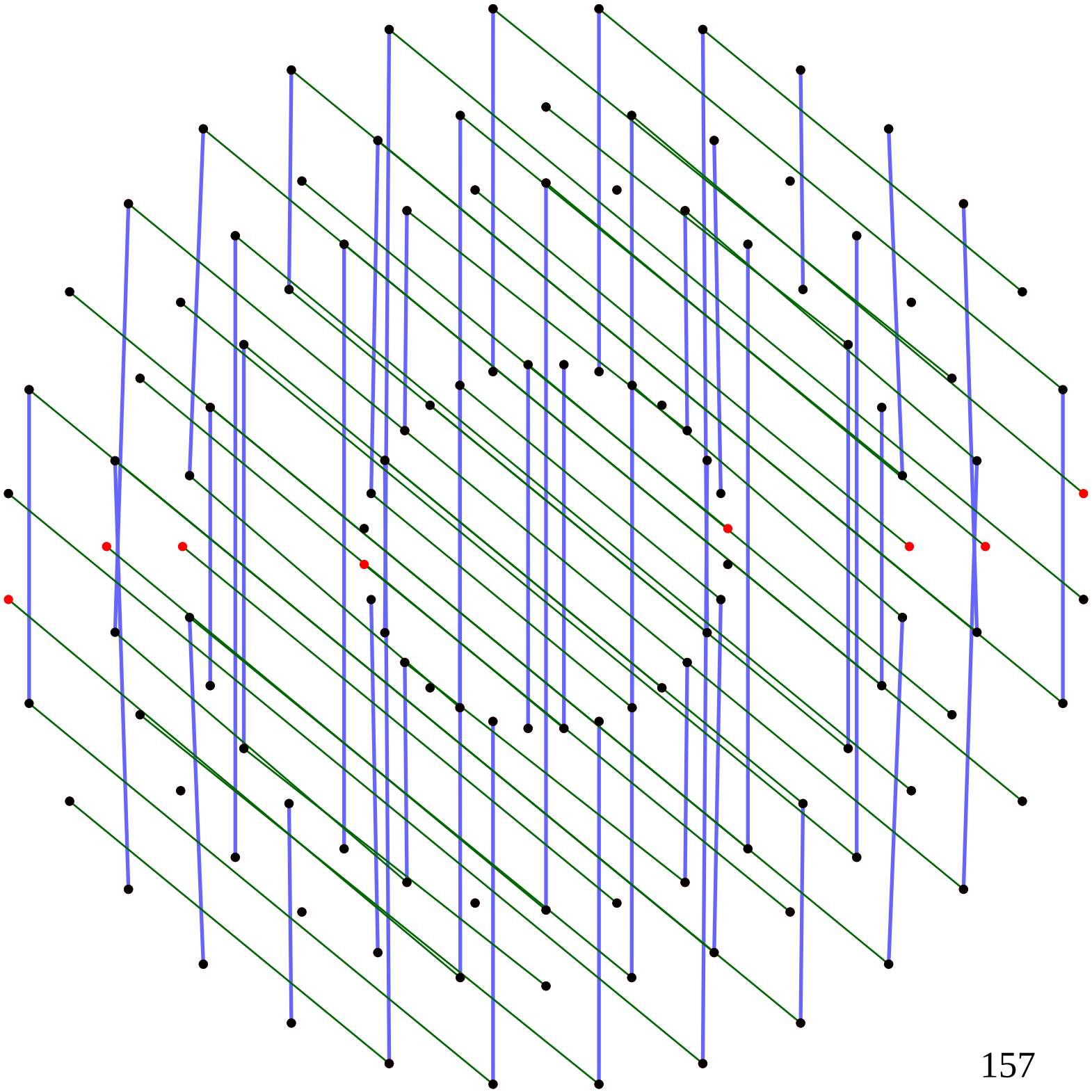
Incompatible [Degree 5.236068]



Negative root for generator 3.

Positive root for 123212132143212132124321213

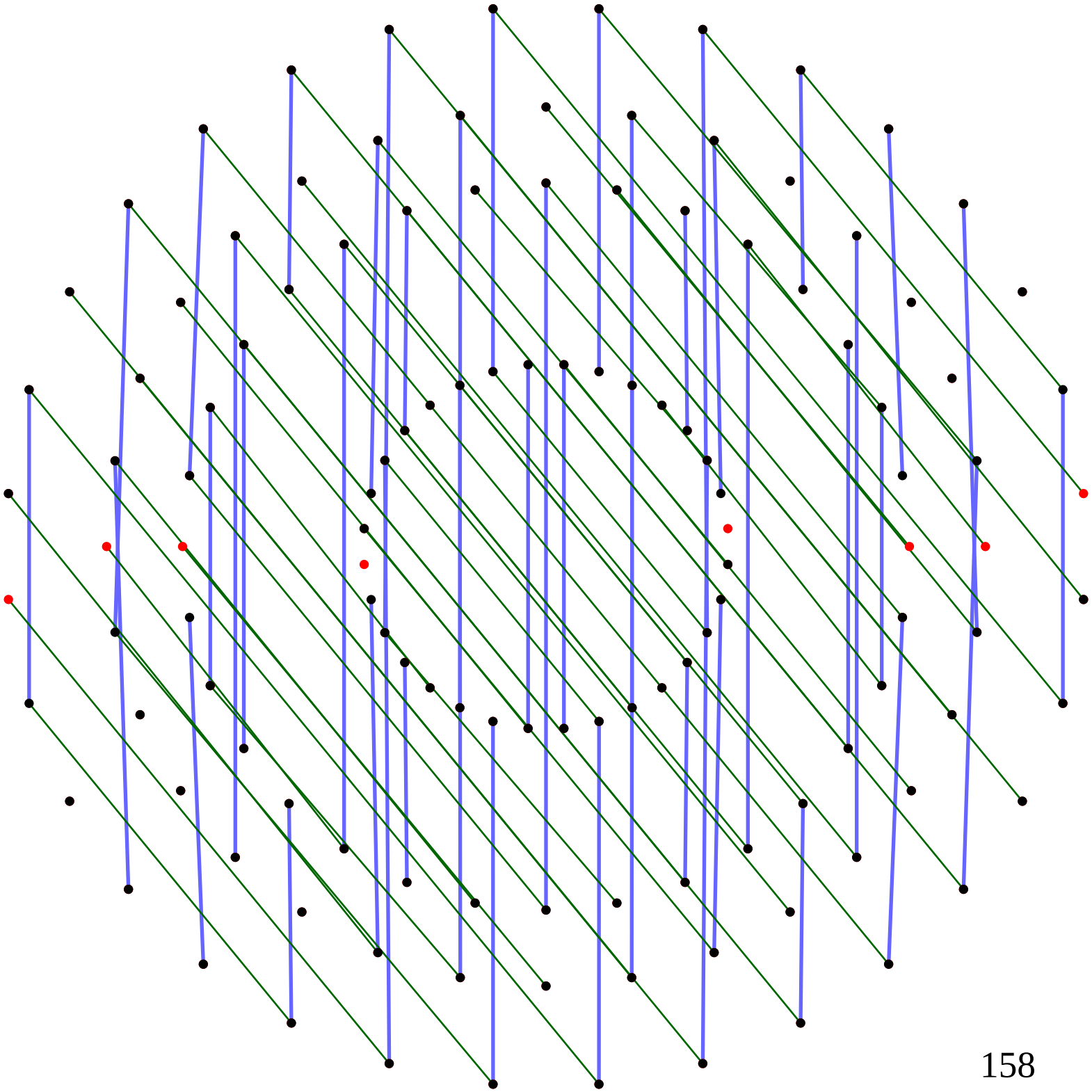
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 123212143212132124321

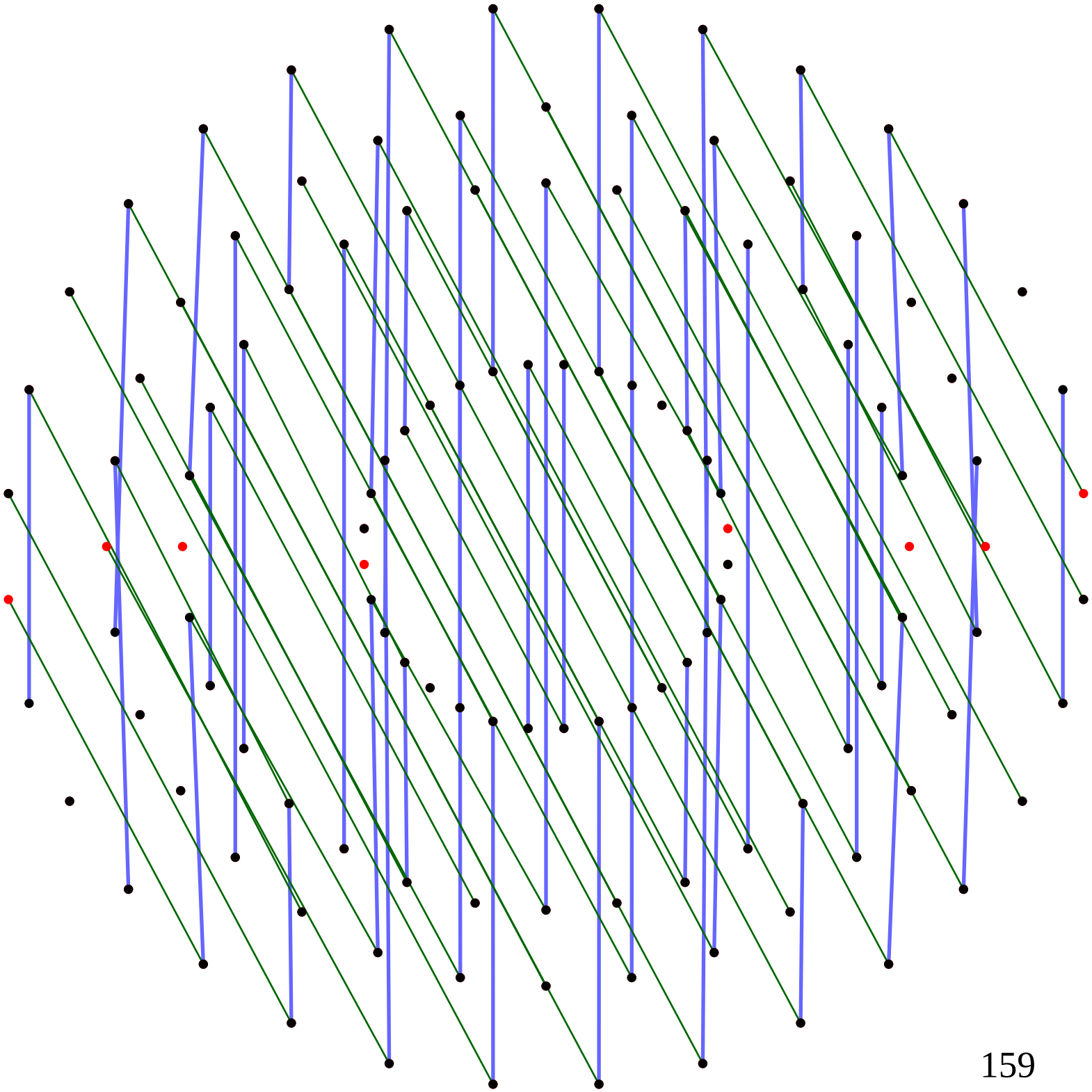
Incompatible [Degree 3.236068]



Negative root for generator 3.

Positive root for 1321234321213

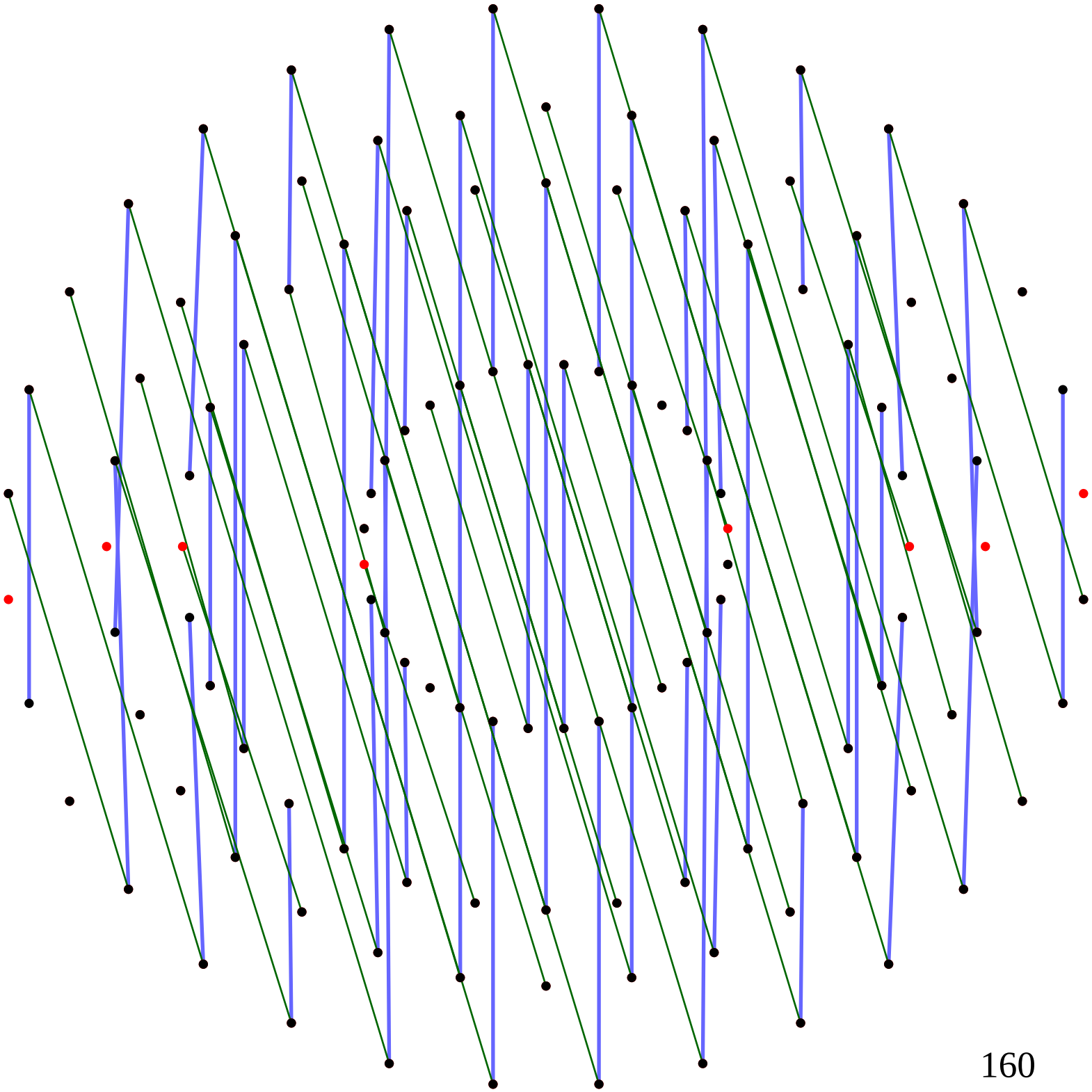
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 12321

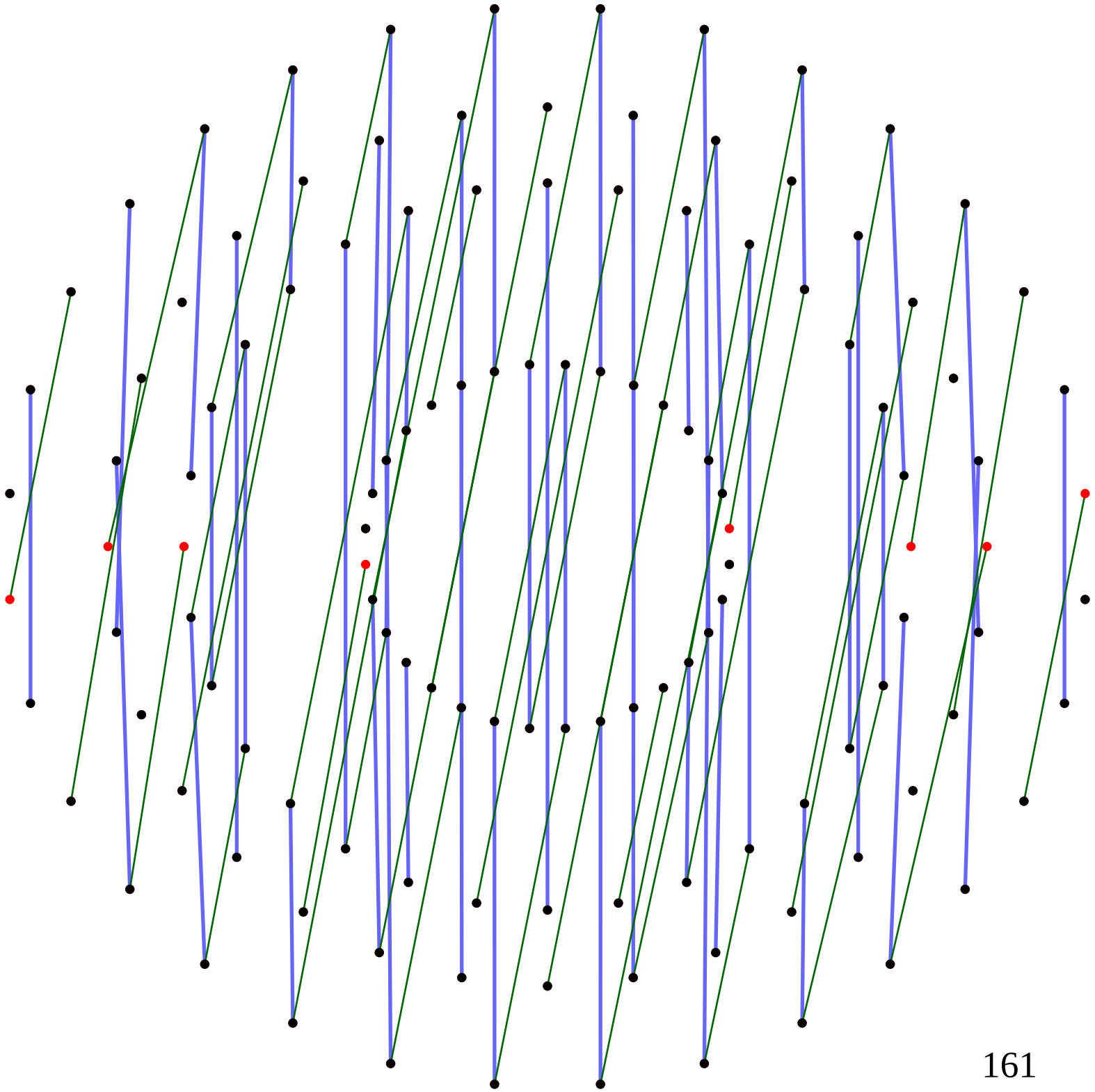
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 23432

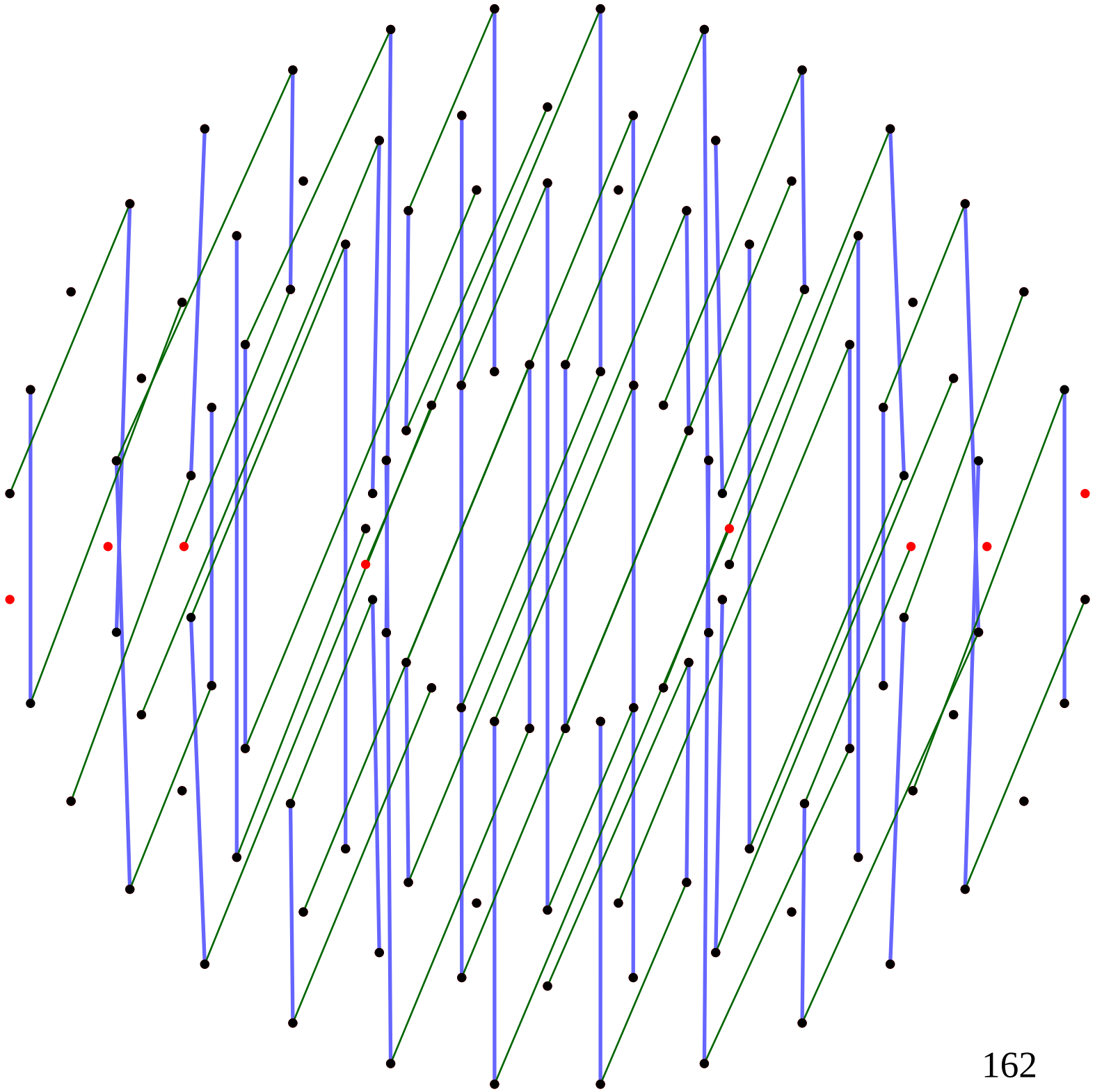
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 2123212

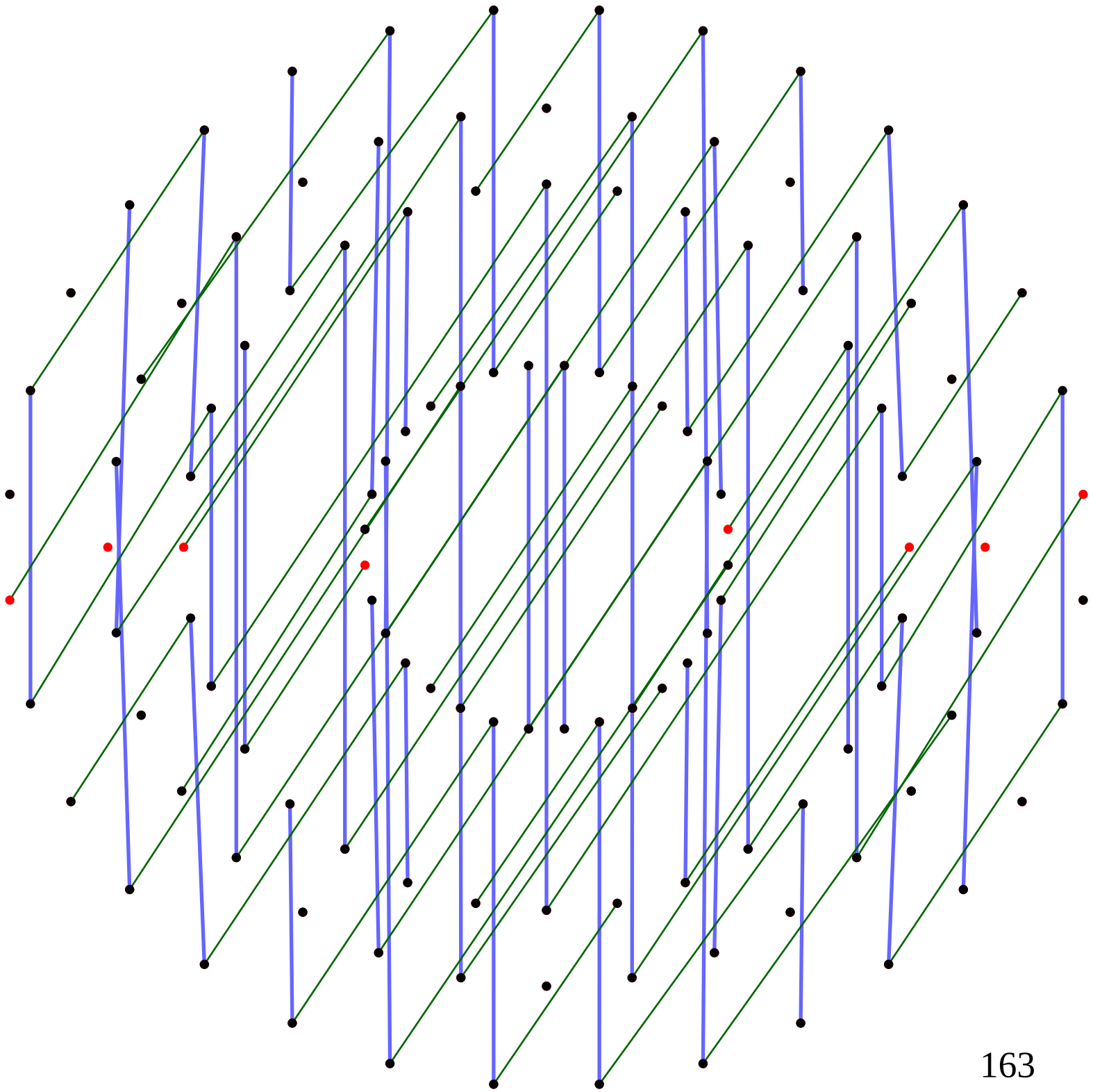
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 212143212132124

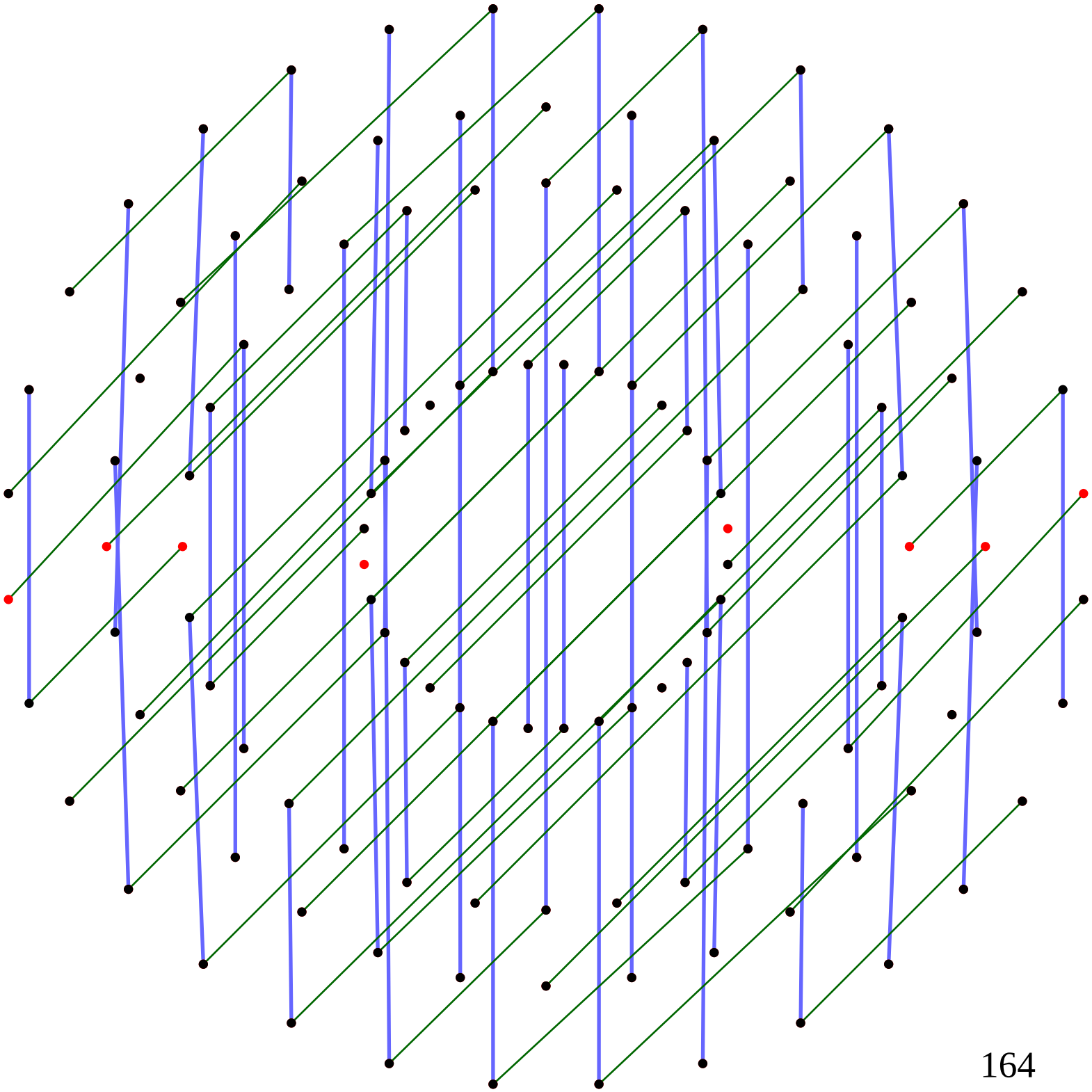
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 23212143212132432

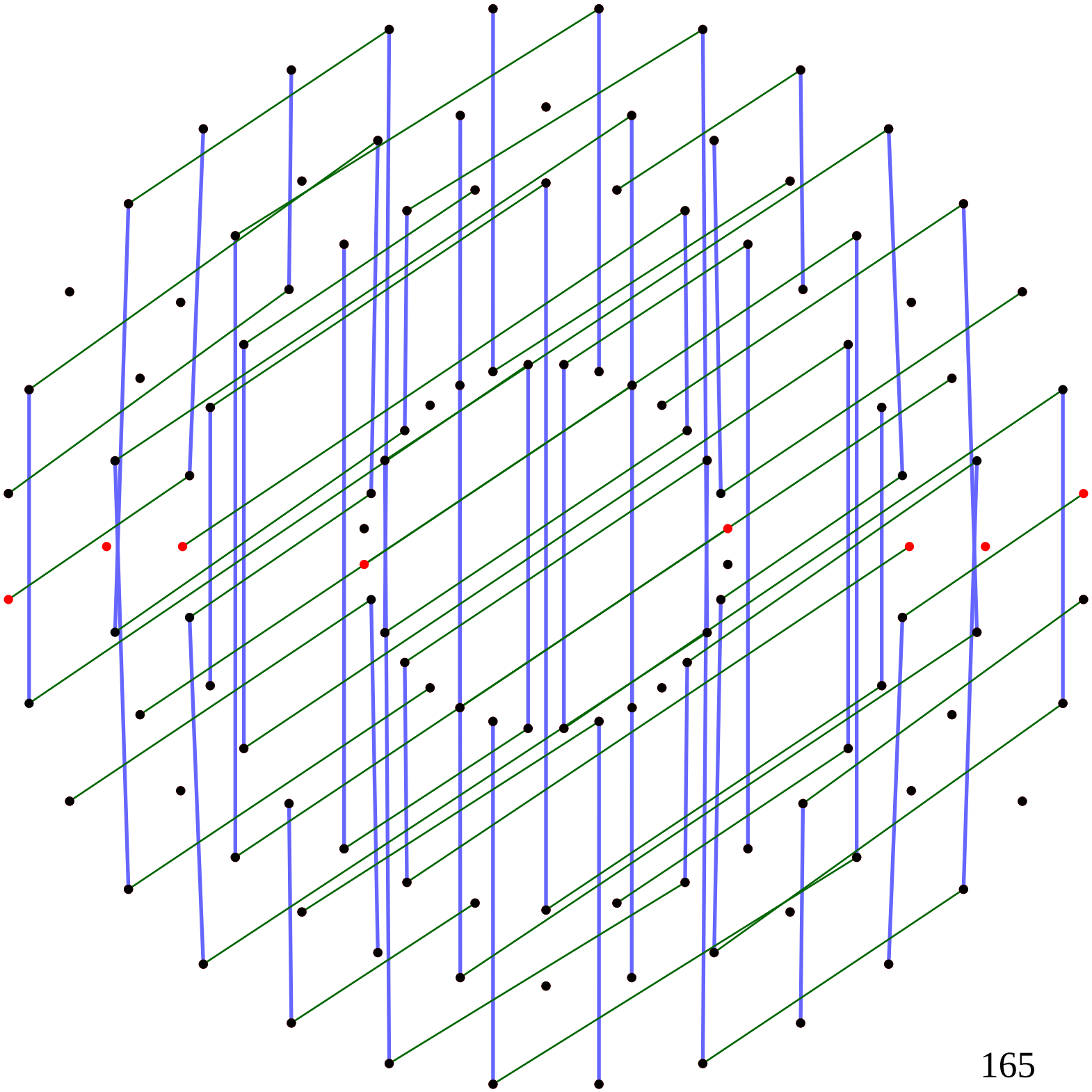
Incompatible [Degree 3.236068]



Negative root for generator 3.

Positive root for 21213212343212132 12

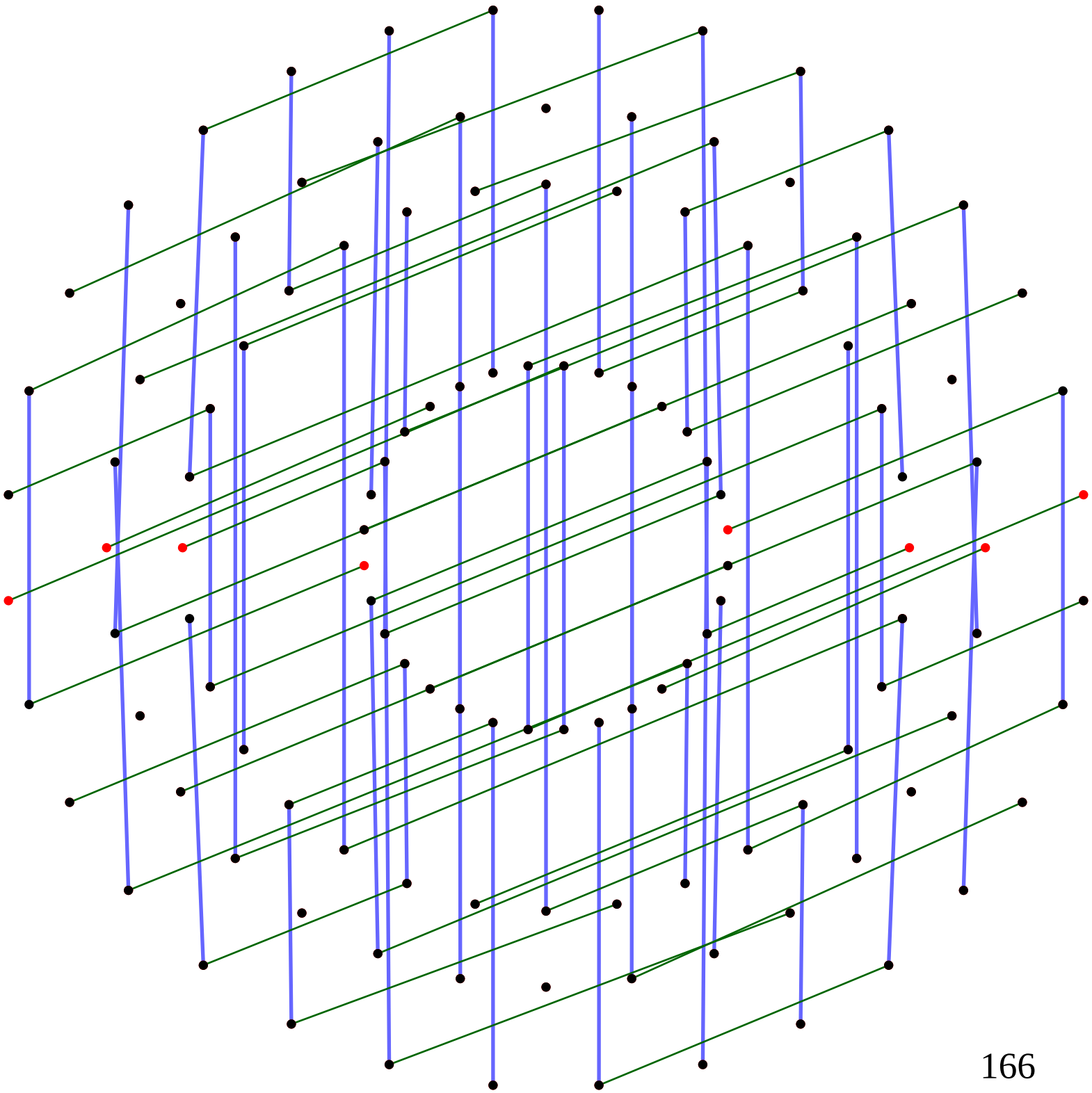
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 432121321234321213212 34

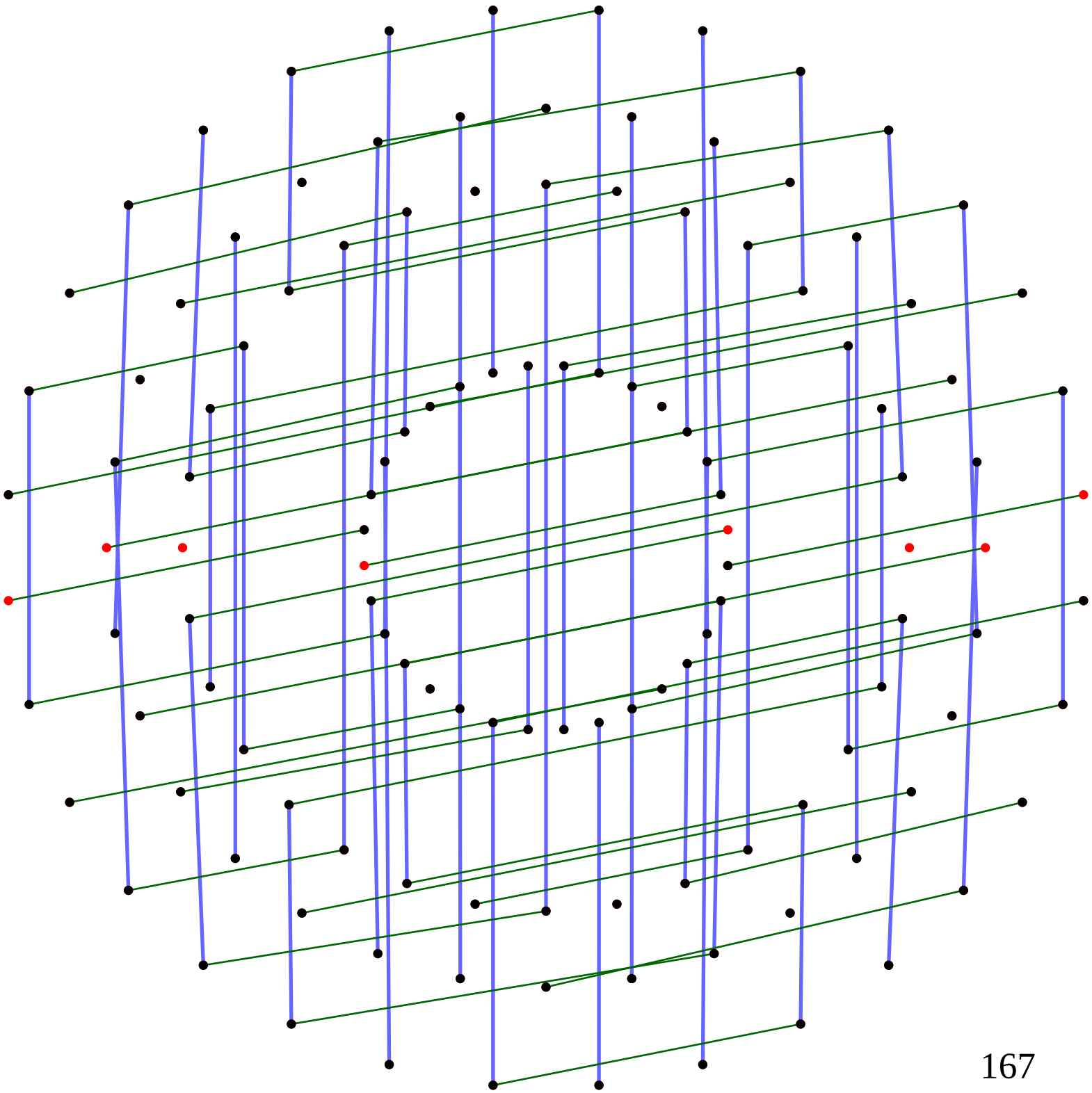
Incompatible [Degree 3.618034]



Negative root for generator 3.

Positive root for 232121321432121321243212 3

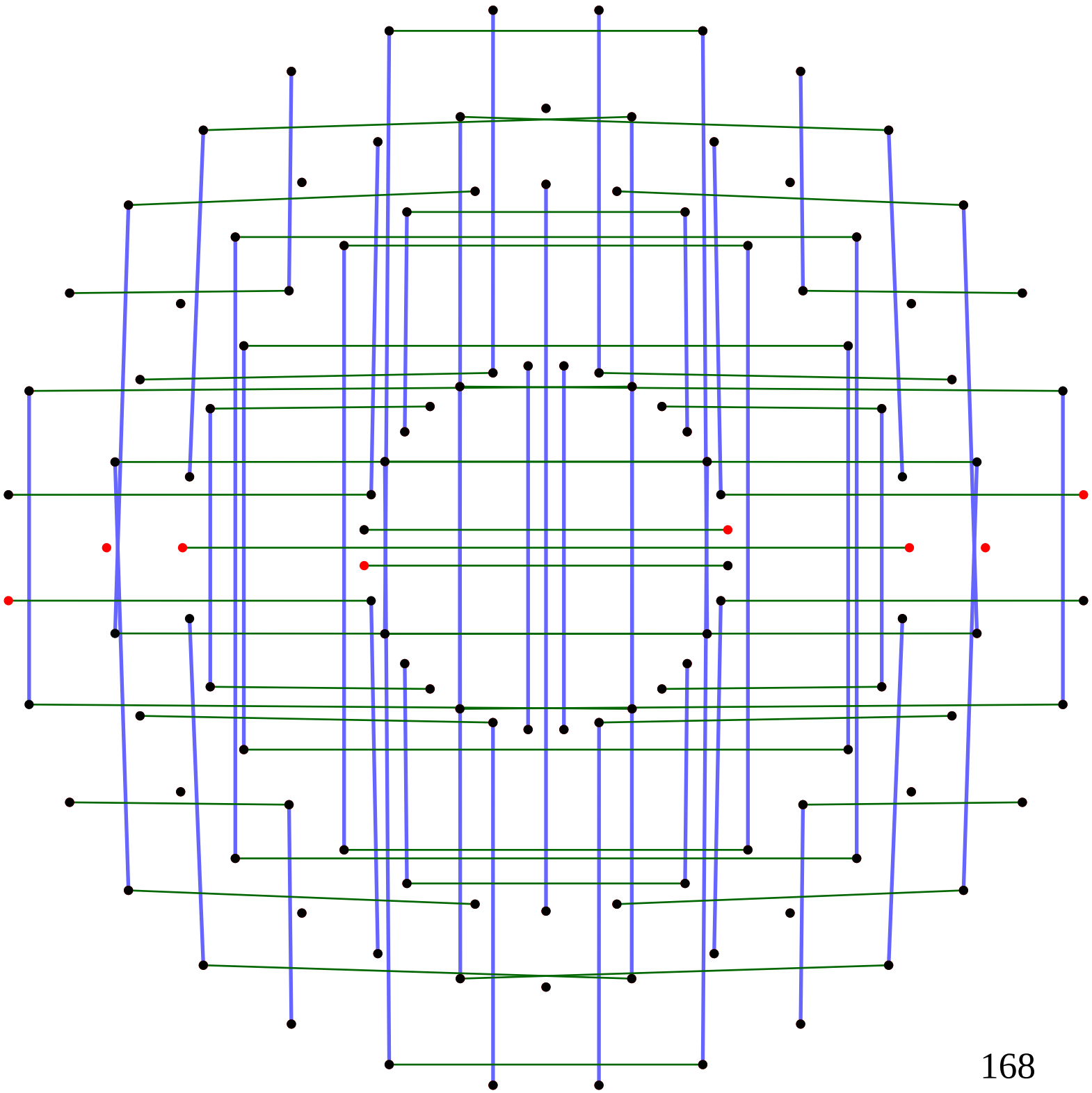
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 12123212143212132124321 21

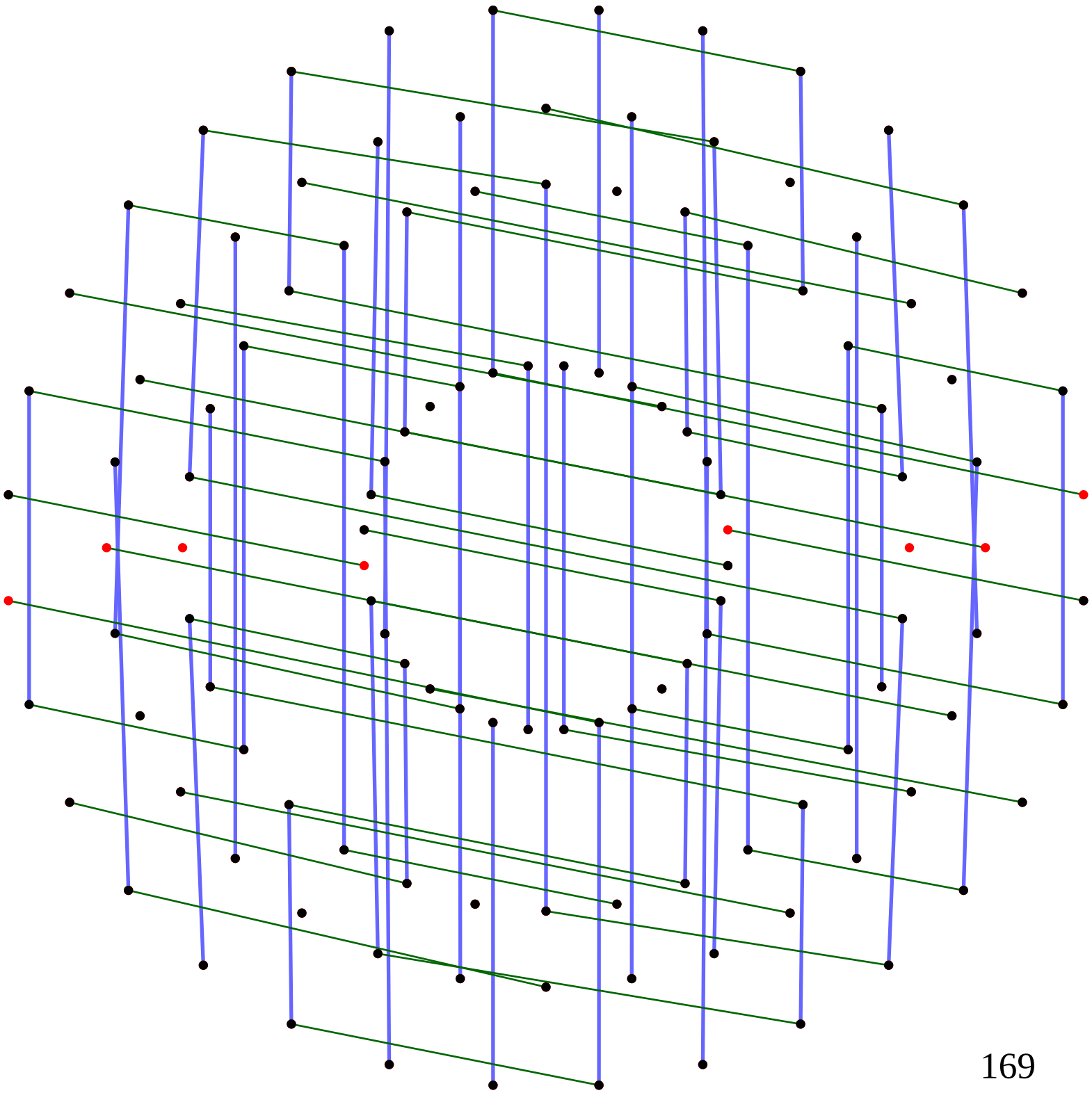
Incompatible [Degree 3.236068]



Negative root for generator 3.

Positive root for 34321213212343213212343

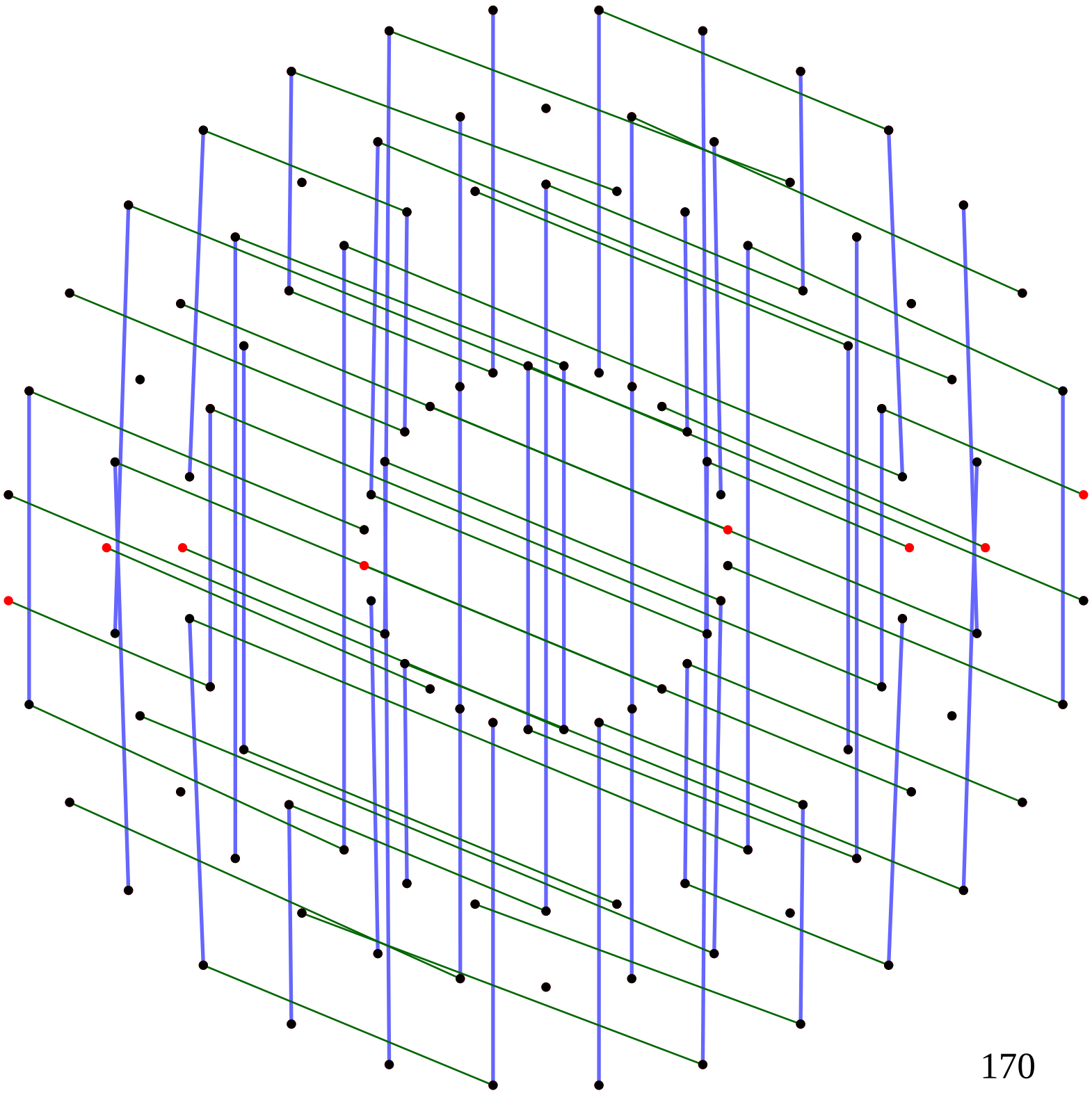
Incompatible [Degree 4.236068]



Negative root for generator 3.

Positive root for 321213212343212132123

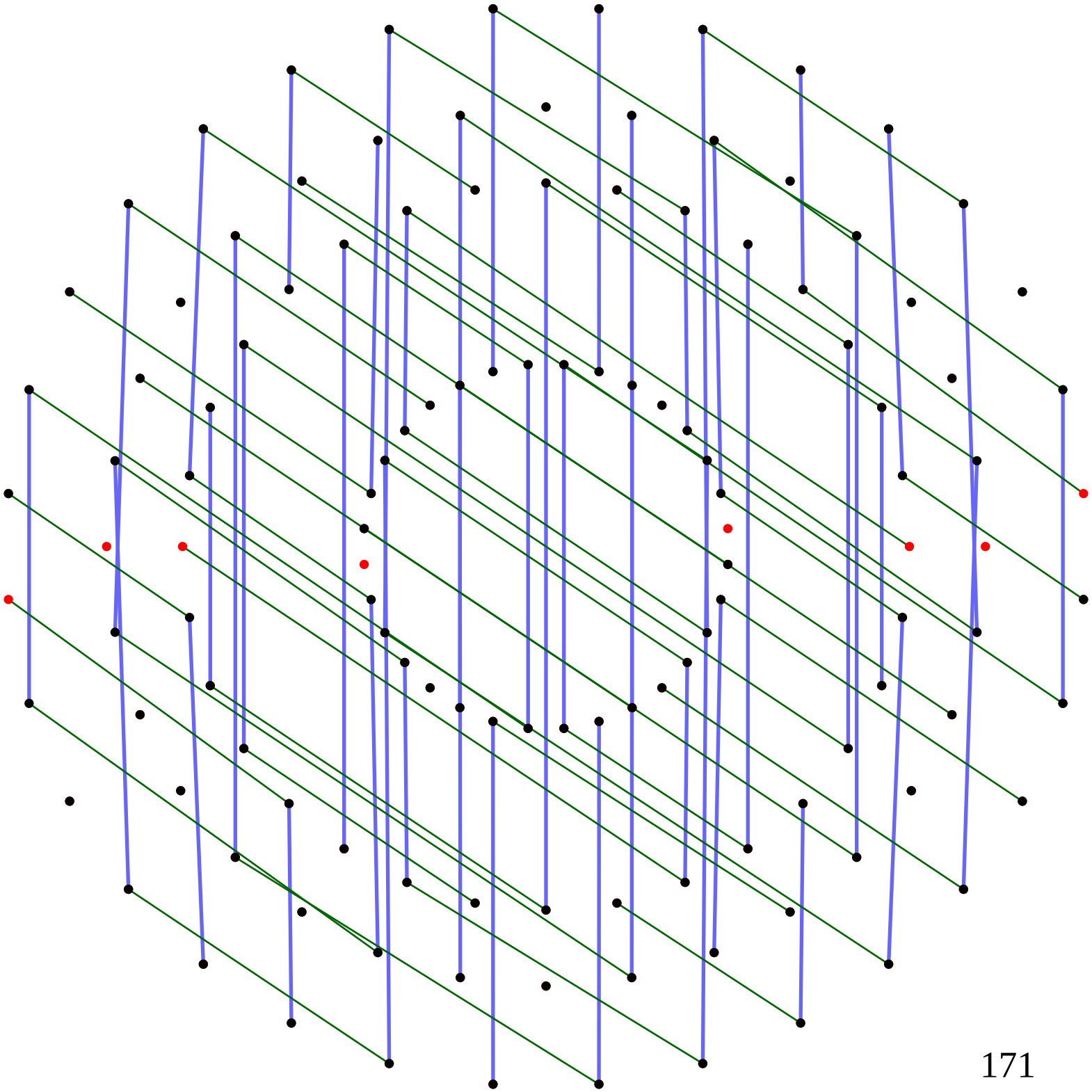
Incompatible [Degree 3.618034]



Negative root for generator 3.

Positive root for 12132143212132143 21

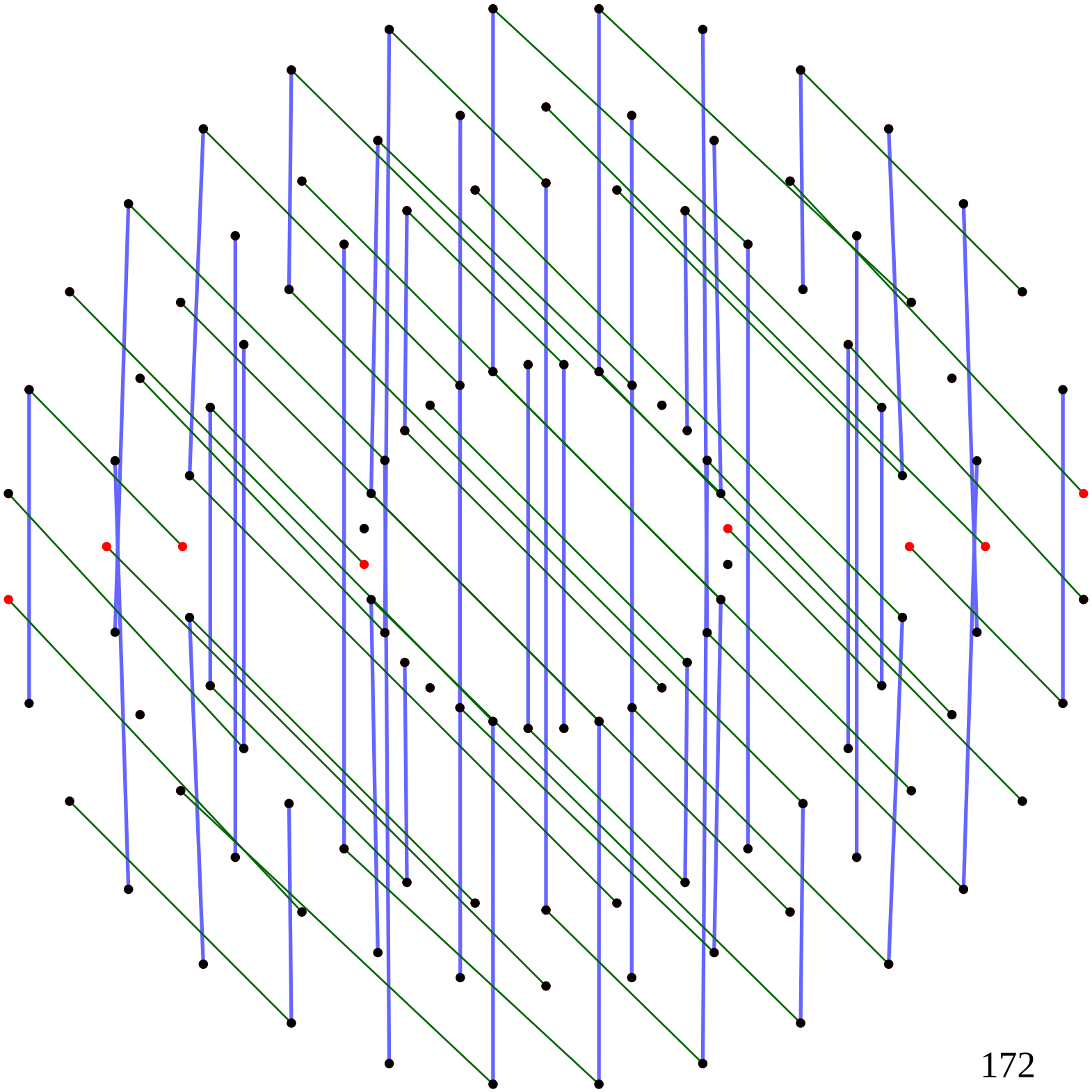
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 3212143212132124 3

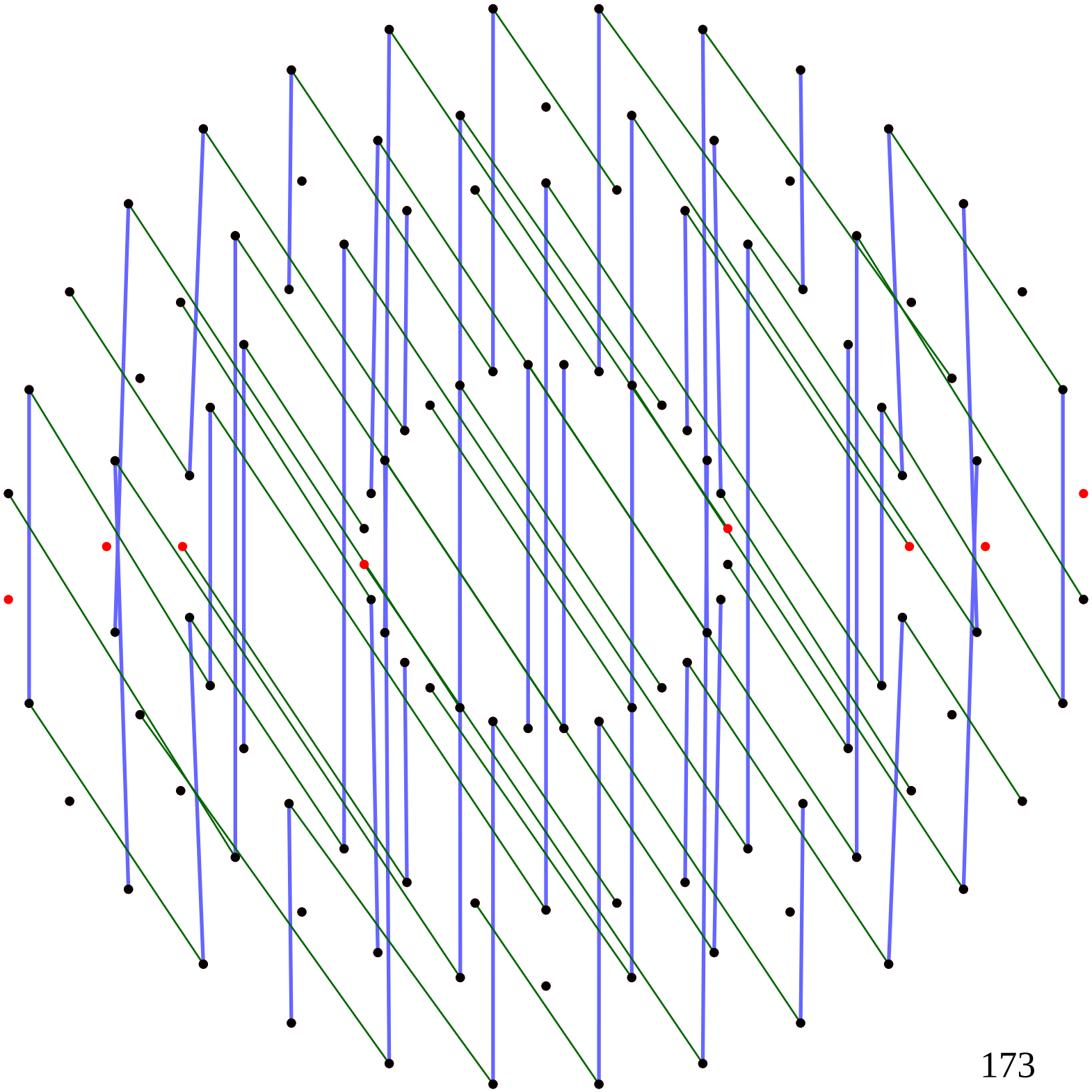
Incompatible [Degree 3.236068]



Negative root for generator 3.

Positive root for 12132121321

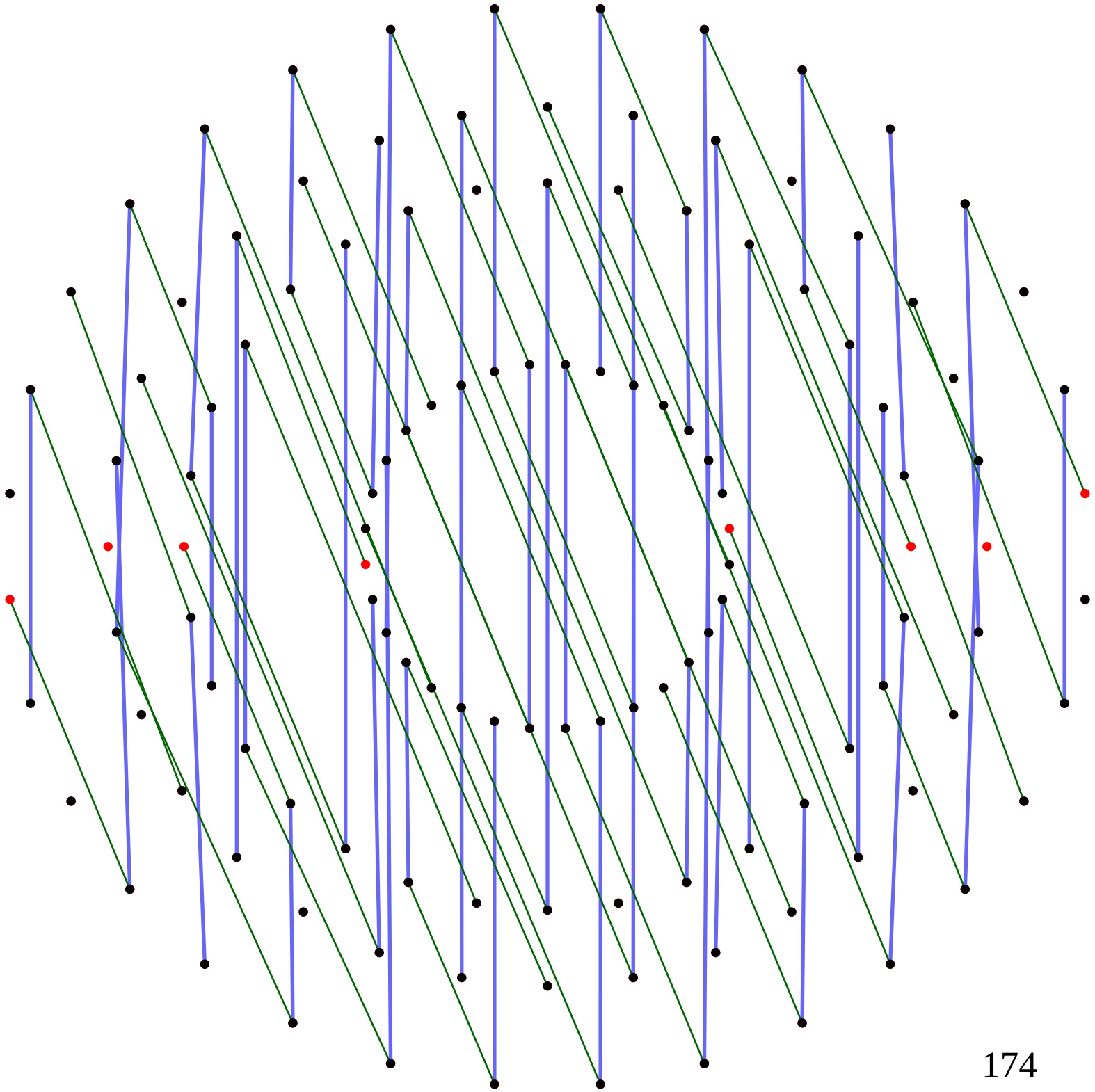
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 1234321

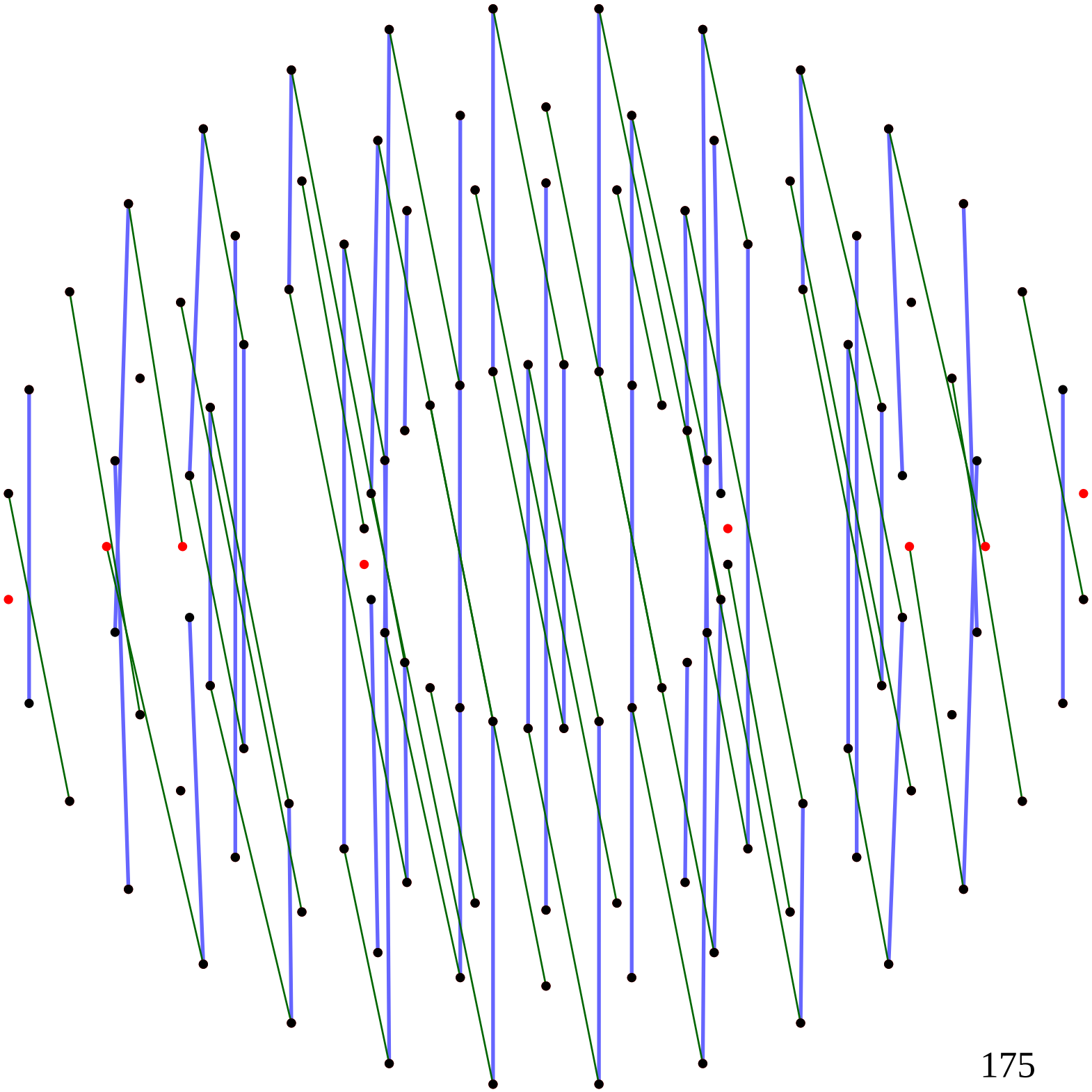
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 3

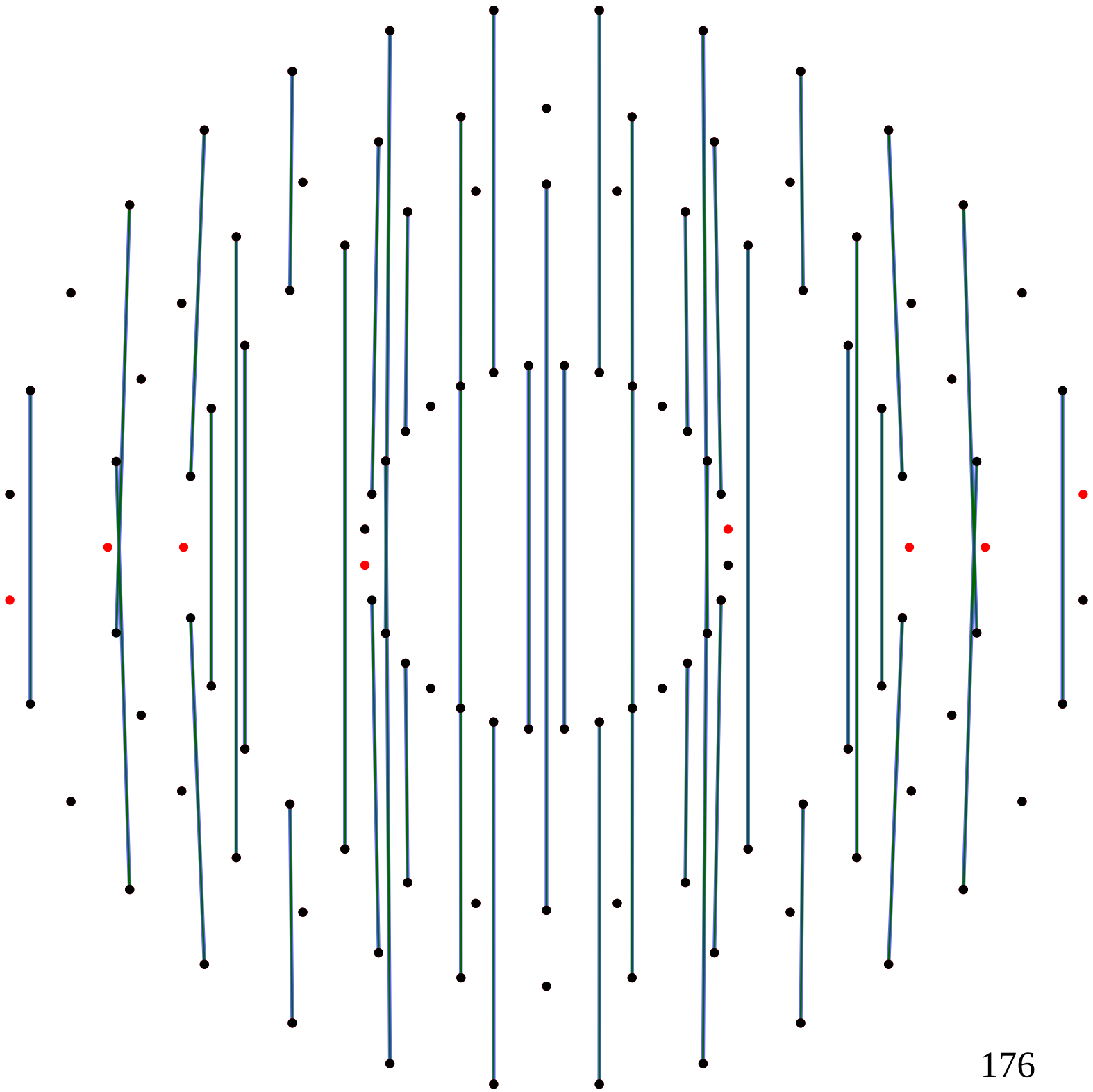
Incompatible [Degree 1]



Negative root for generator 3.

Negative root for generator 3.

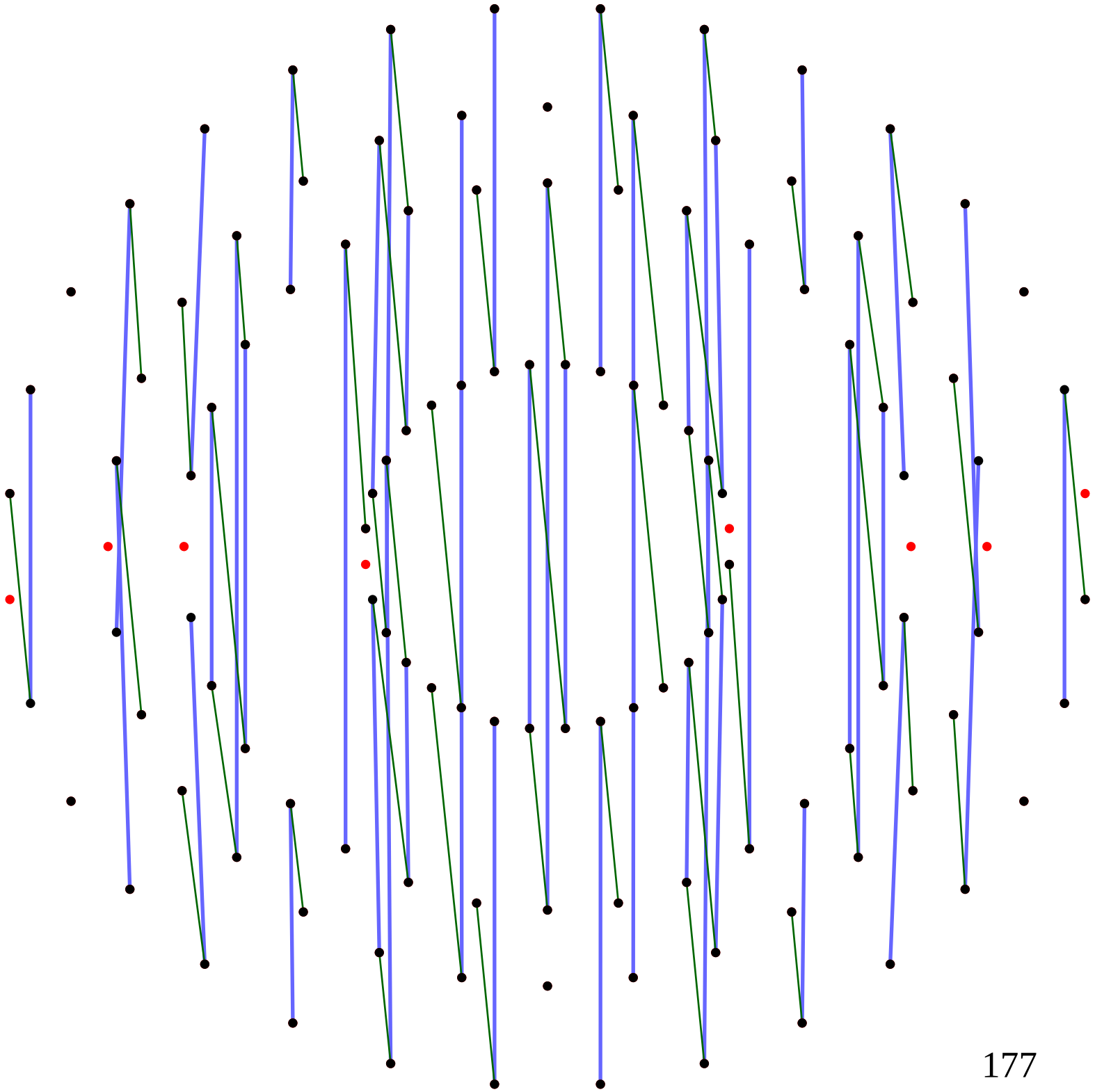
Coinciding



Negative root for generator 3.

Negative root for generator 4.

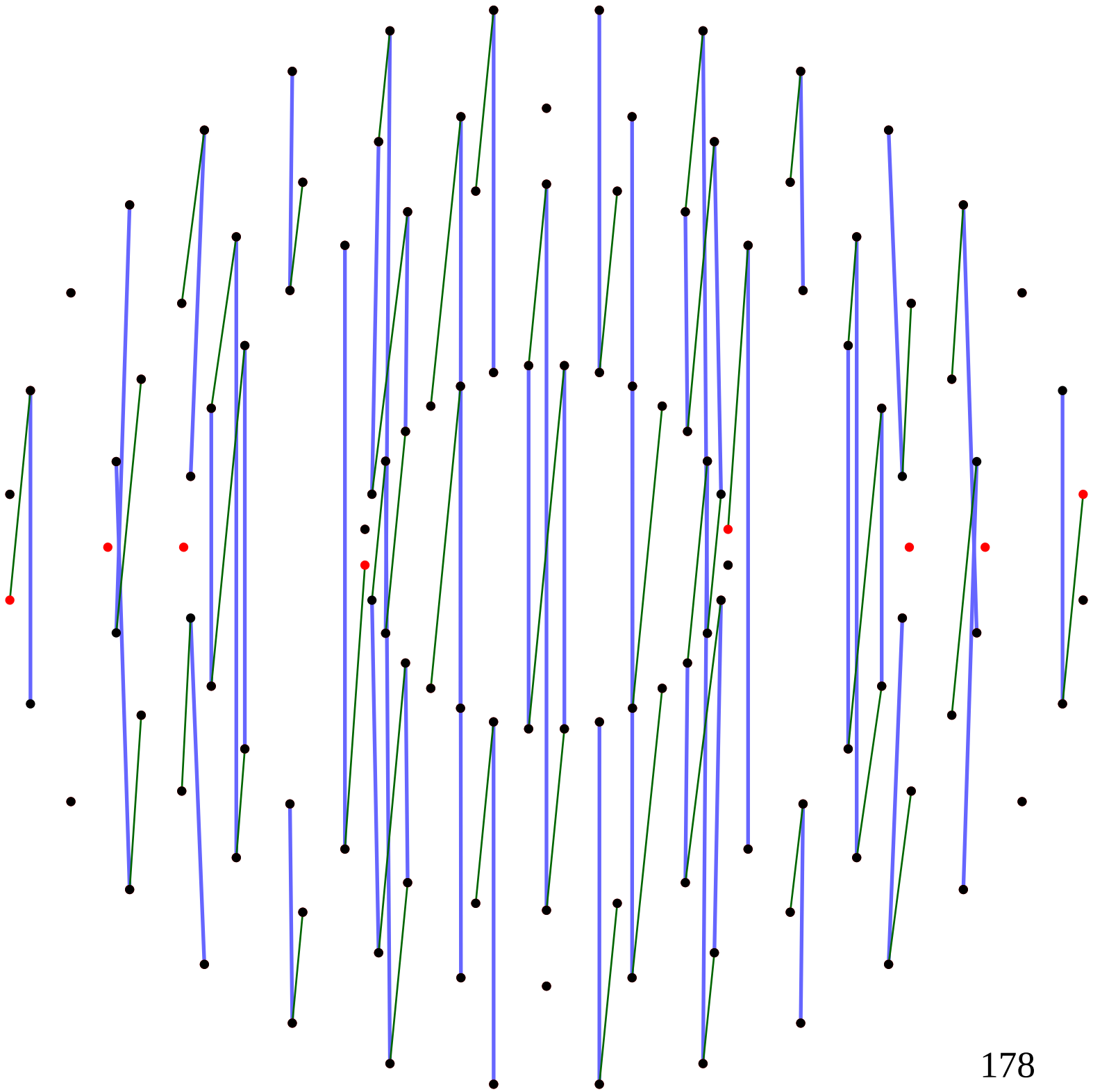
Compatible



Negative root for generator 3.

Positive root for 4

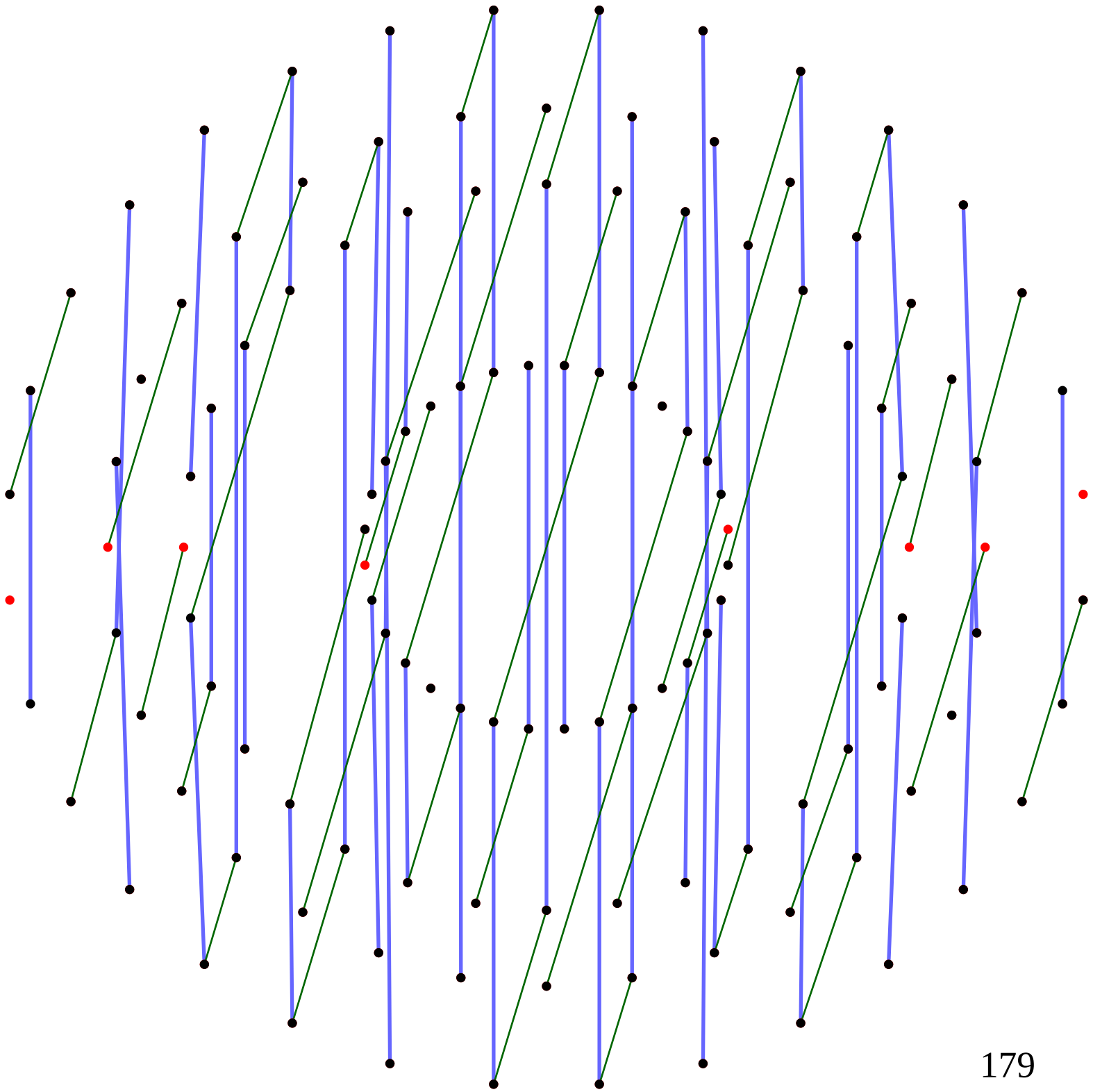
Compatible



Negative root for generator 3.

Positive root for 232

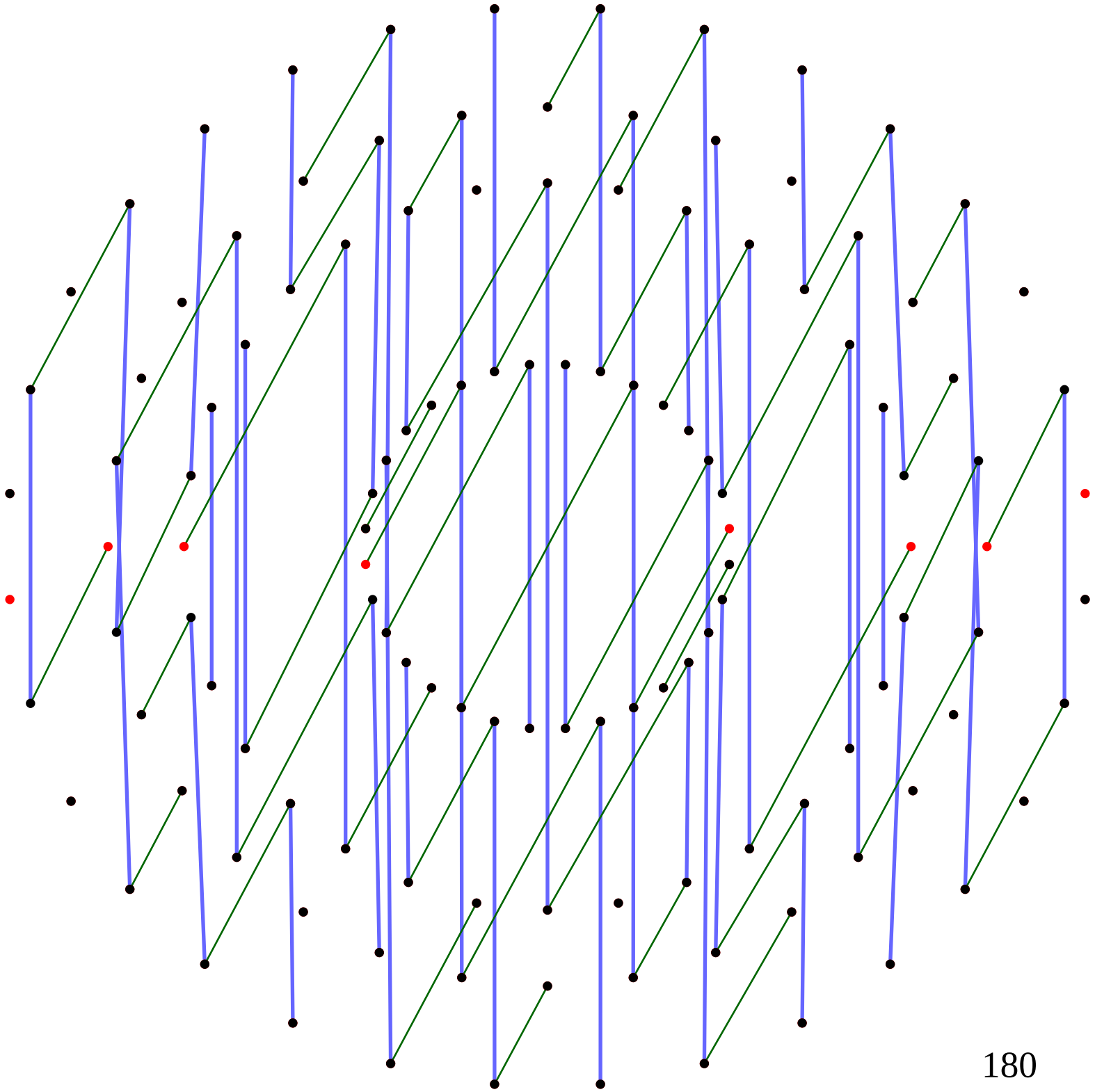
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 12121

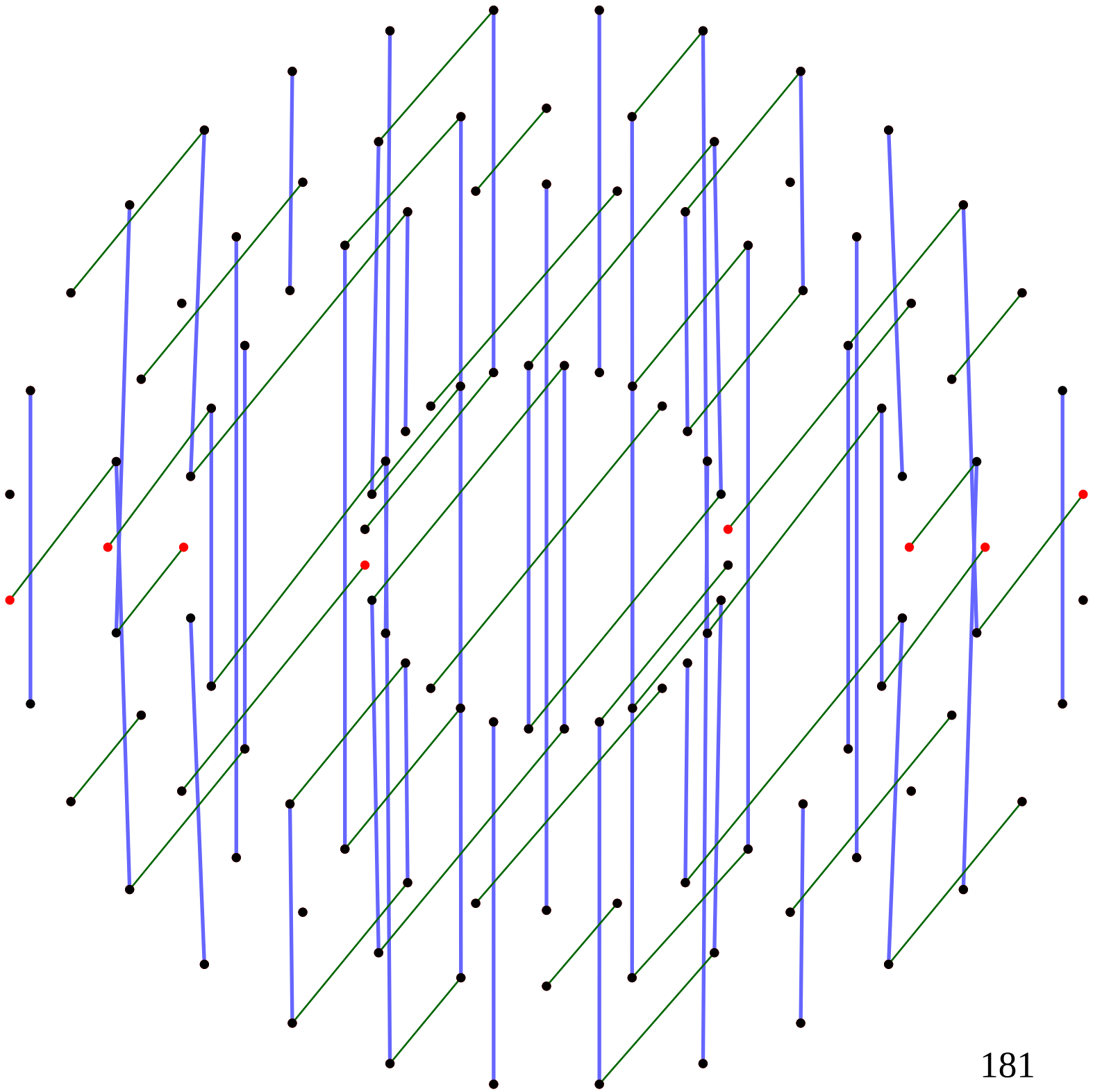
Compatible



Negative root for generator 3.

Positive root for 4321234

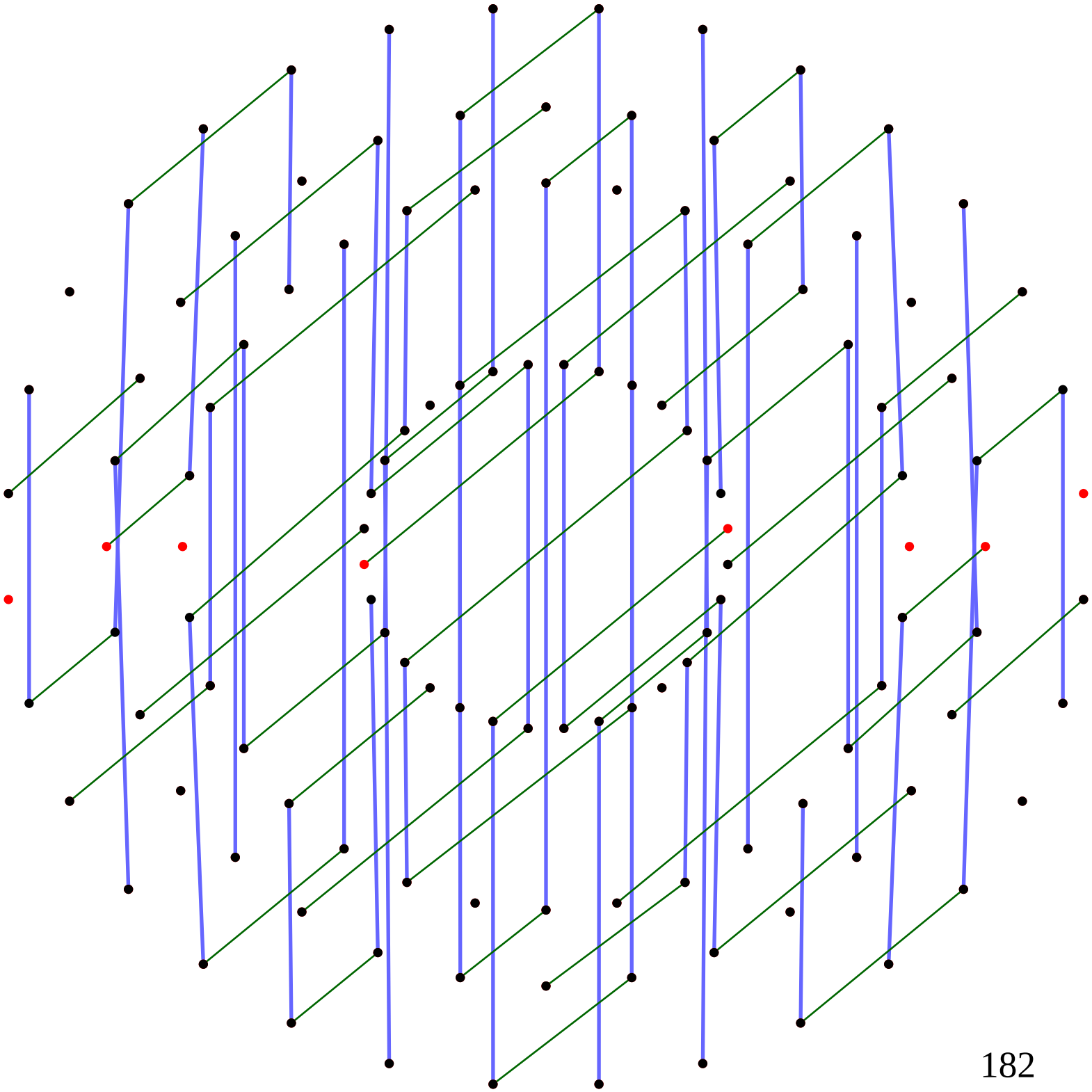
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 213212132

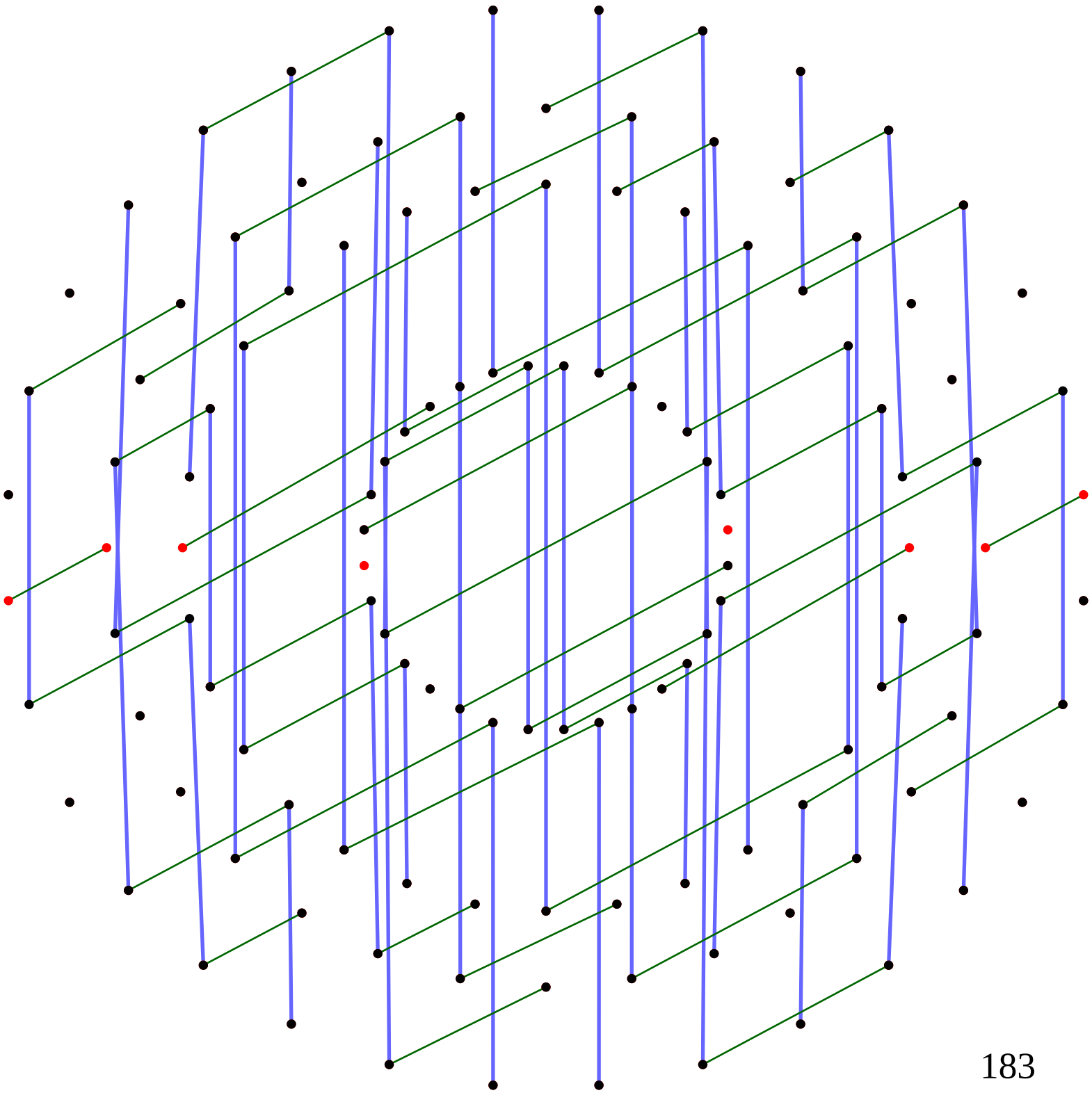
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 12123432121

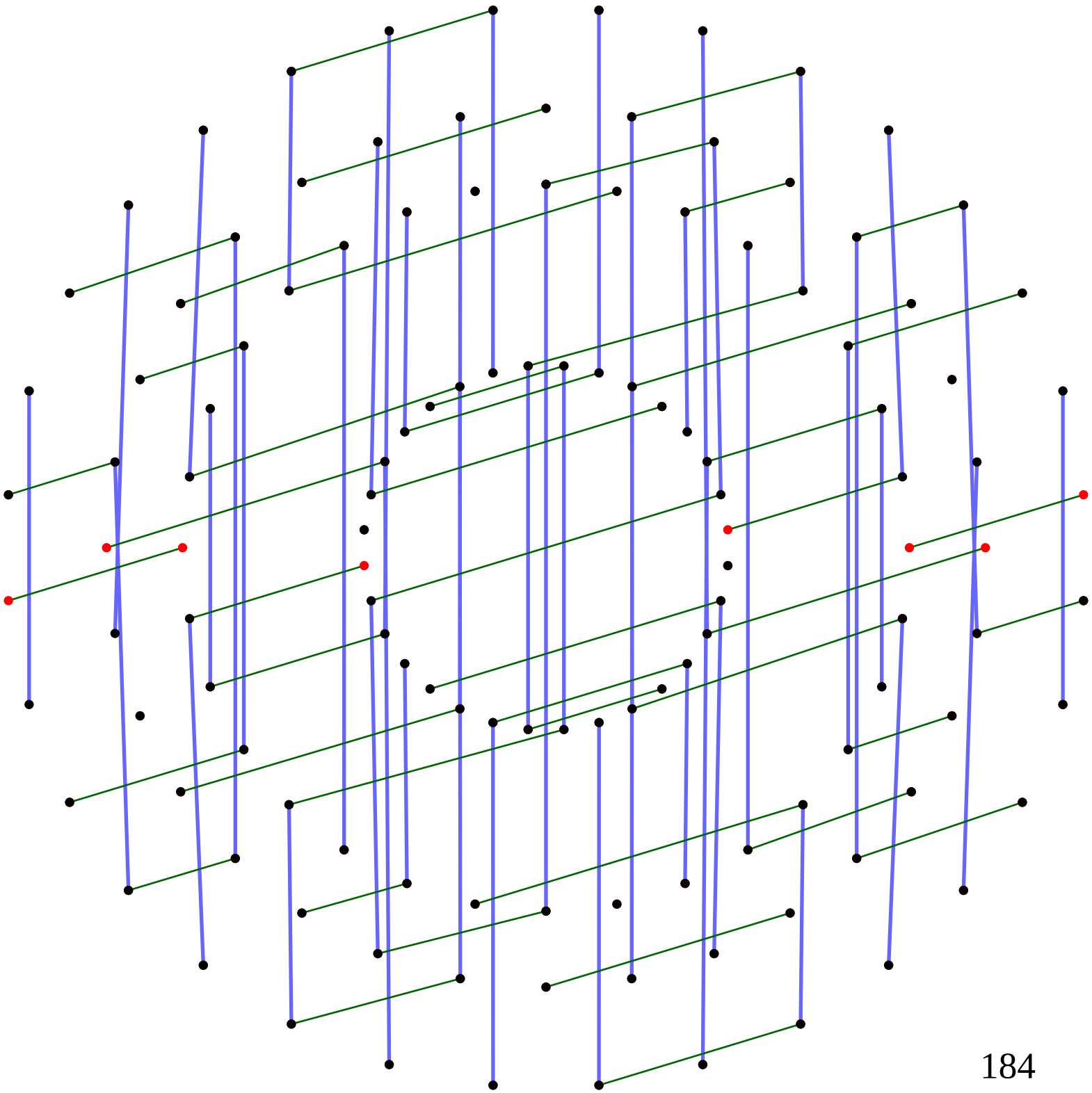
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 3214321213243

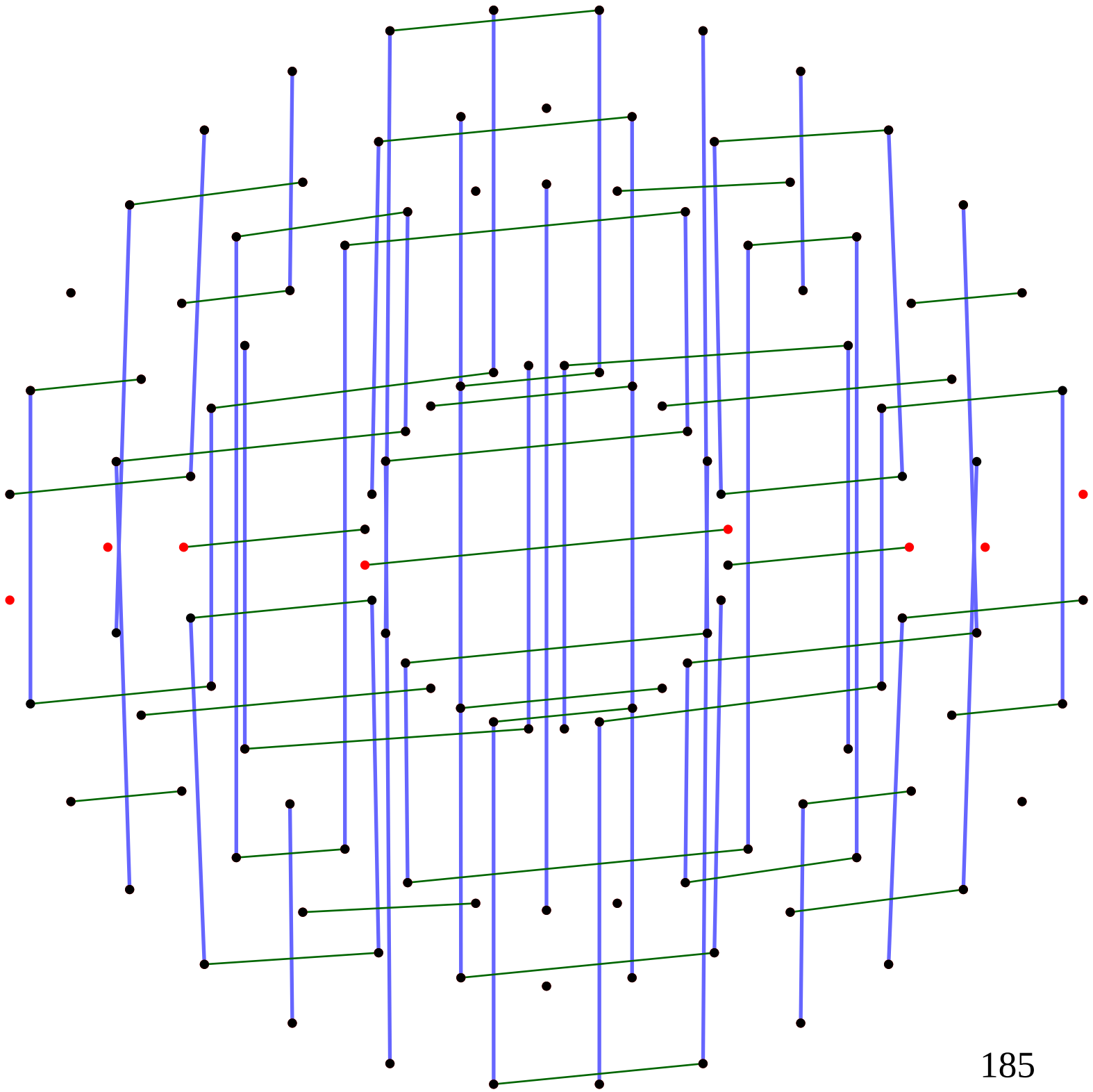
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 2121321213212

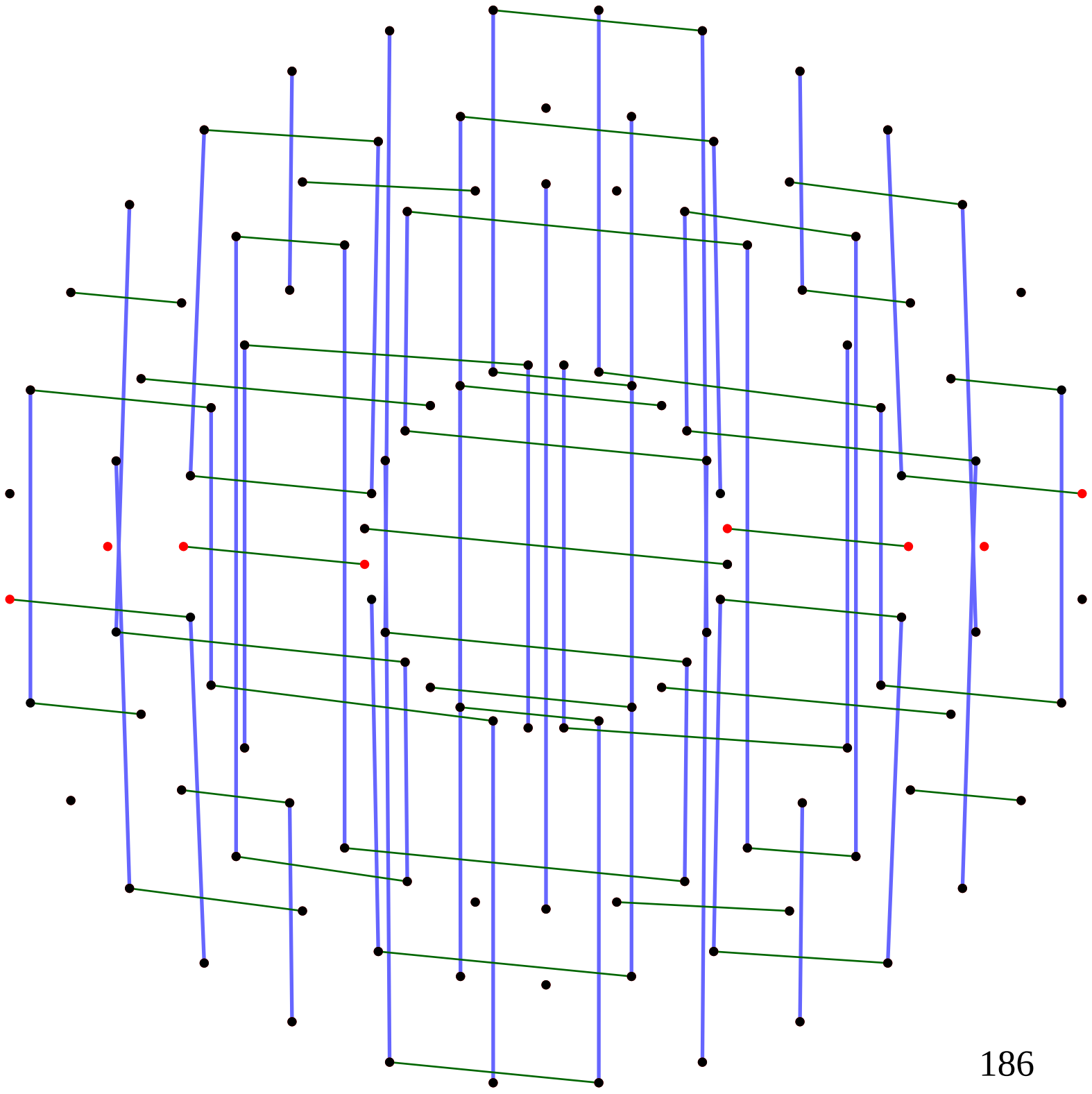
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 1214321213214

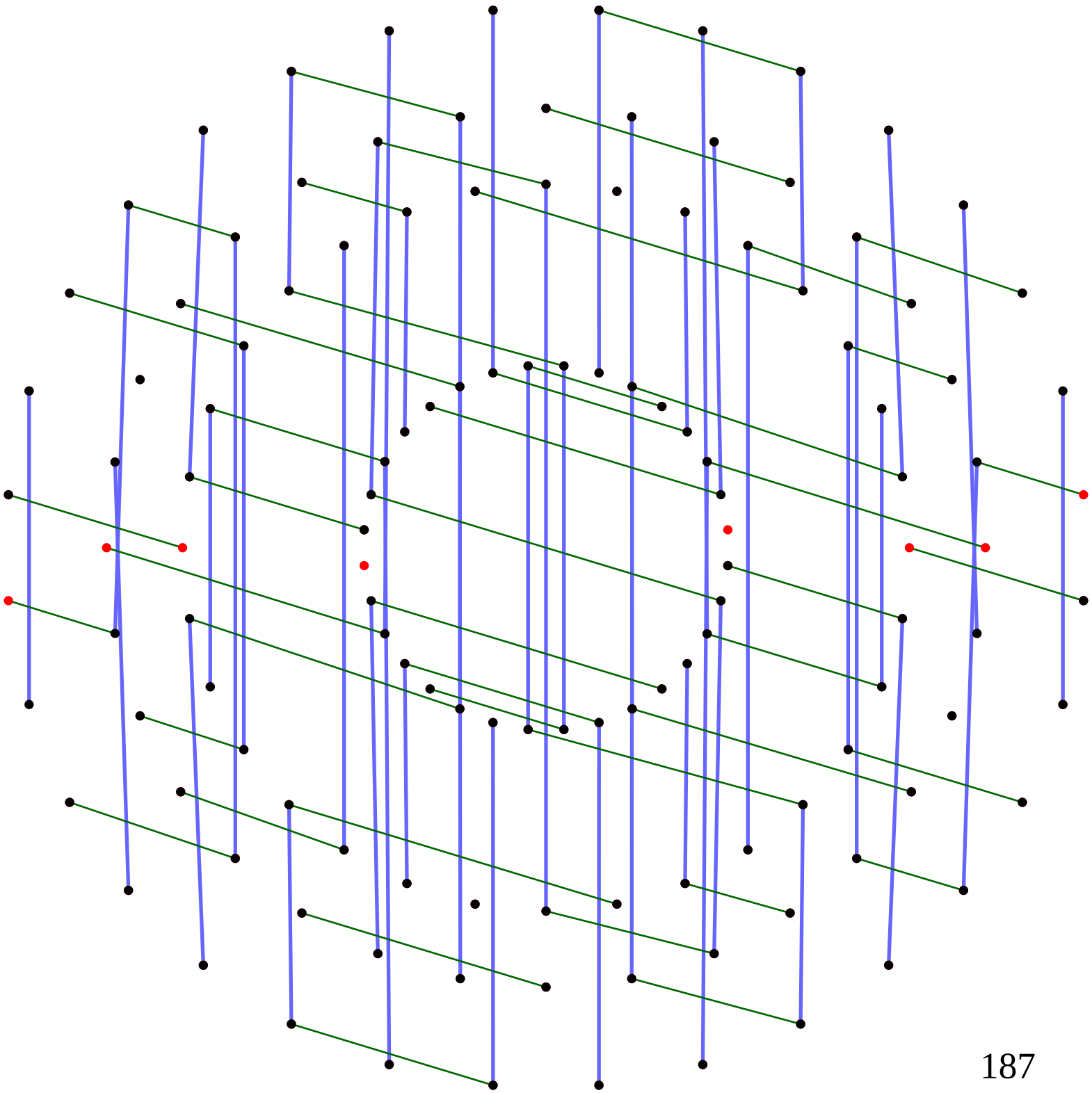
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 32123432123

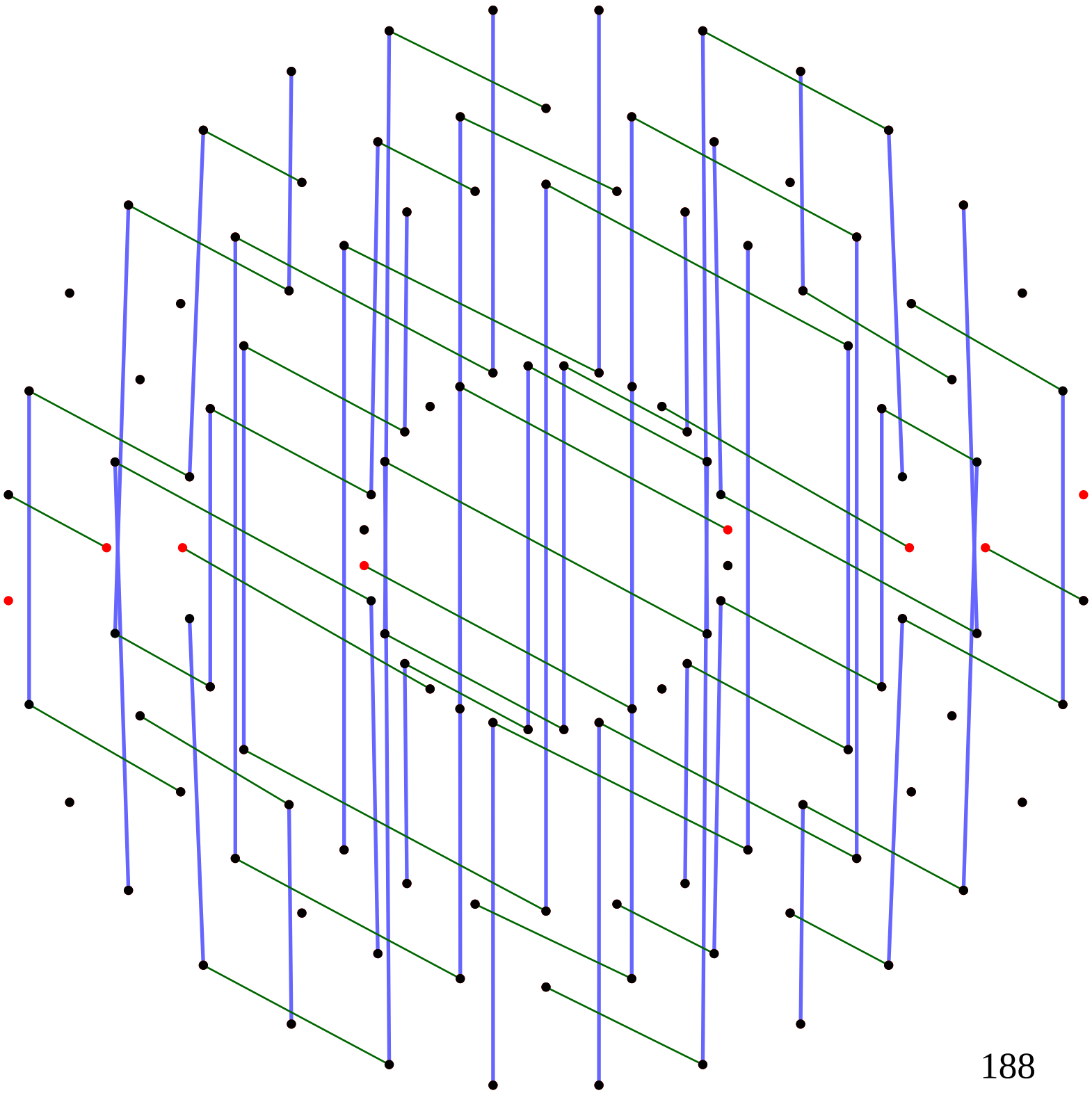
Incompatible [Degree 2.618034]



Negative root for generator 3.

Positive root for 121232121

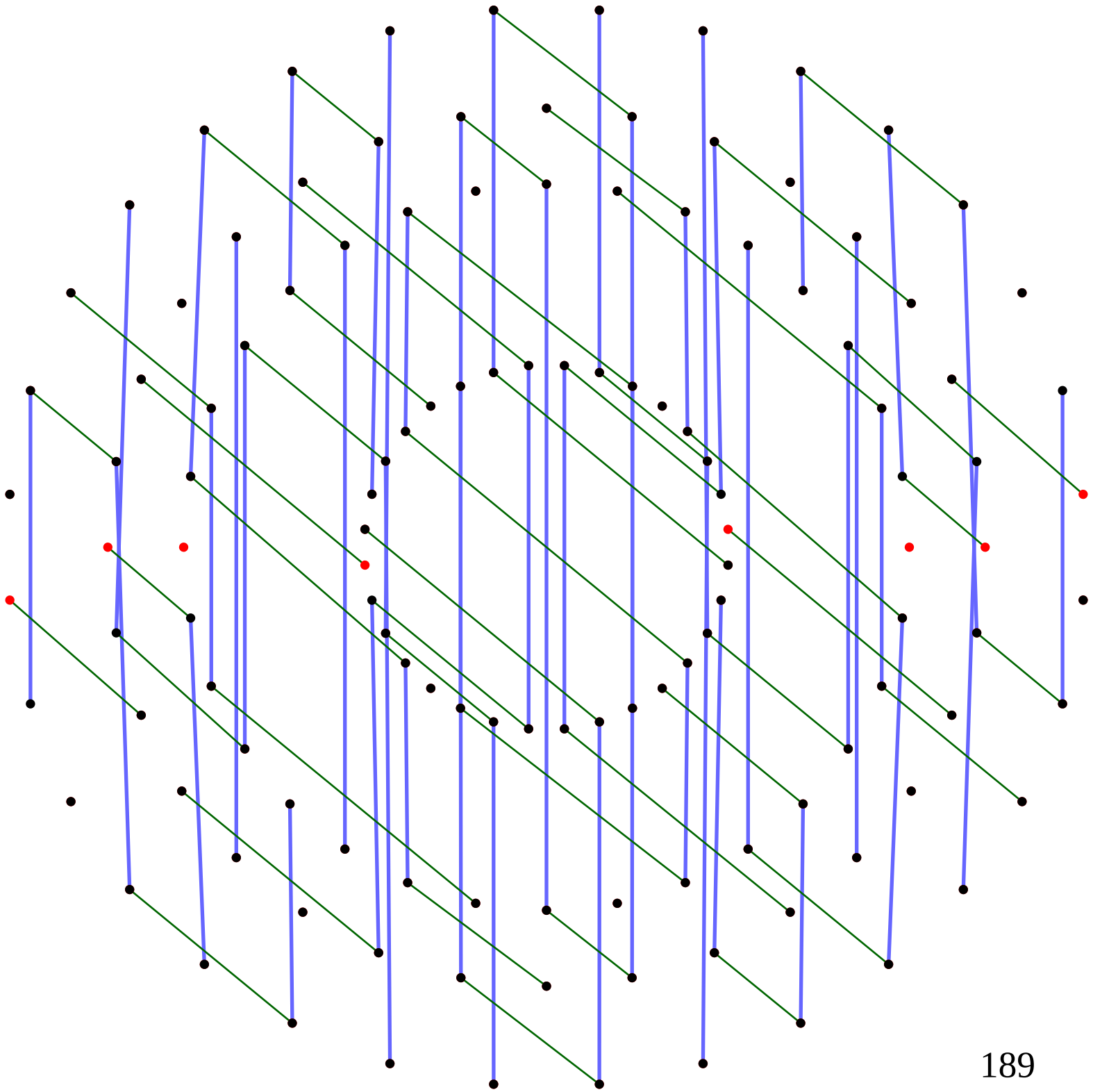
Incompatible [Degree 1]



Negative root for generator 3.

Positive root for 143212134

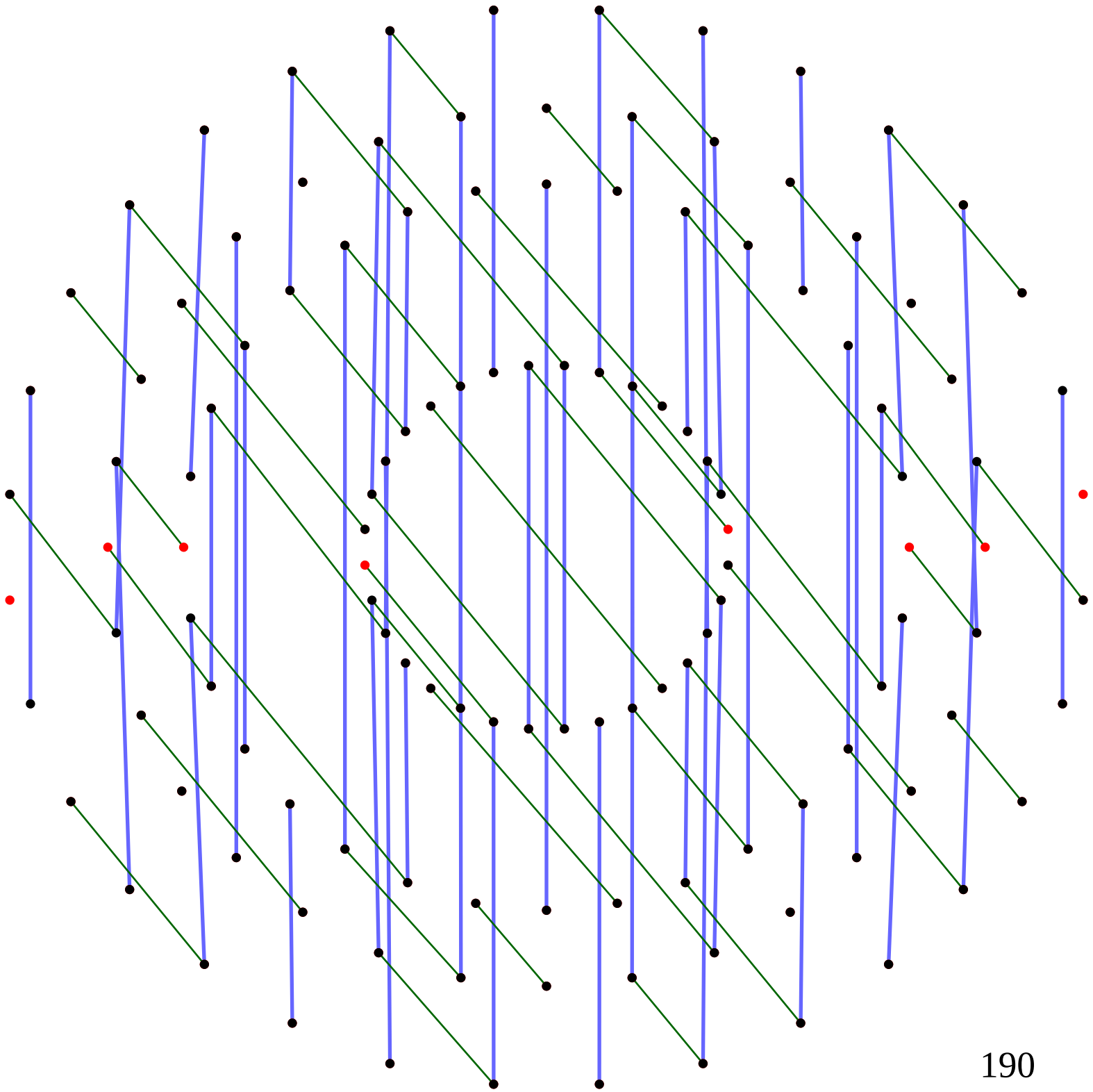
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 32123

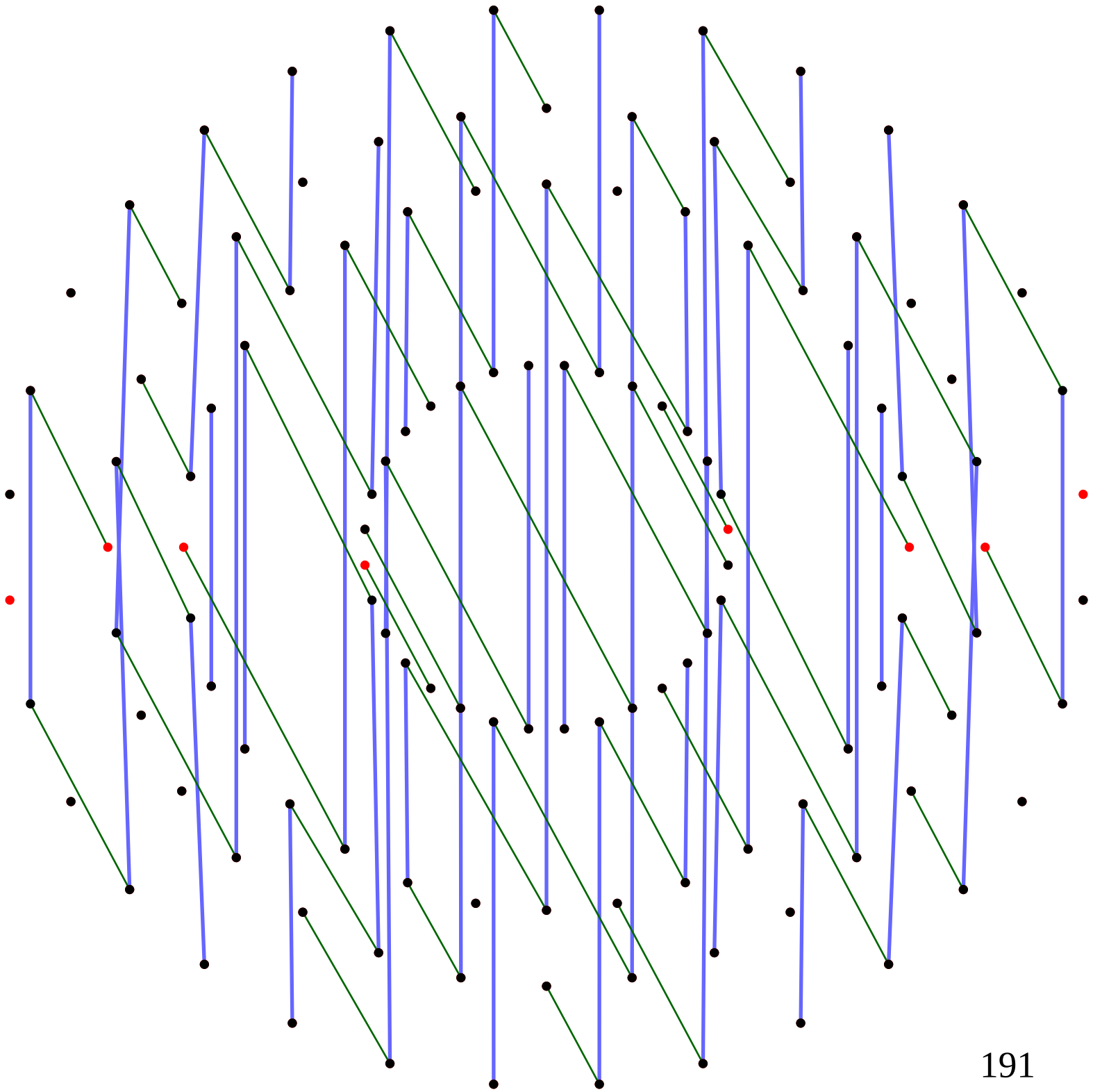
Incompatible [Degree 1.618034]



Negative root for generator 3.

Positive root for 121

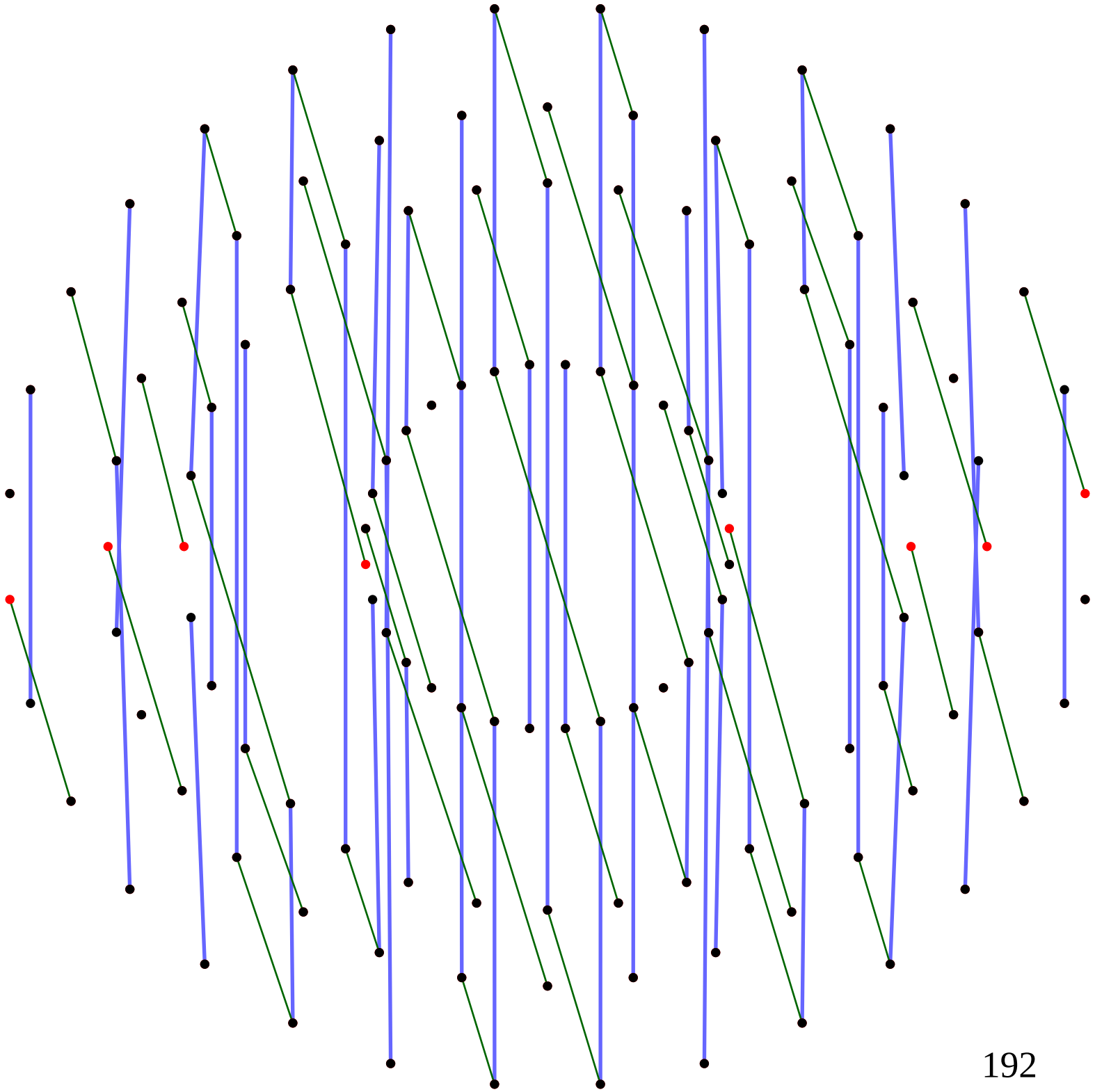
Compatible



Negative root for generator 3.

Positive root for 343

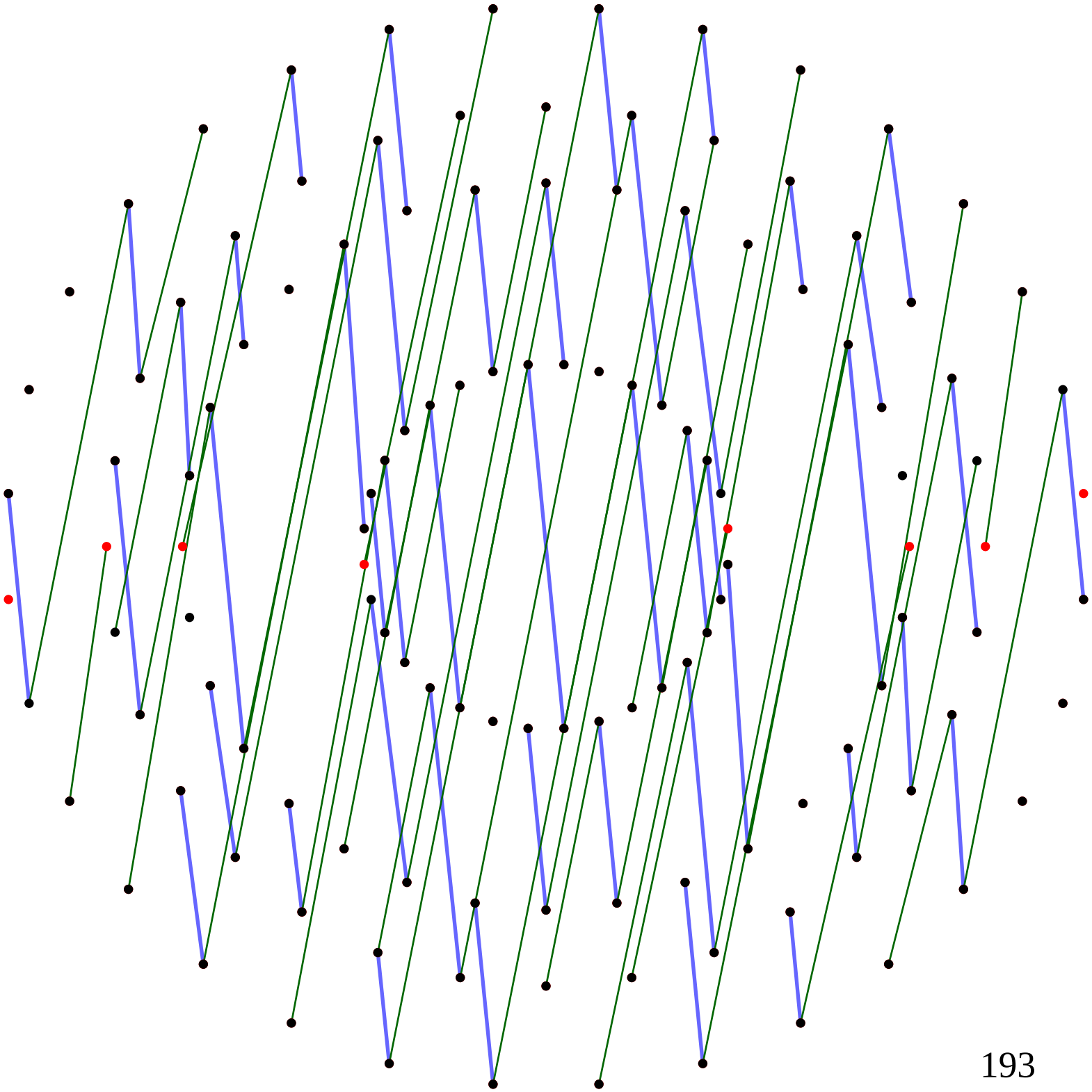
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 212

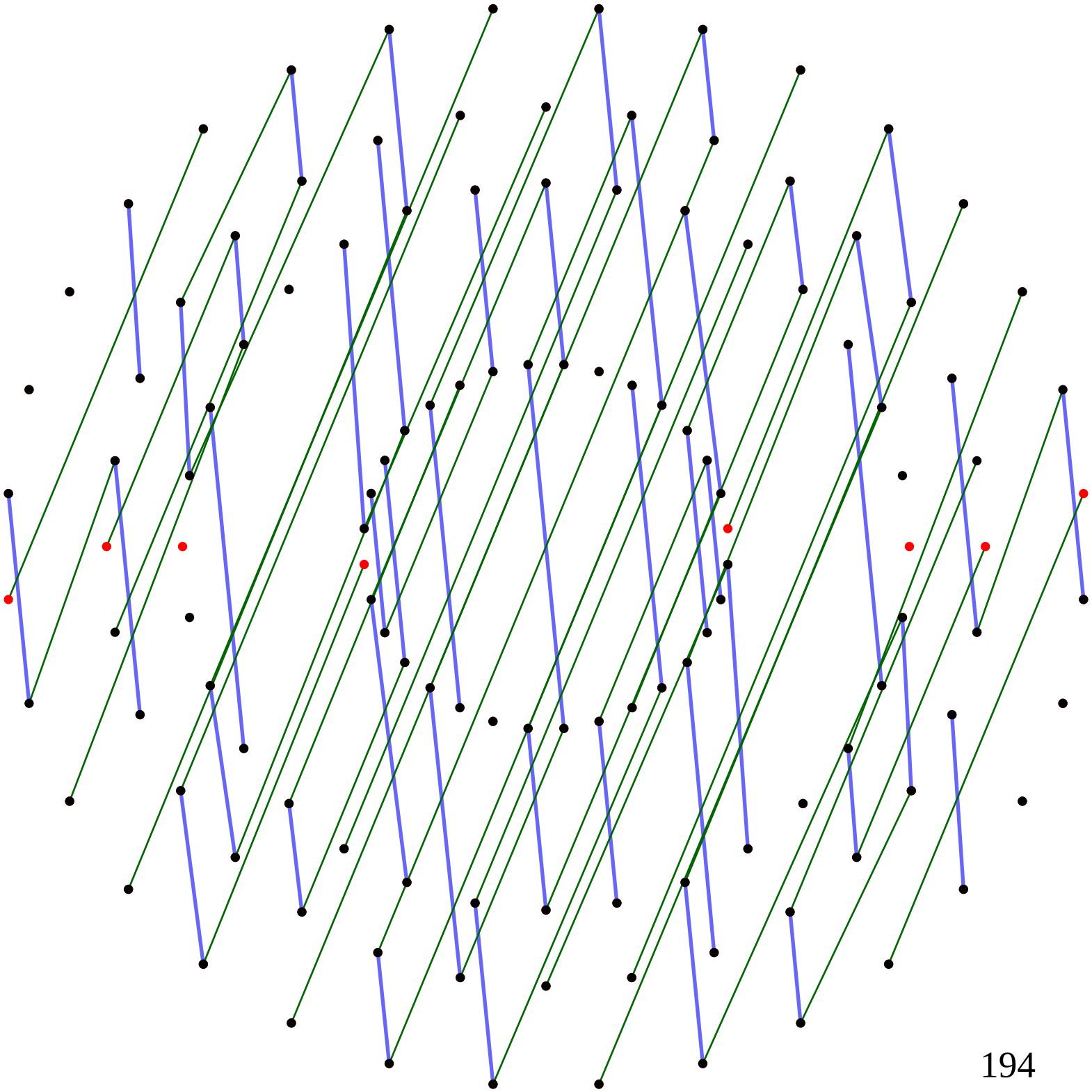
Compatible



Negative root for generator 4.

Positive root for 21432121324

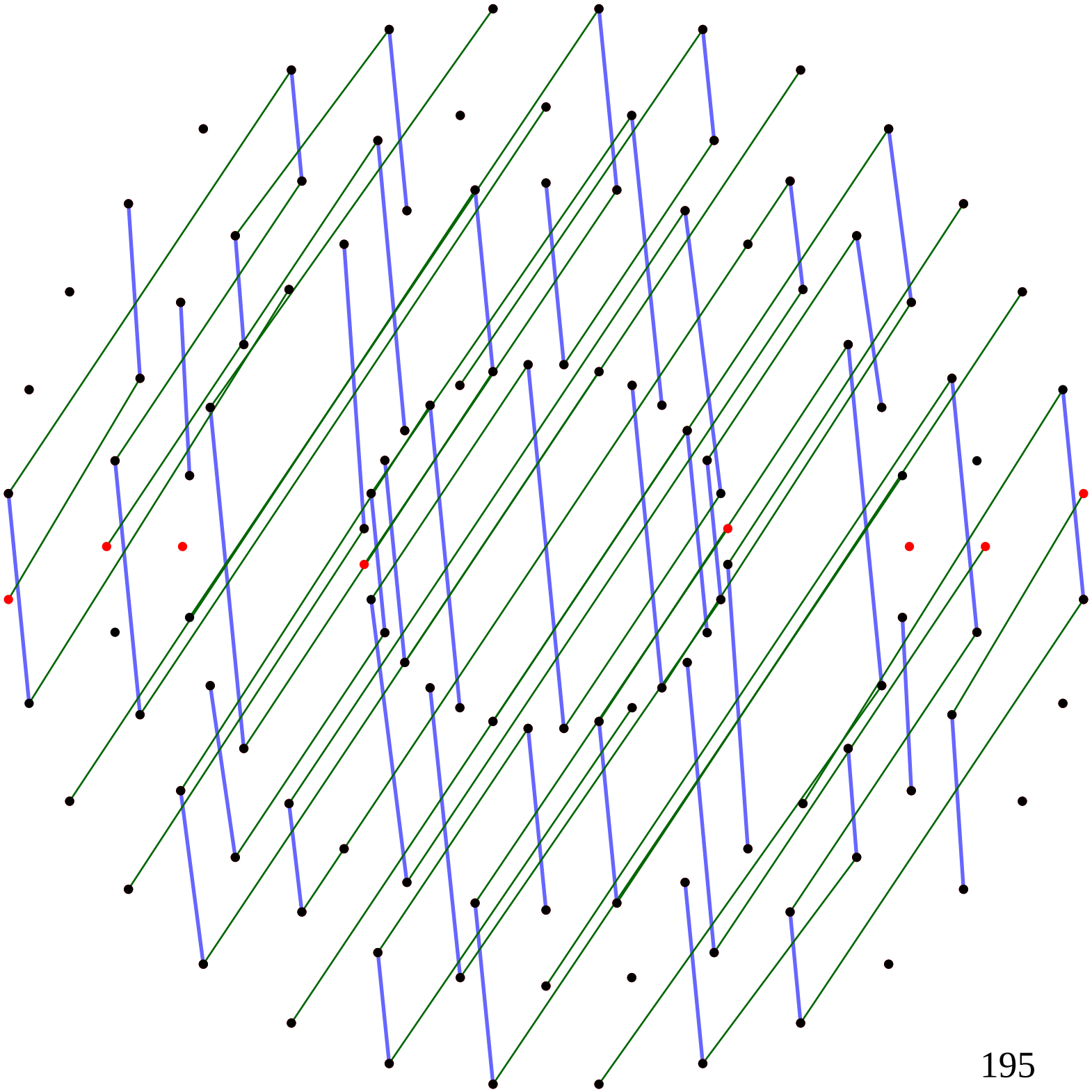
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 213212343212132

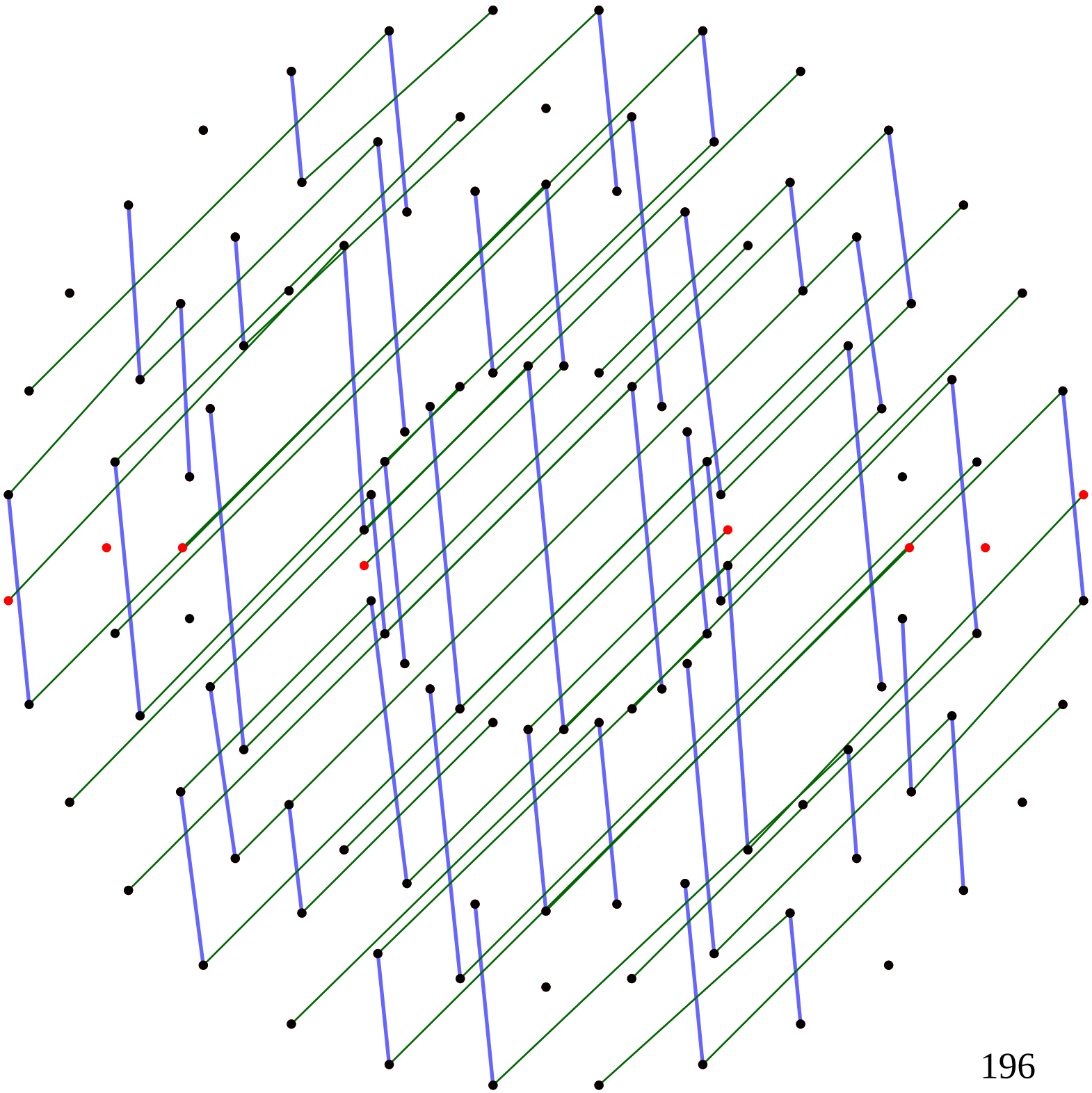
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 212132143212132143212

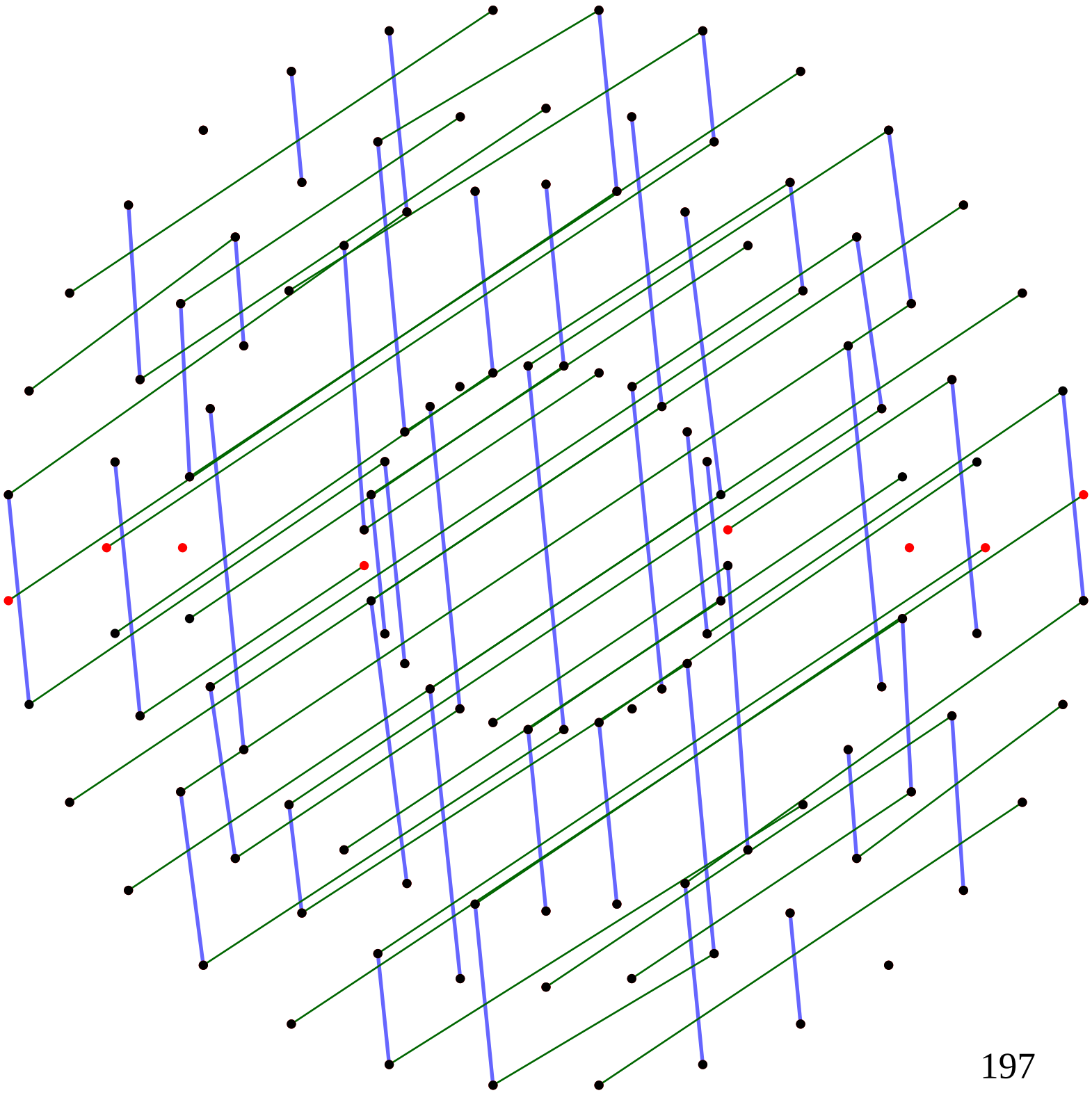
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 2343212132123432132123432

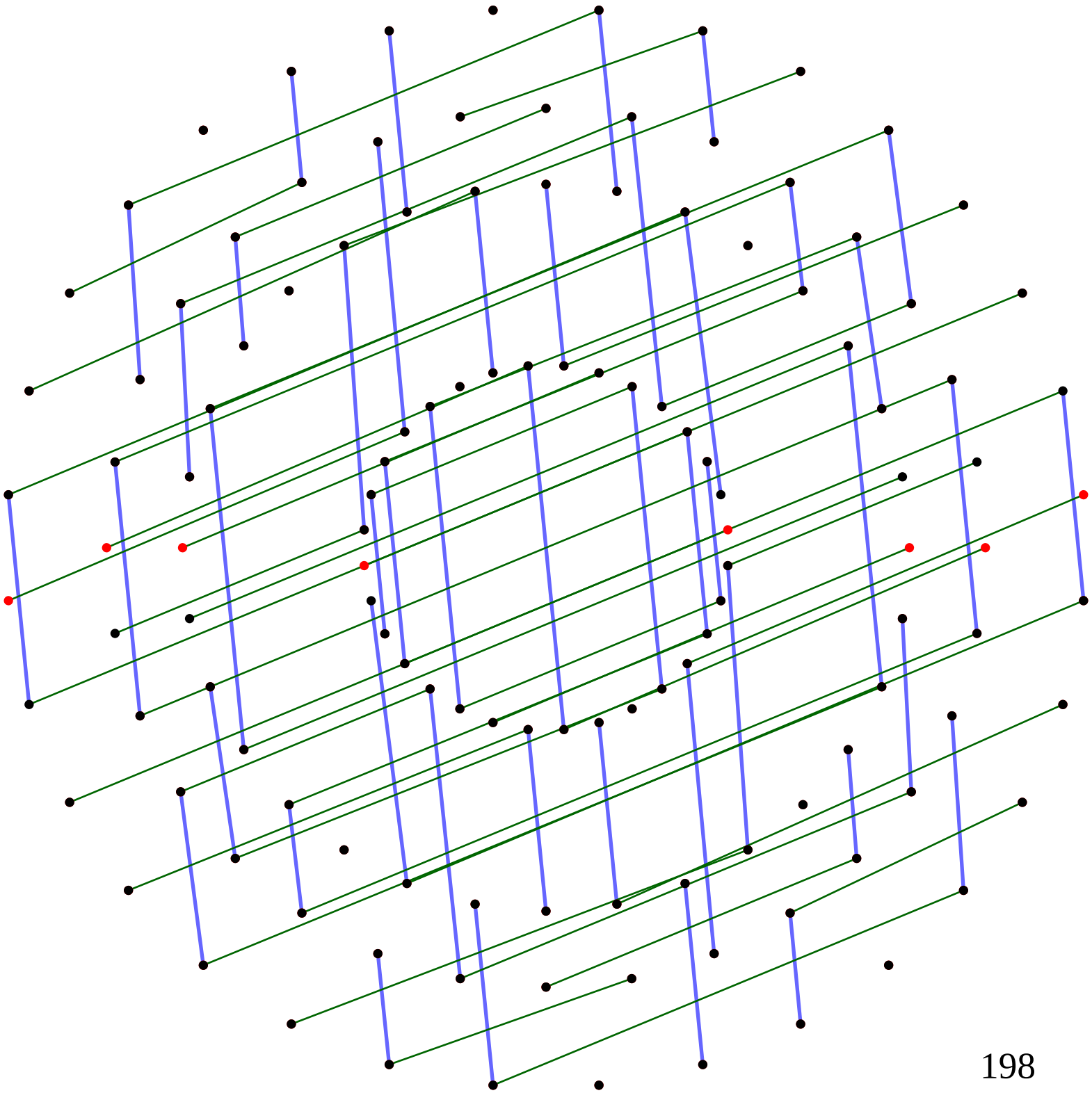
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 21232121321432121321243212132

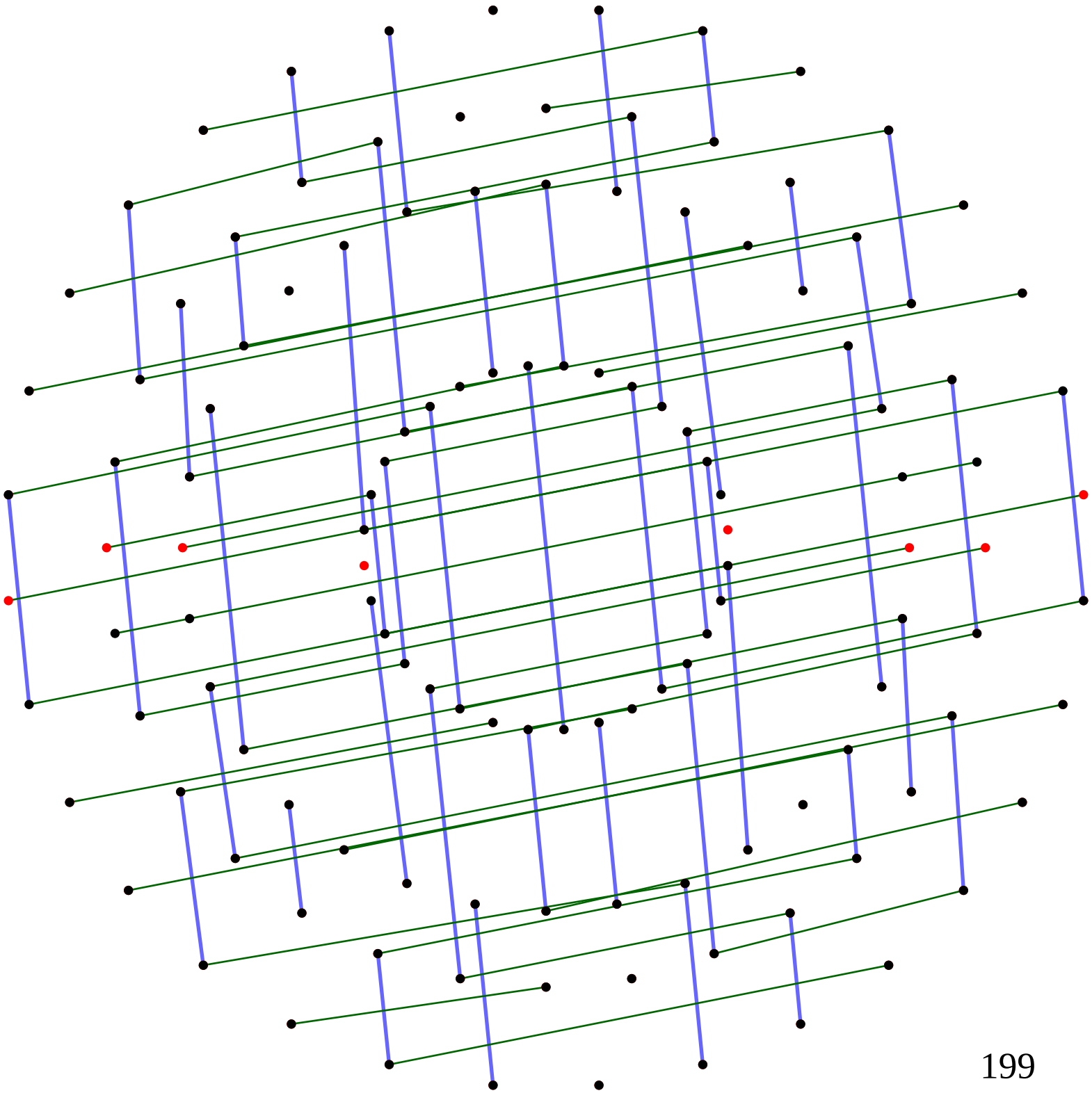
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 12123432121321234321213212343212 1

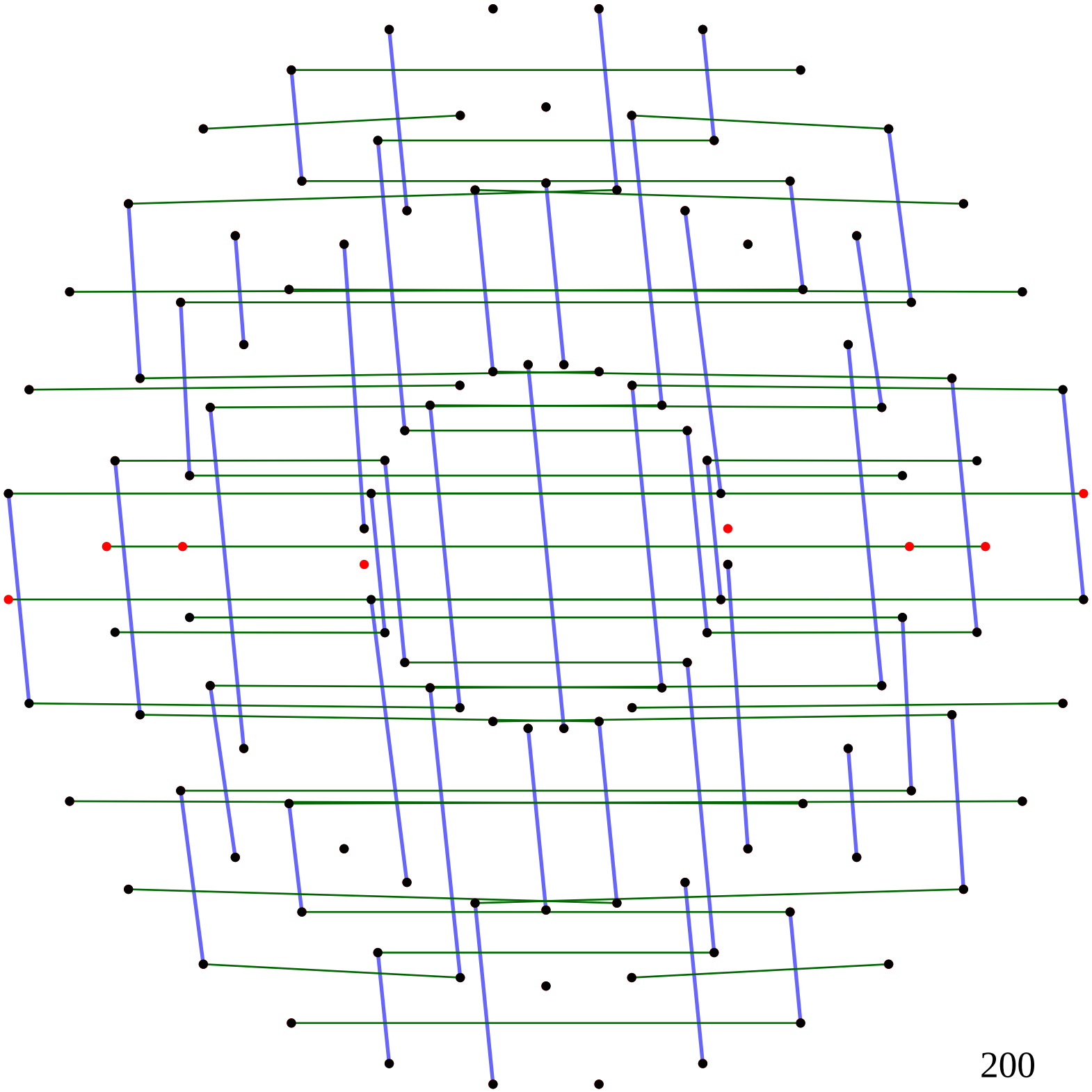
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 3212343212132123432121321234321 23

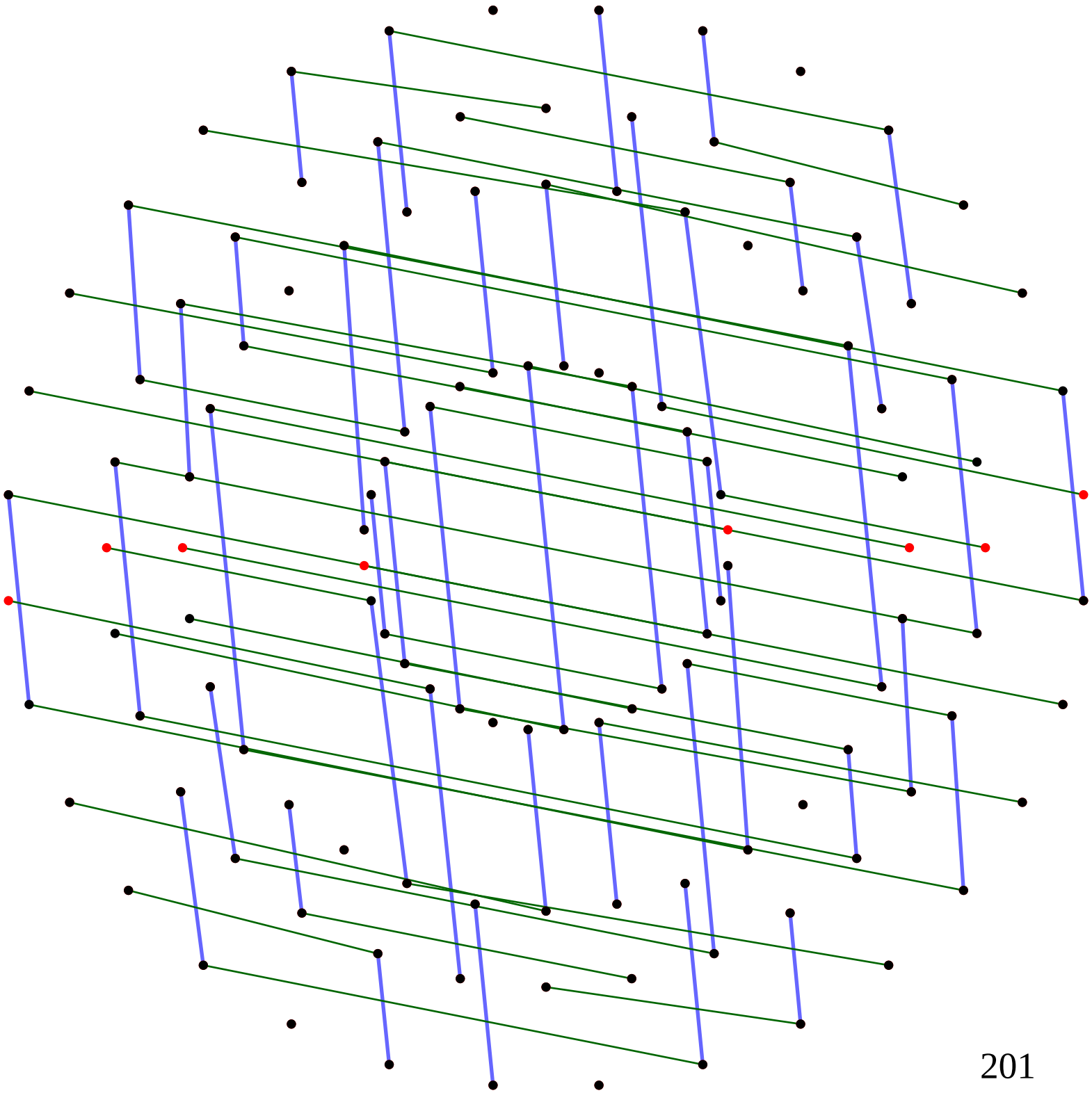
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 12123212132143212132124321213 21

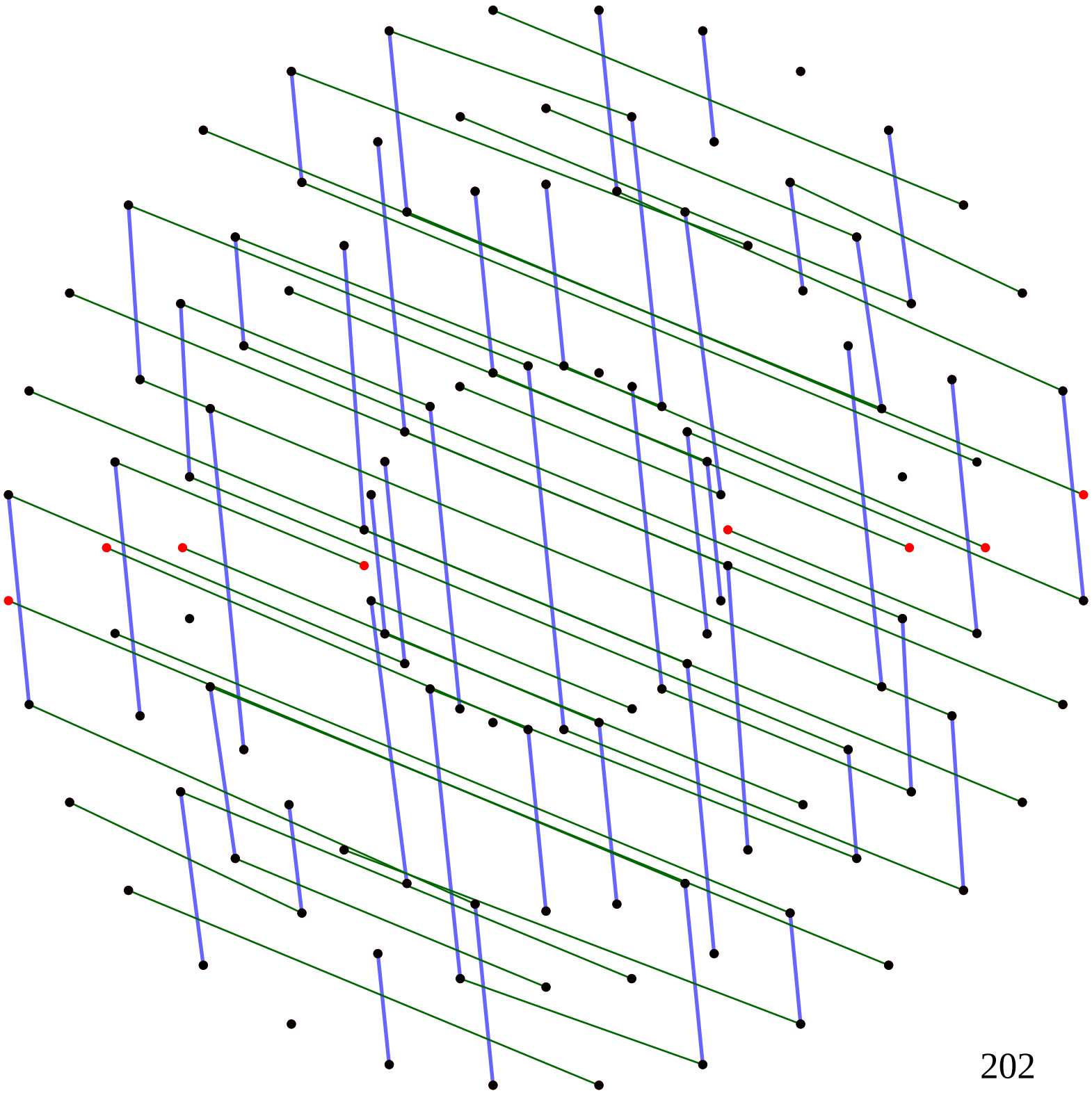
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 123432121321234321321234321

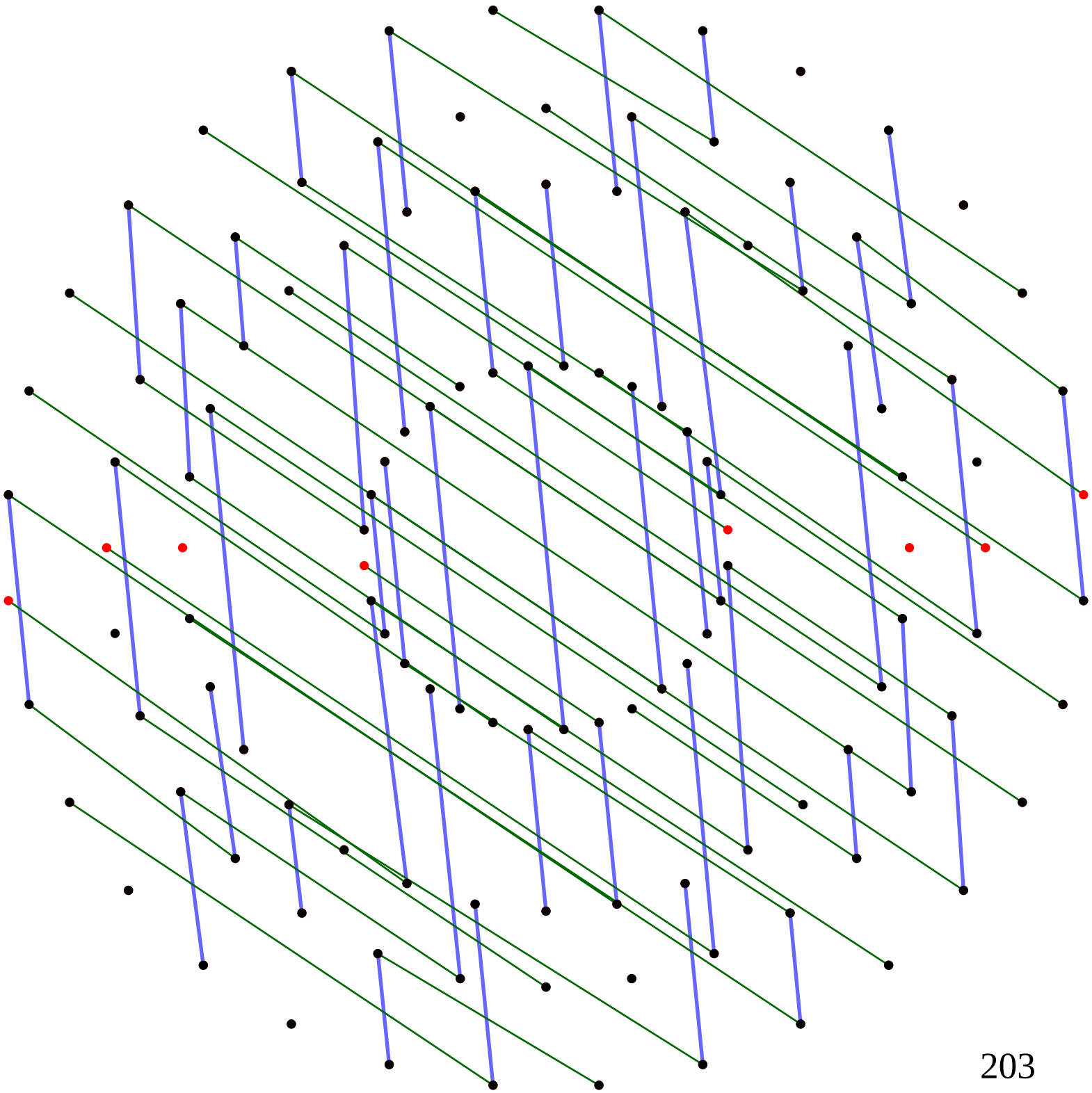
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 3212132143212132143212 3

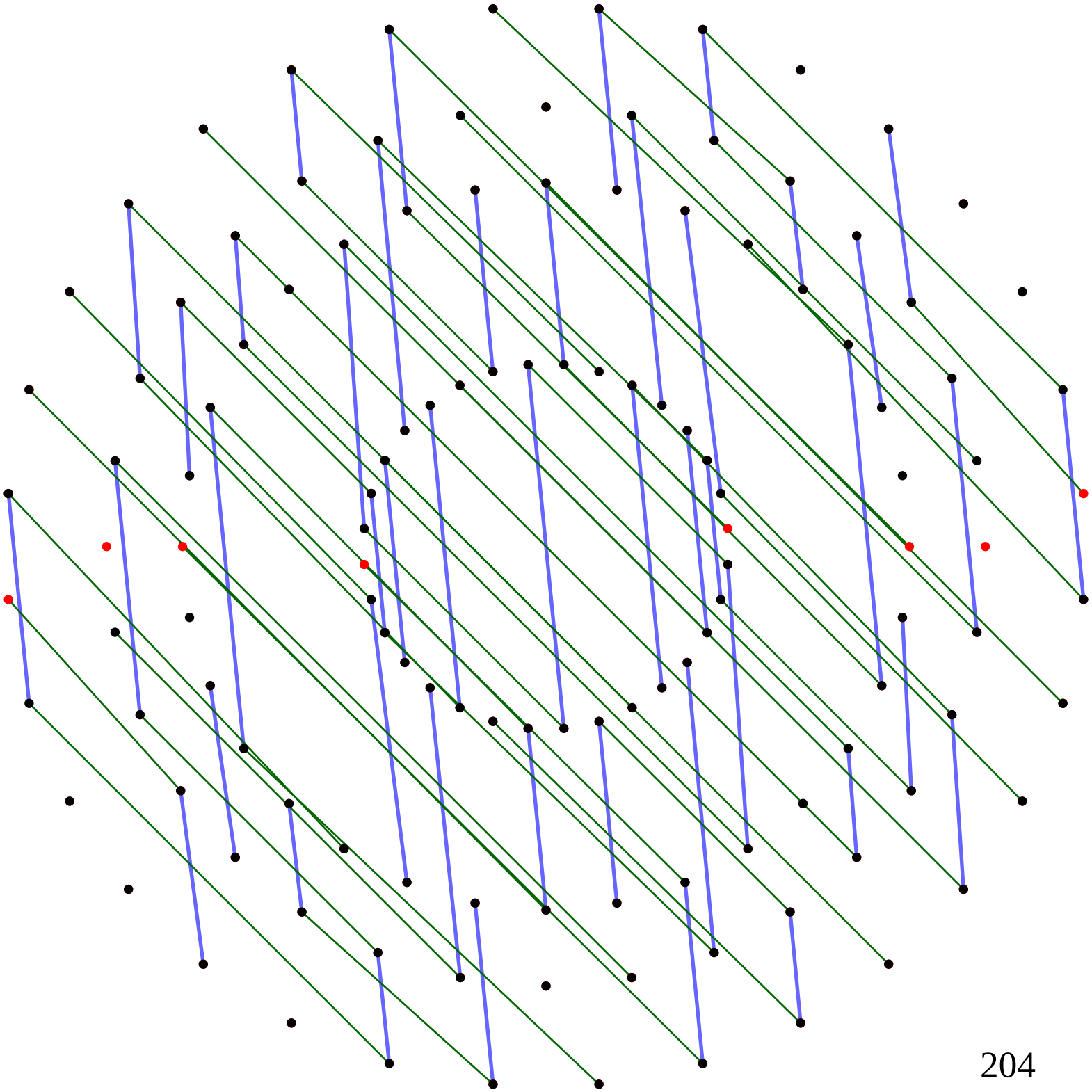
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 12132123432121321

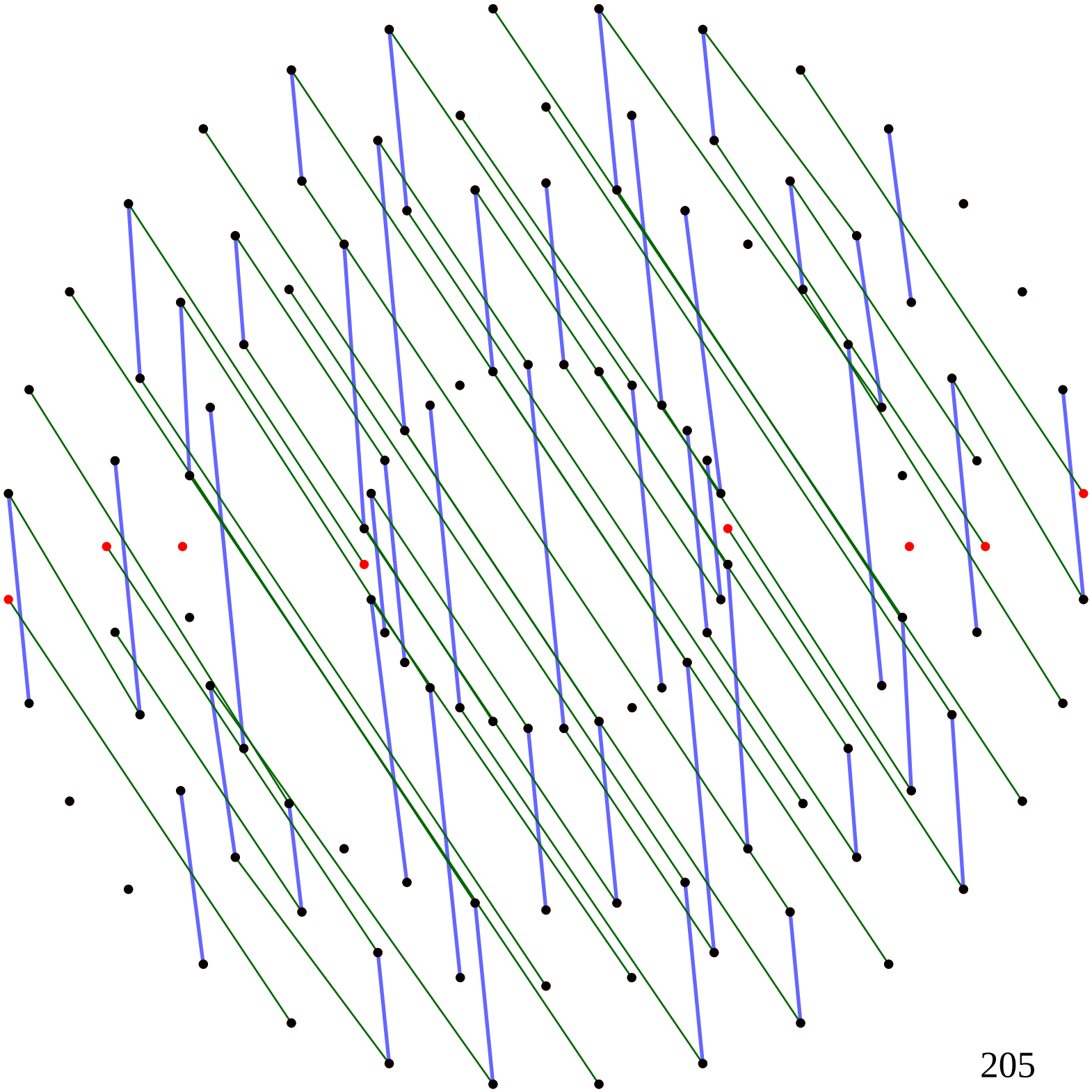
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 132143212132143

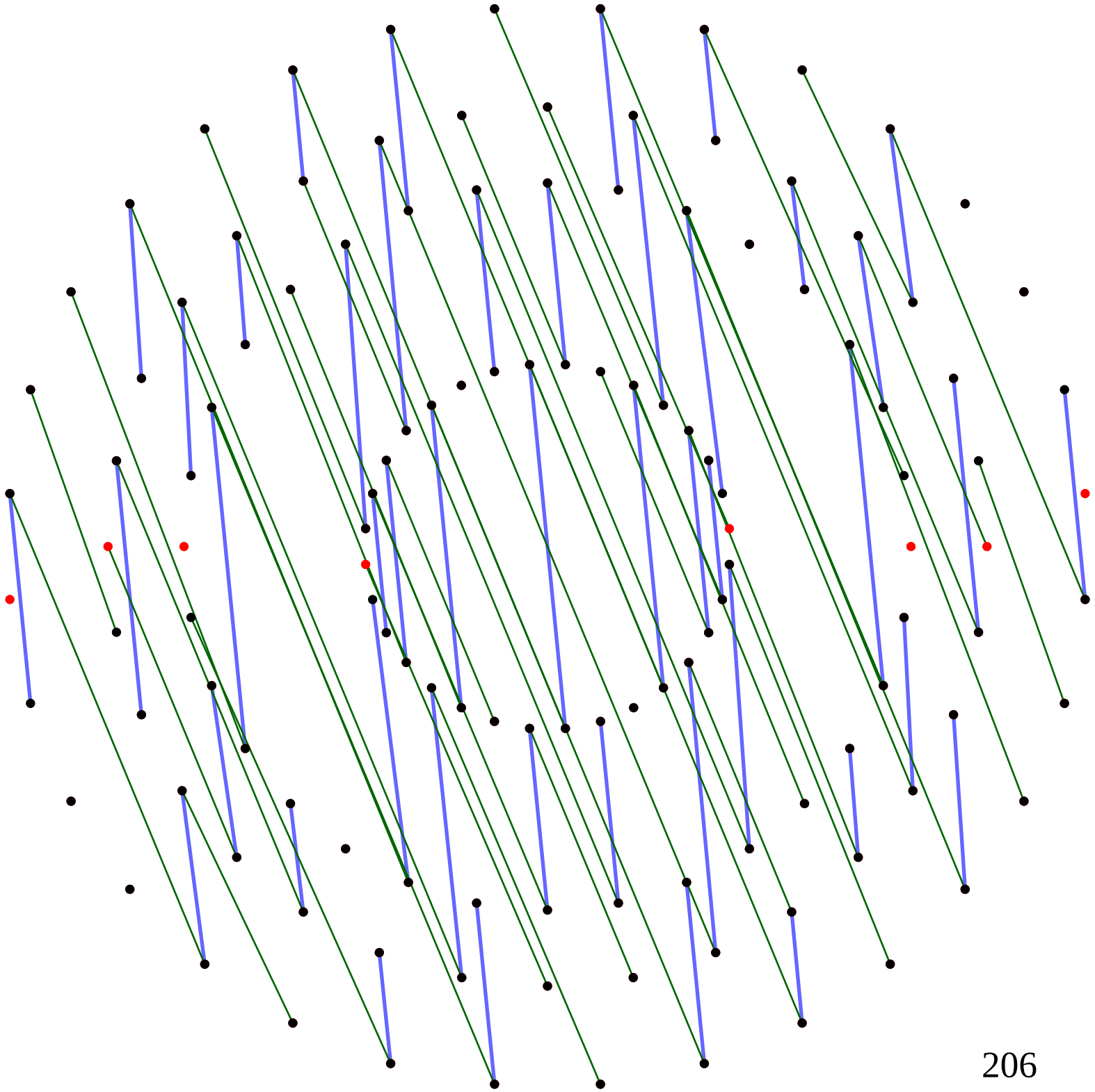
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 1321213

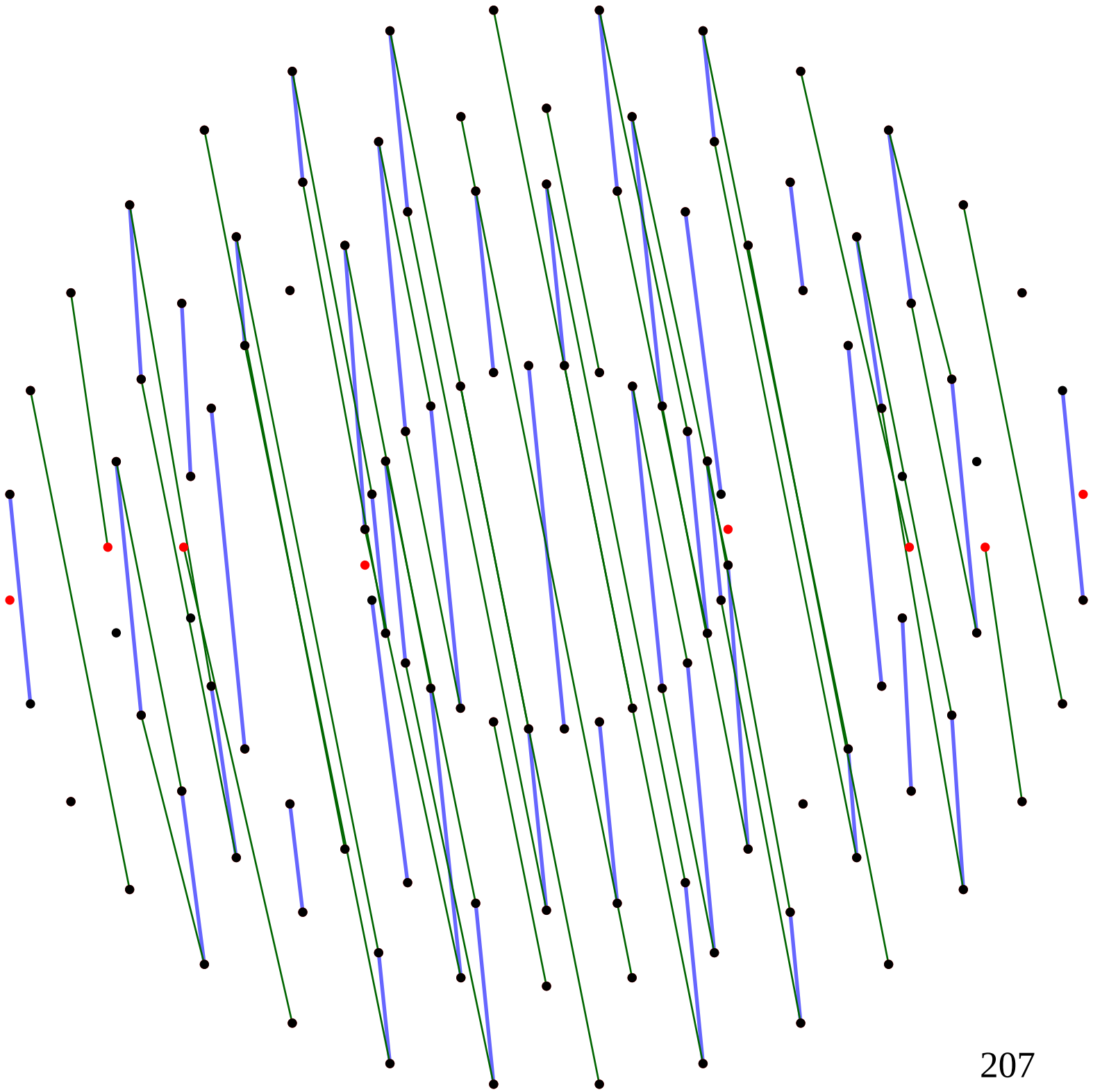
Compatible



Negative root for generator 4.

Positive root for 1

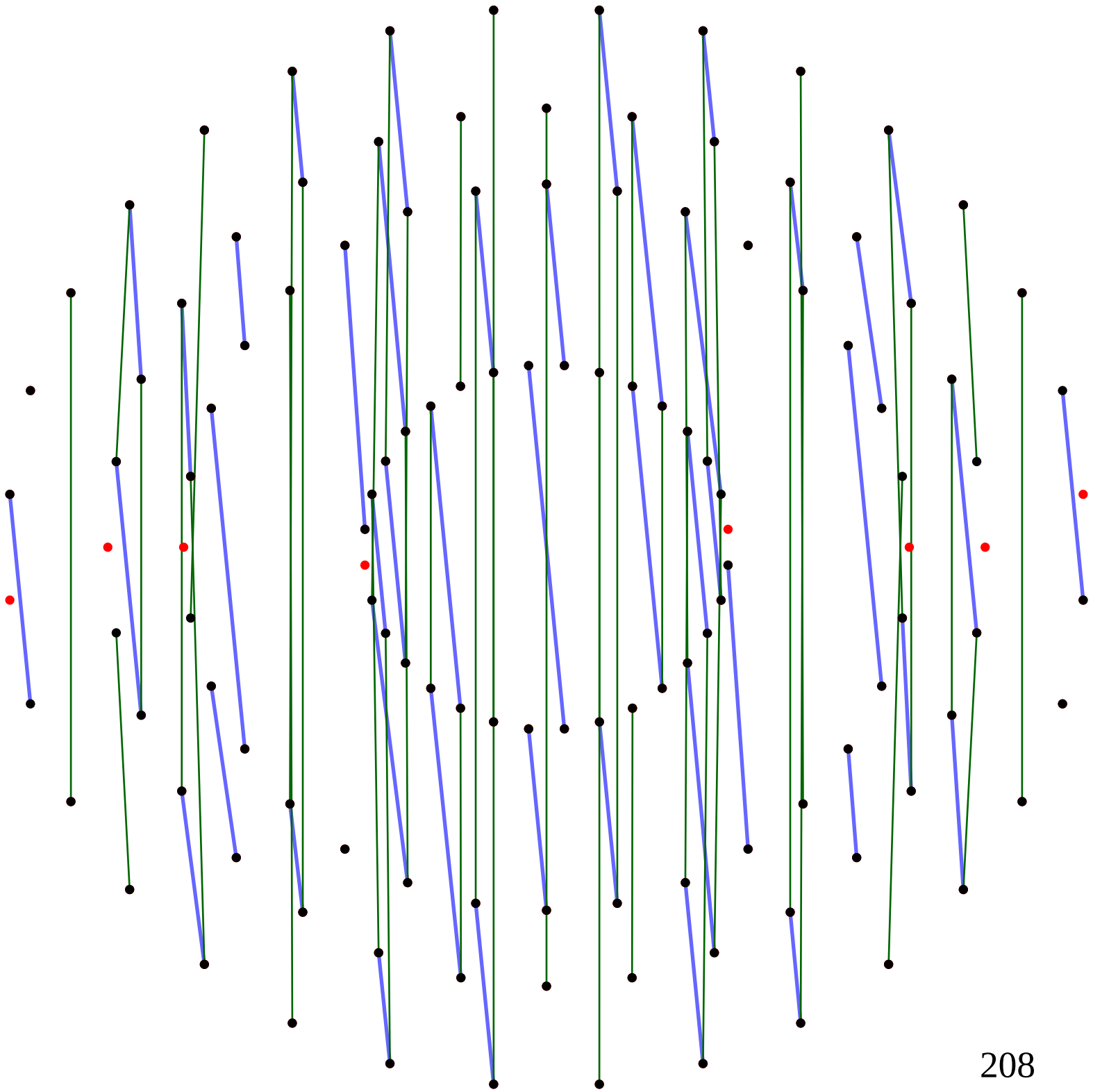
Compatible



Negative root for generator 4.

Negative root for generator 1.

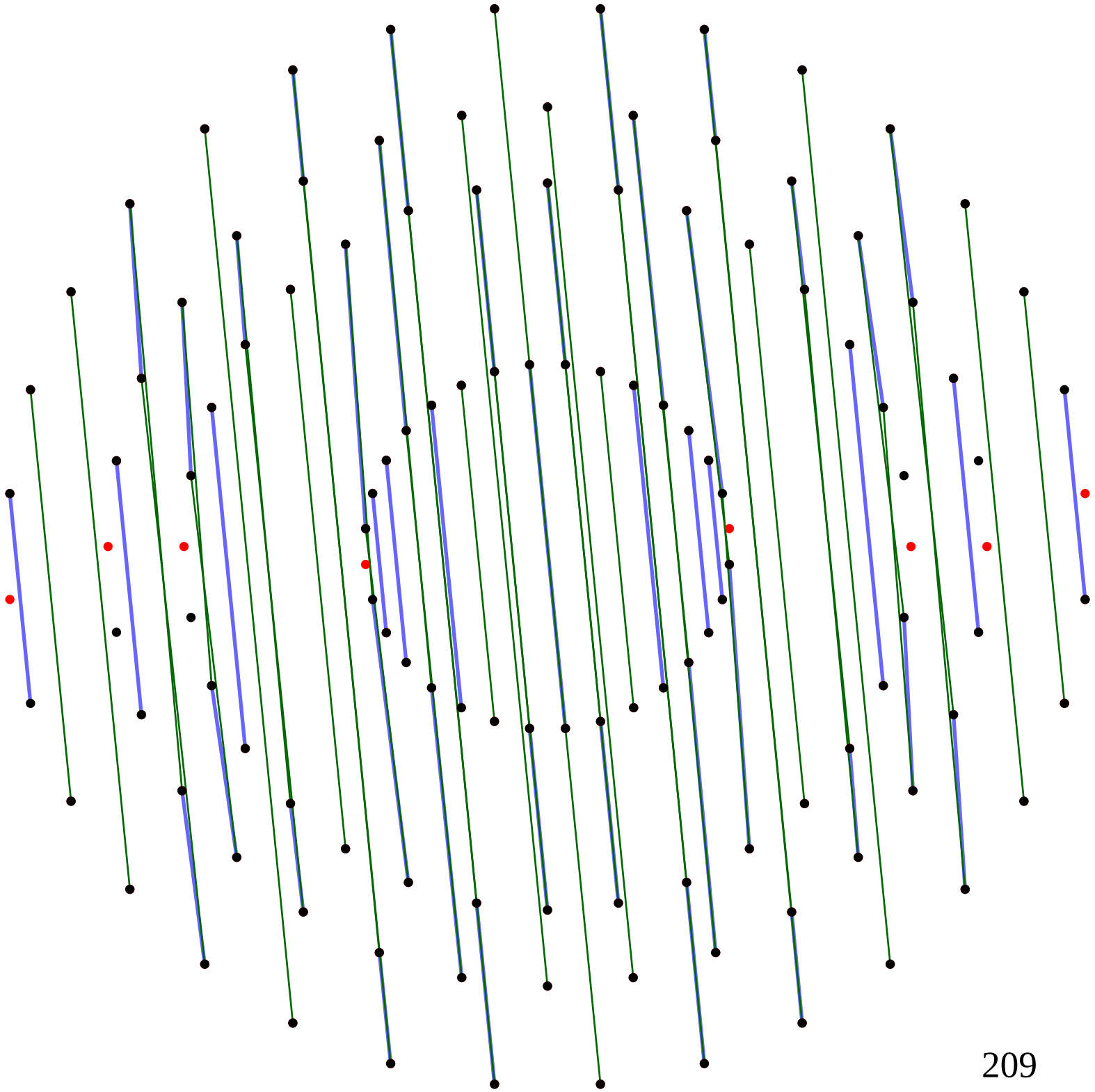
Compatible



Negative root for generator 4.

Negative root for generator 2.

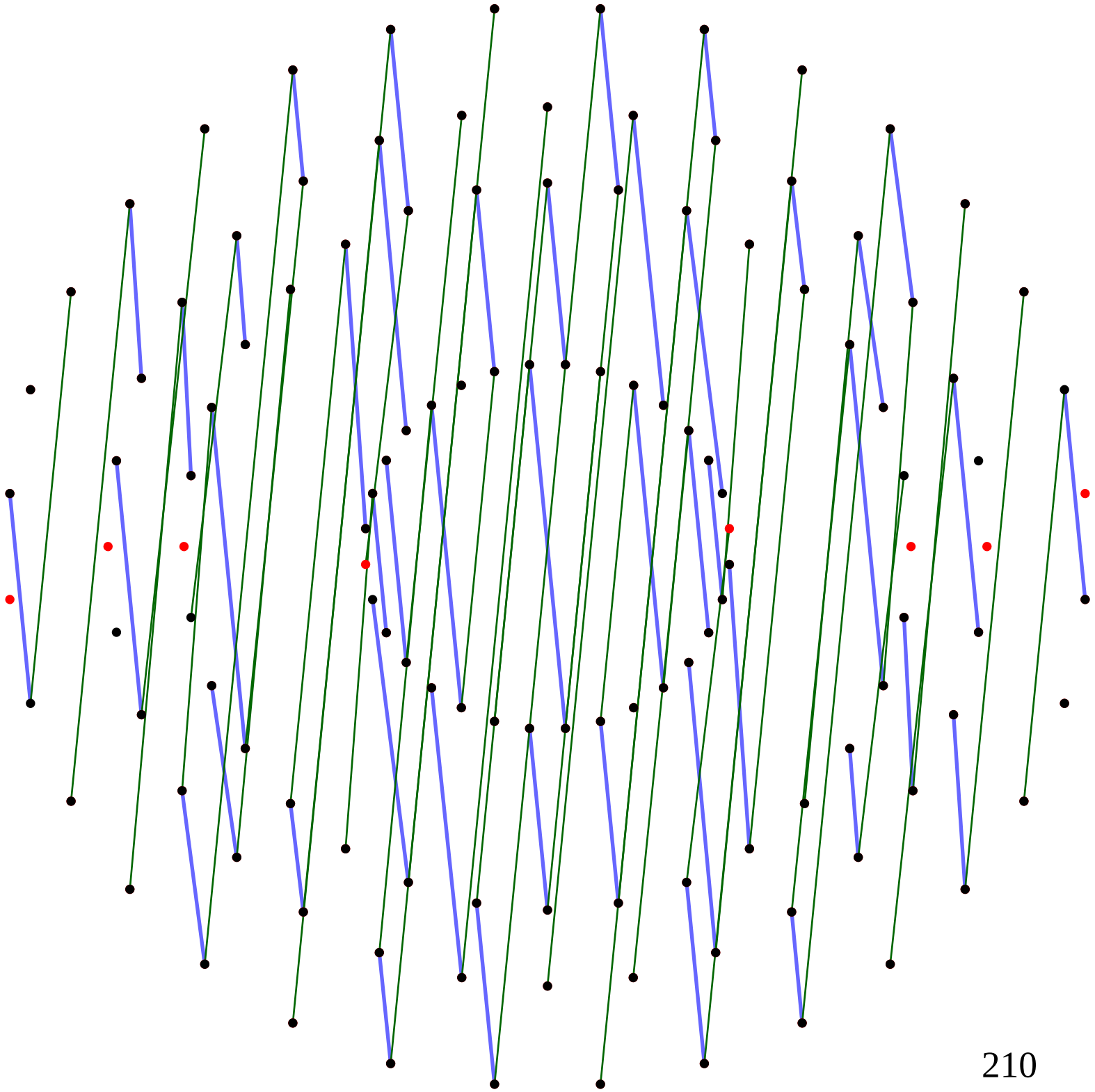
Compatible



Negative root for generator 4.

Positive root for 2

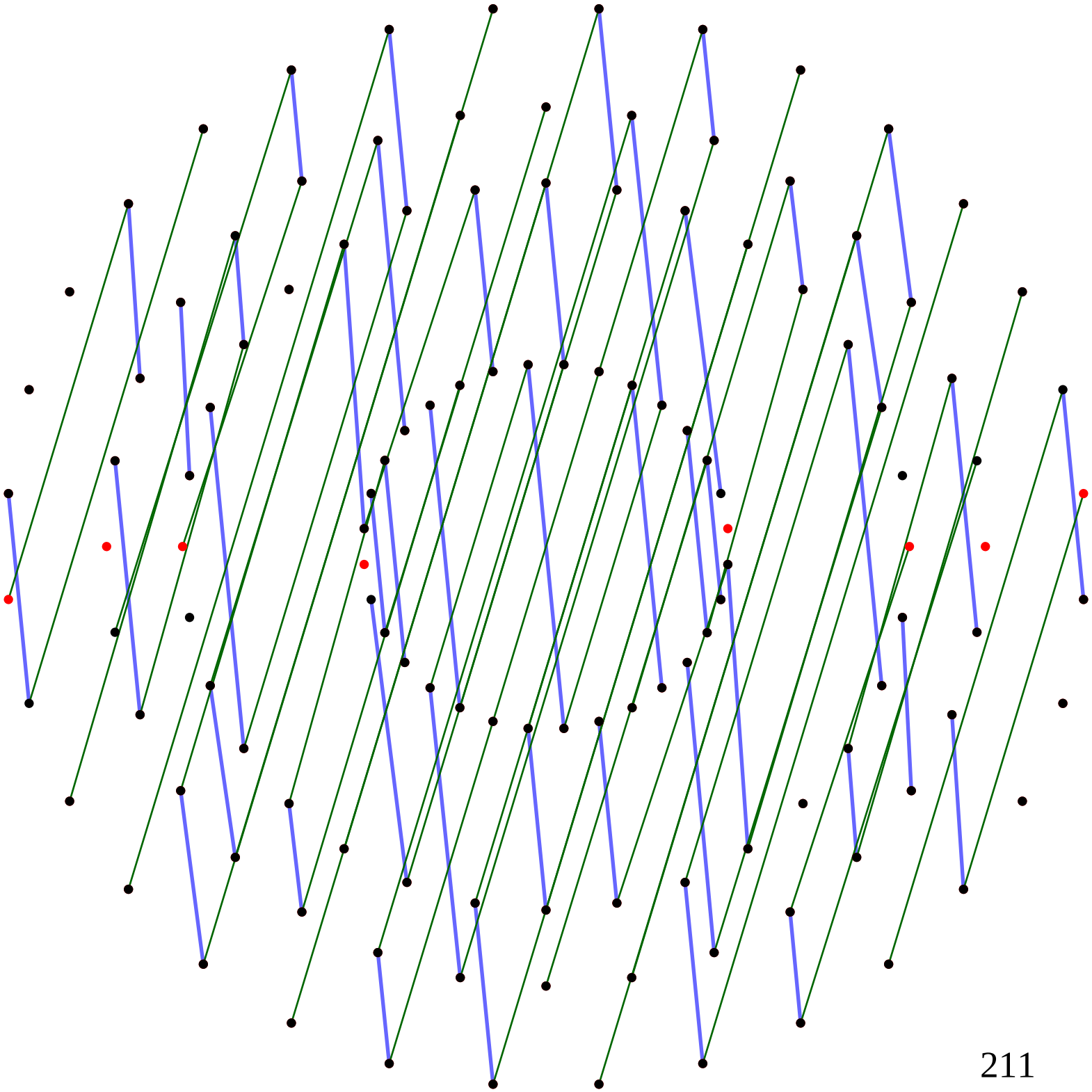
Compatible



Negative root for generator 4.

Positive root for 212343212

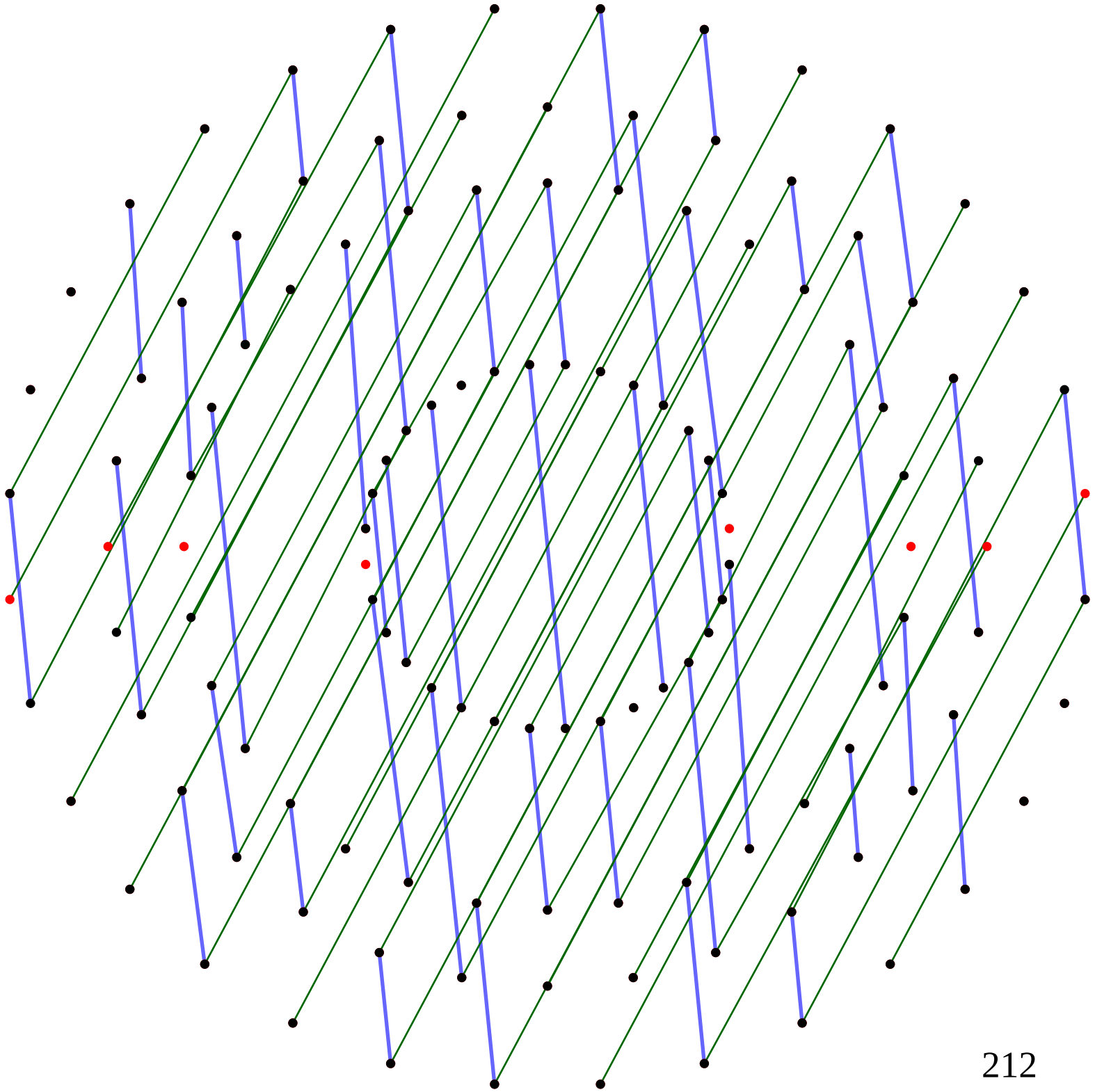
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 2132143212132143 2

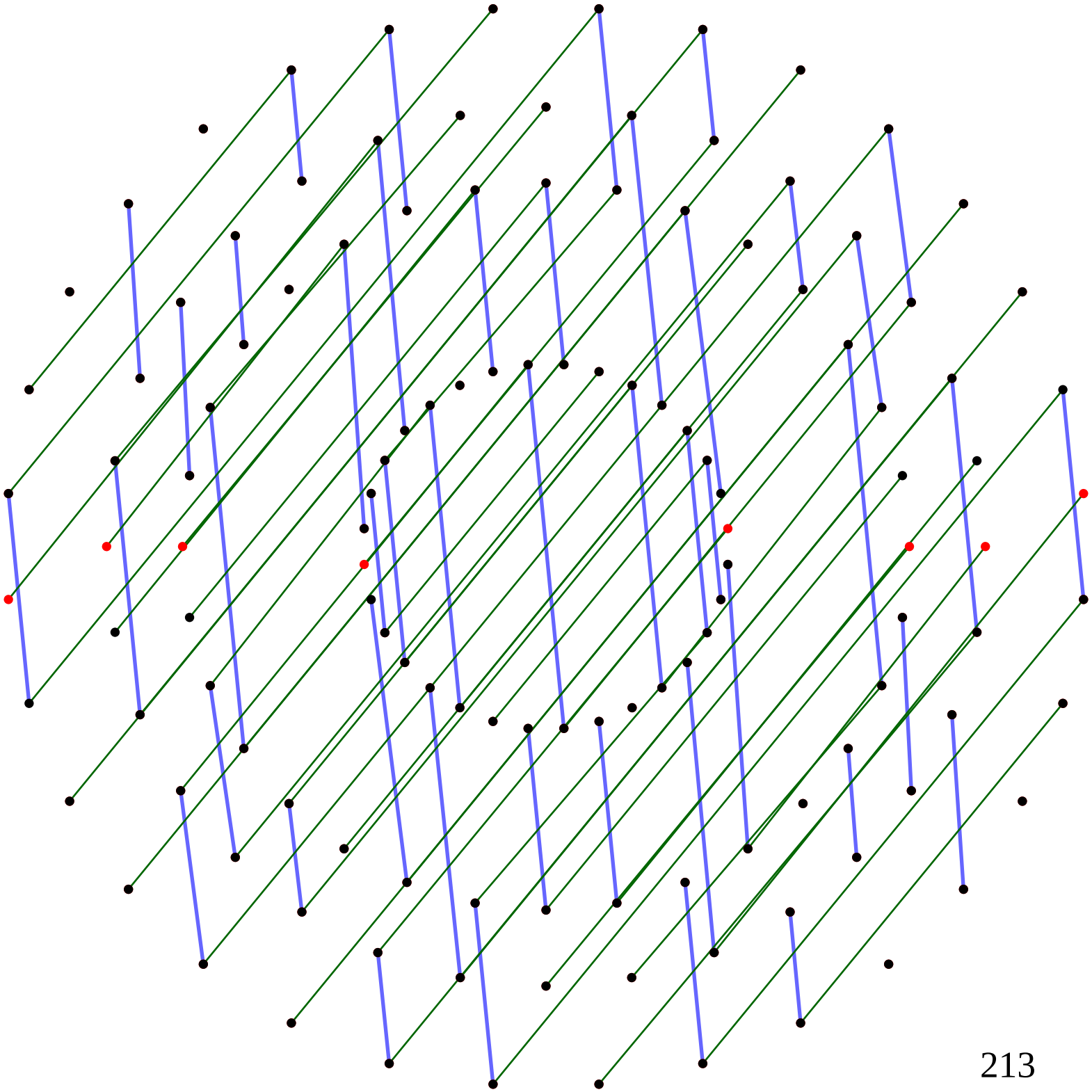
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 212321214321213212432l2

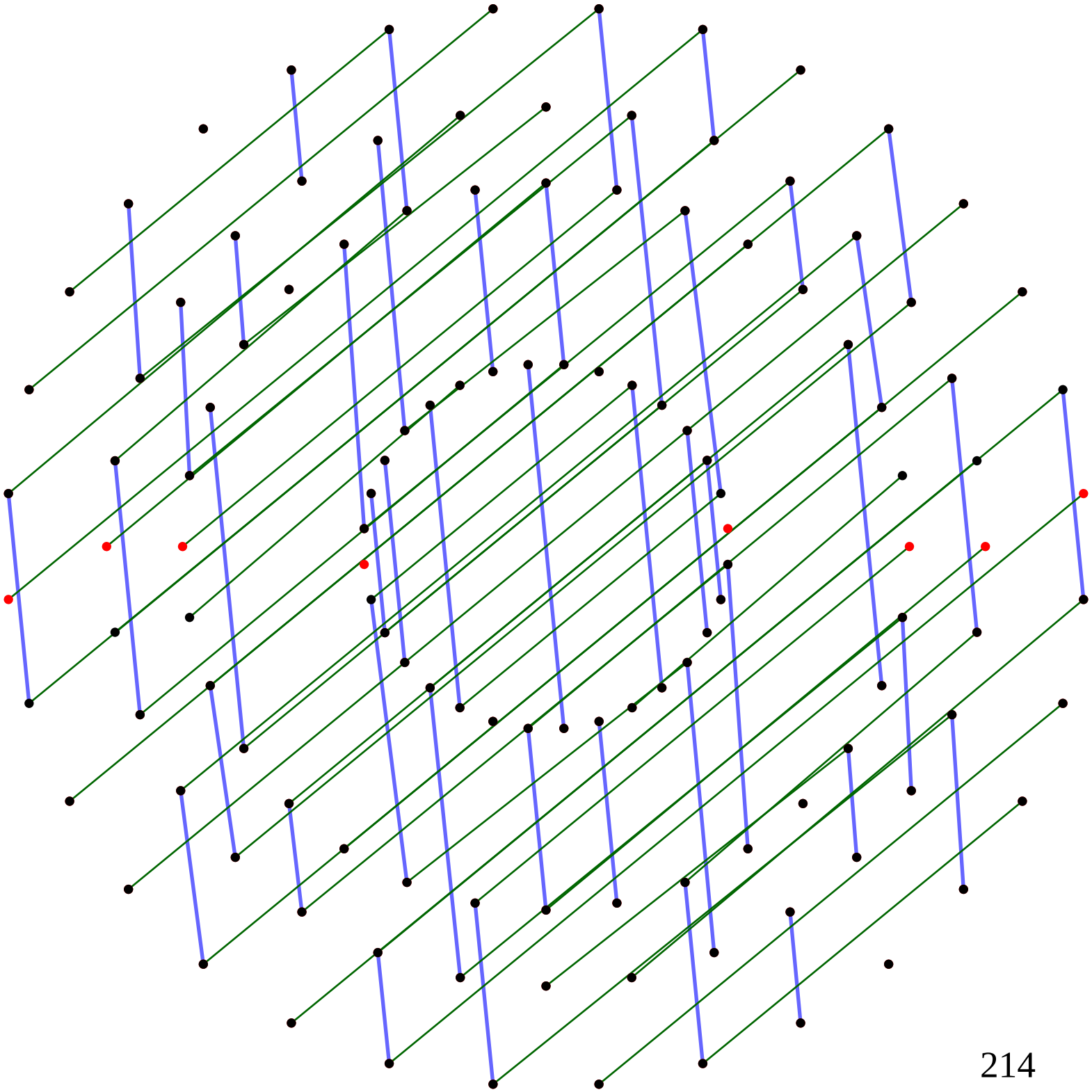
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 21234321213212343212132123432 12

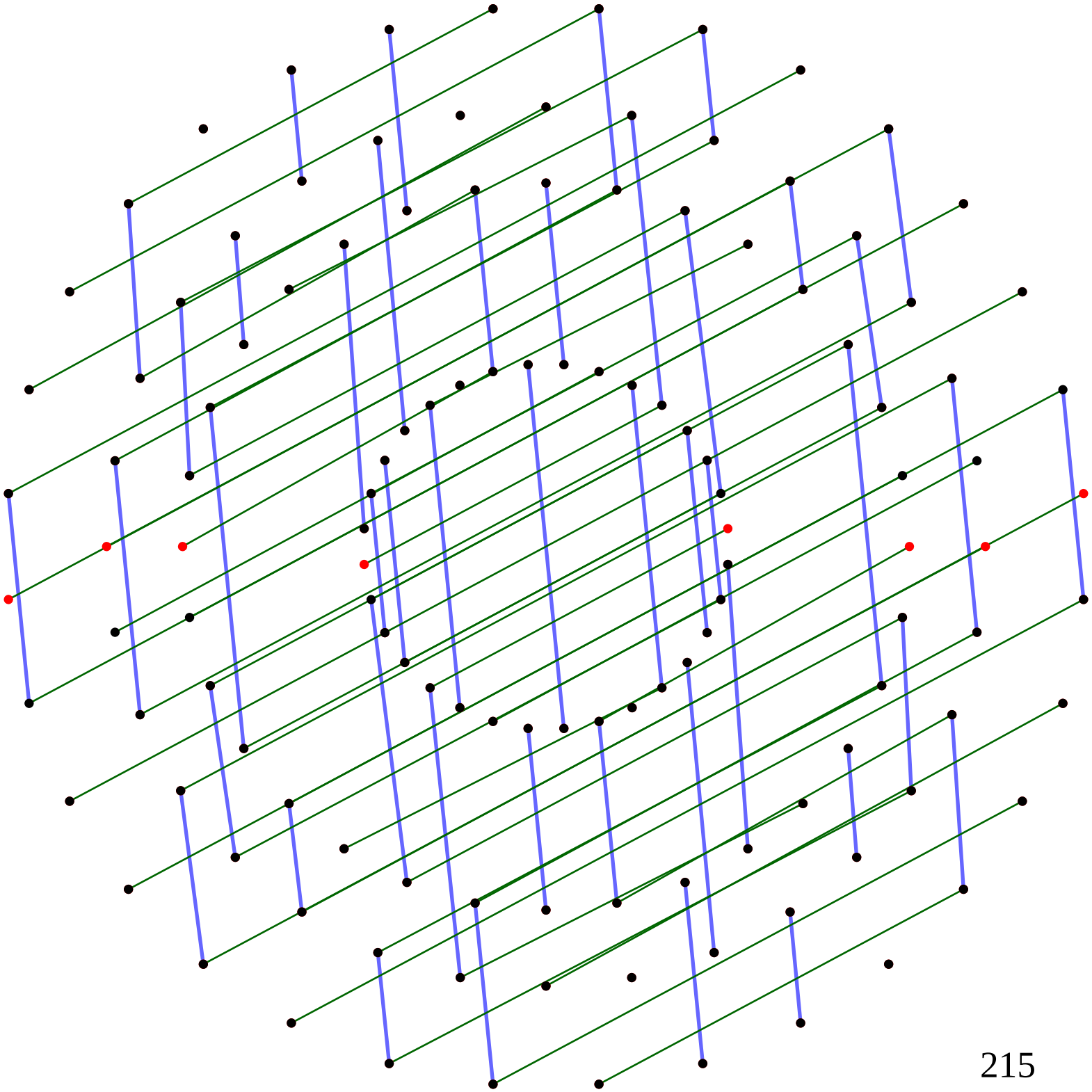
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 213212343212132123432121321234321213 2

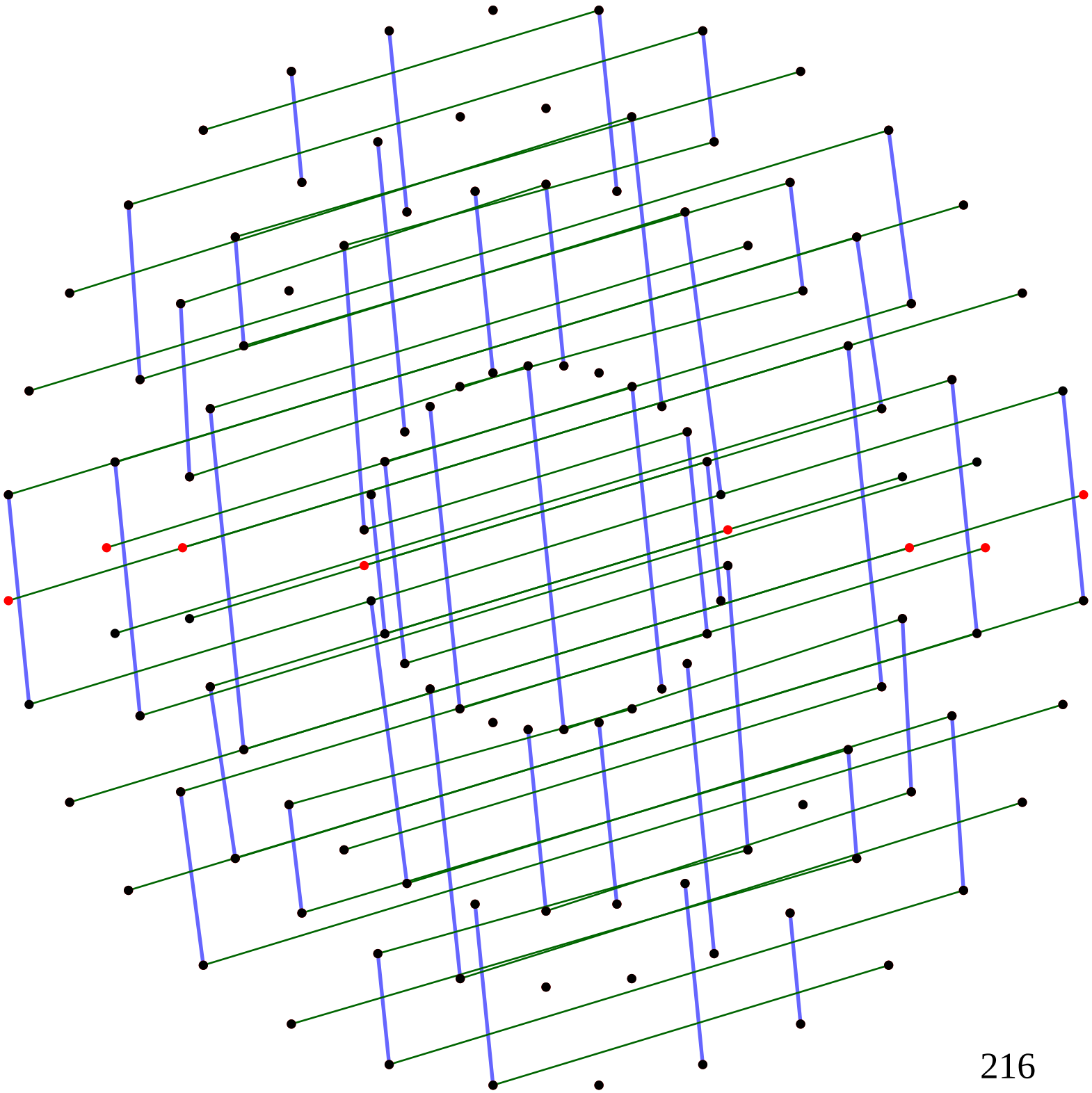
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 2121321234321213212343212132123432121321 3212

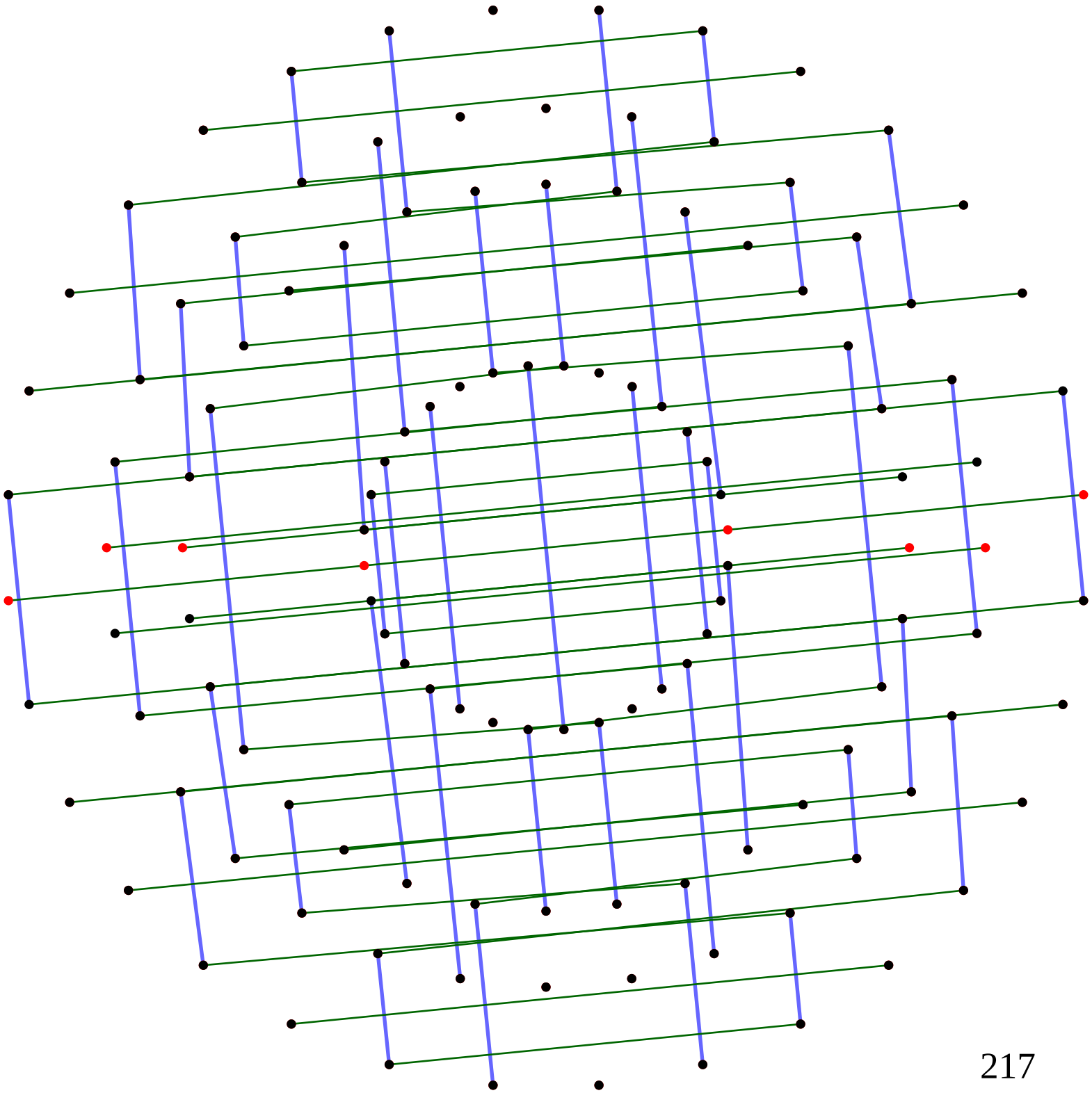
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 432121321234321213212343212132123432121321234

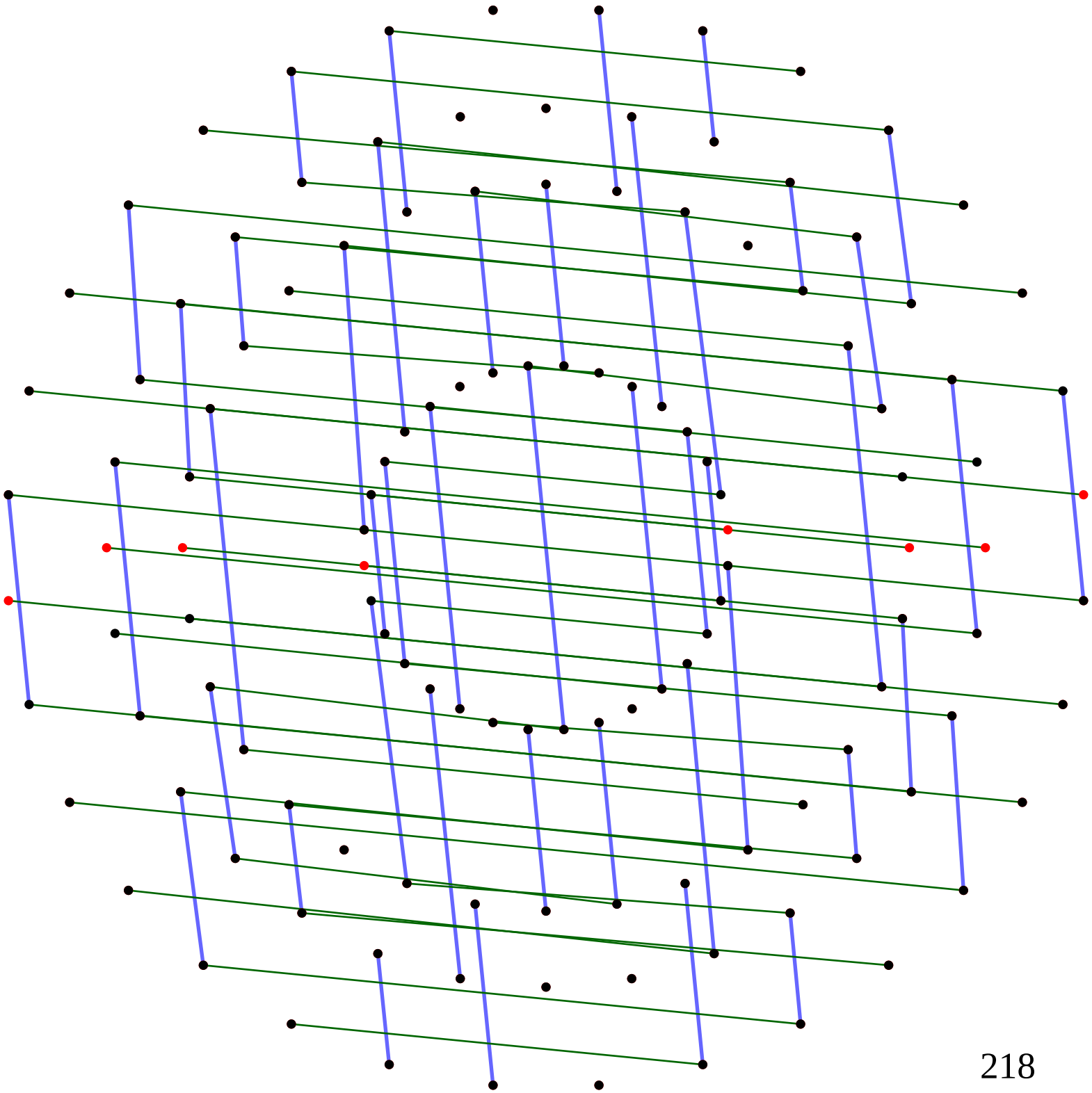
Incompatible [Degree 3.236068]



Negative root for generator 4.

Positive root for 3212132123432121321234321213212343212132123

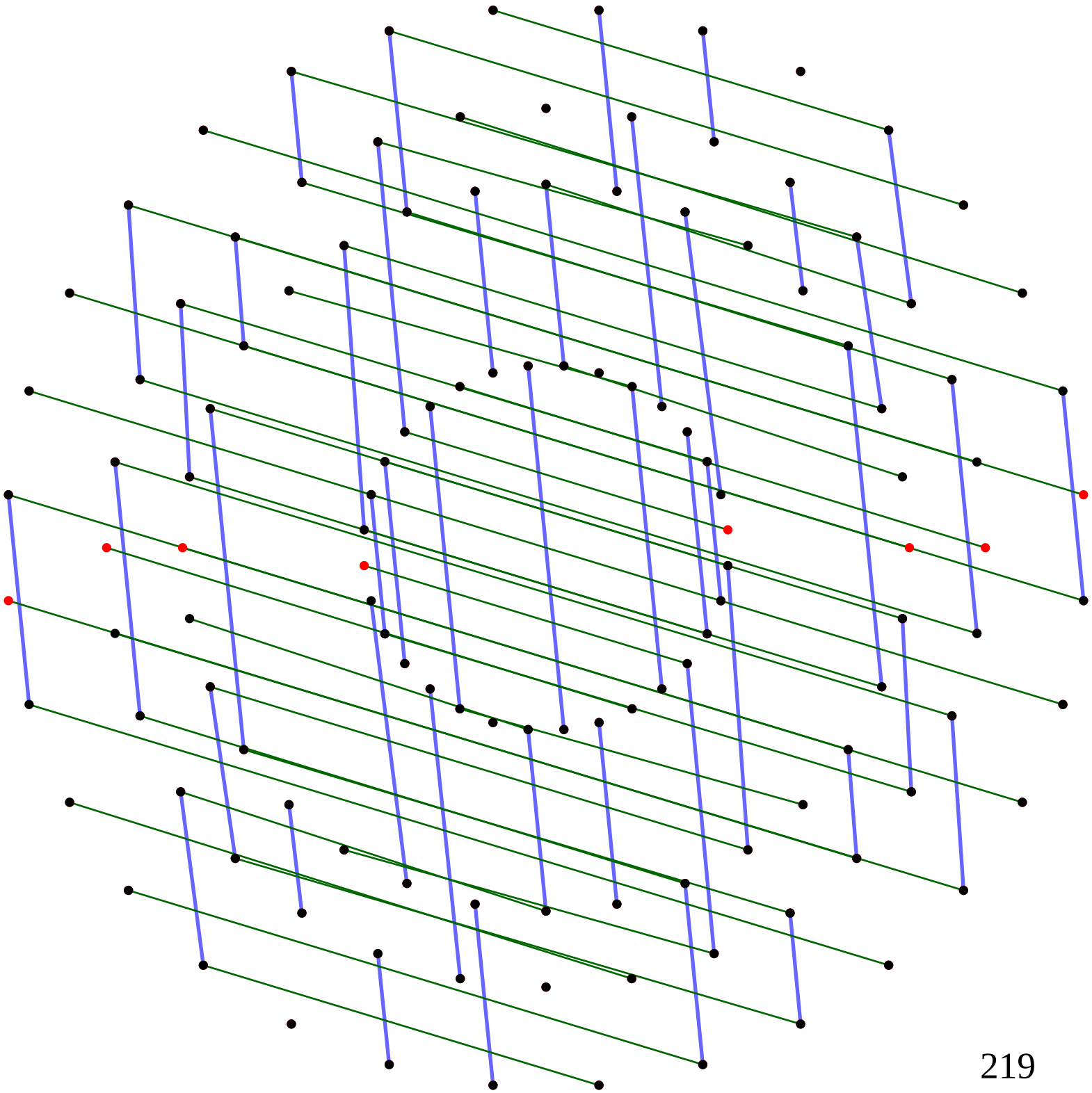
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 12132123432121321234321213212343212132 1

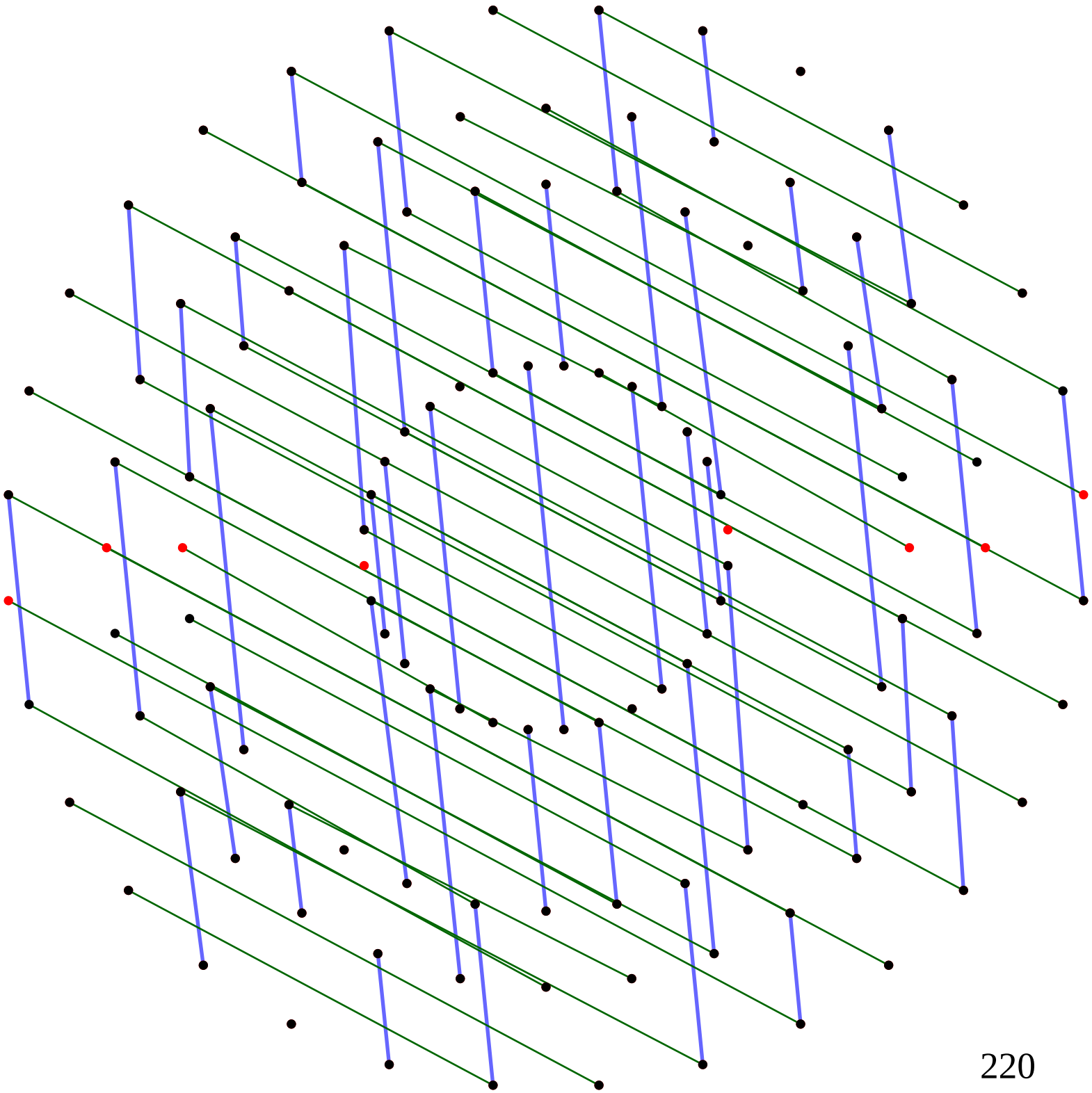
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 13212343212132123432121321234321213

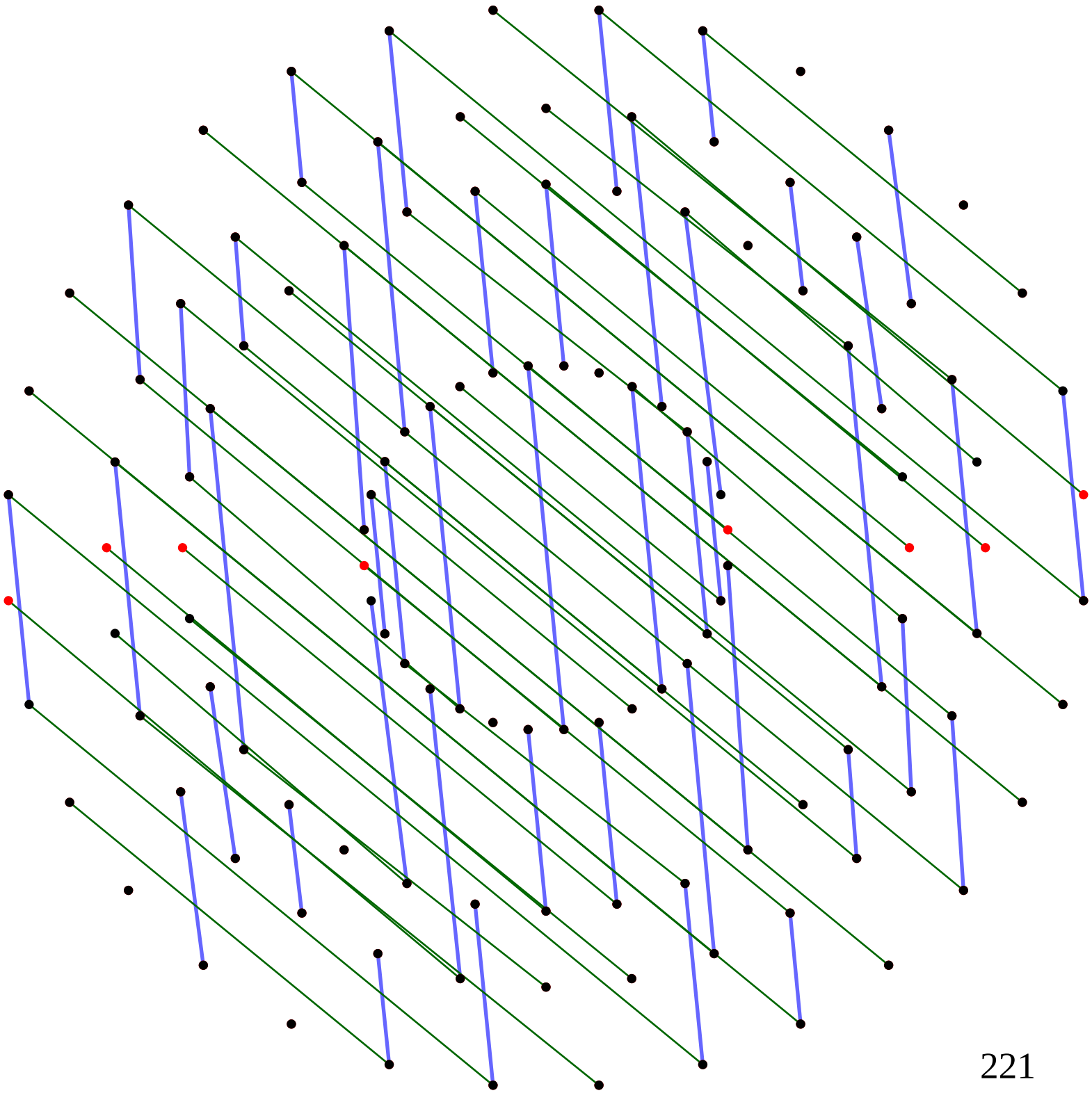
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 12321213214321213212432121 3

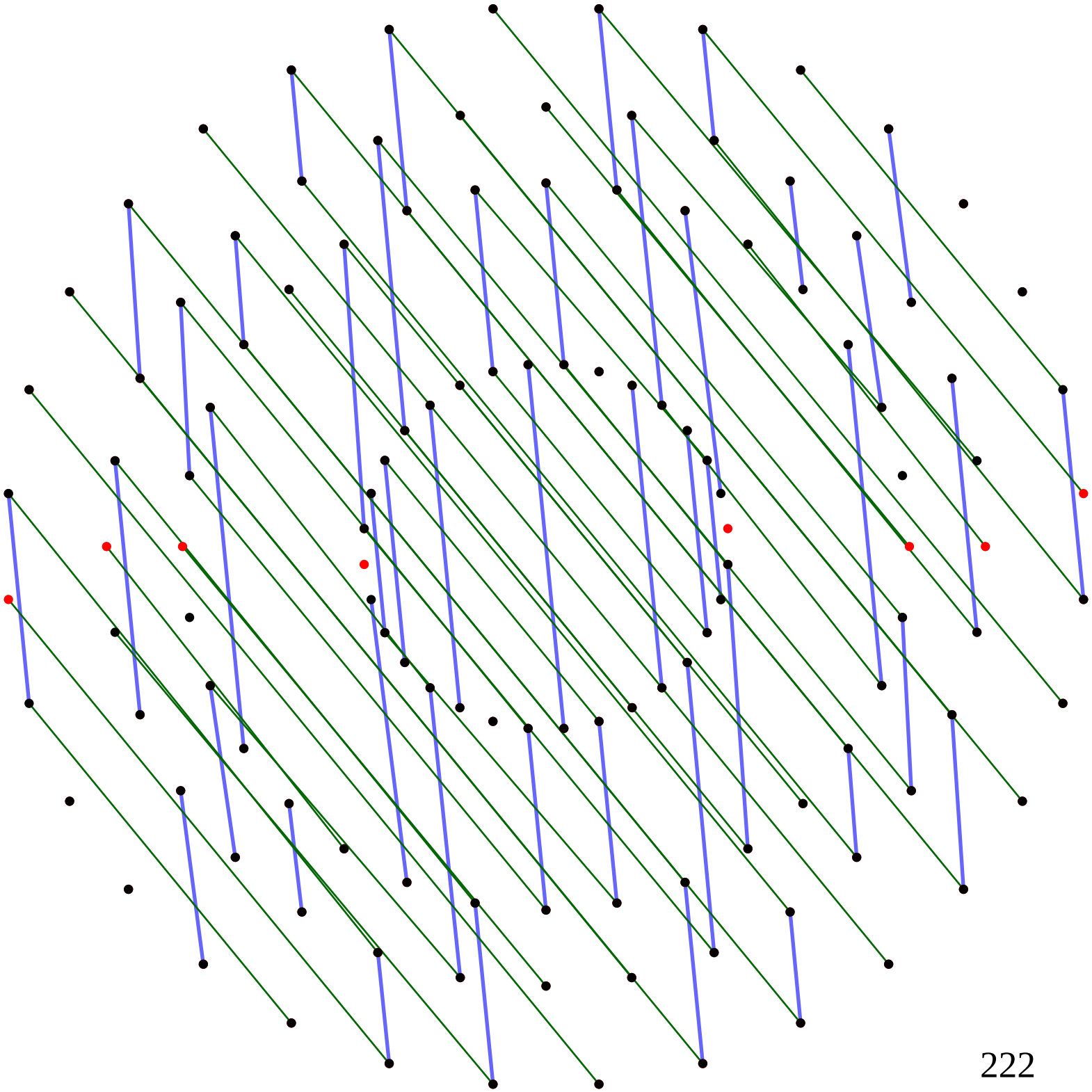
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 123212143212132124321

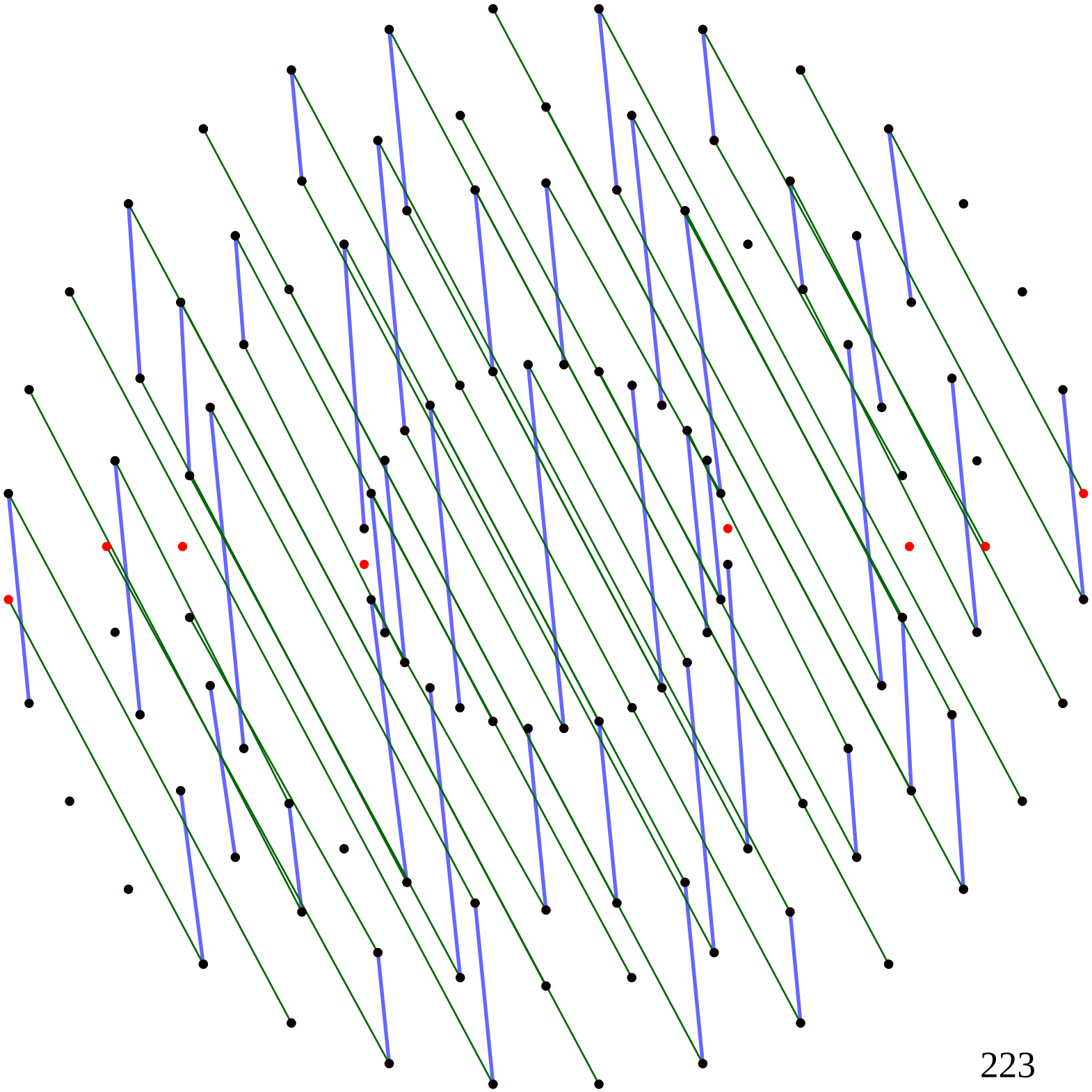
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 1321234321213

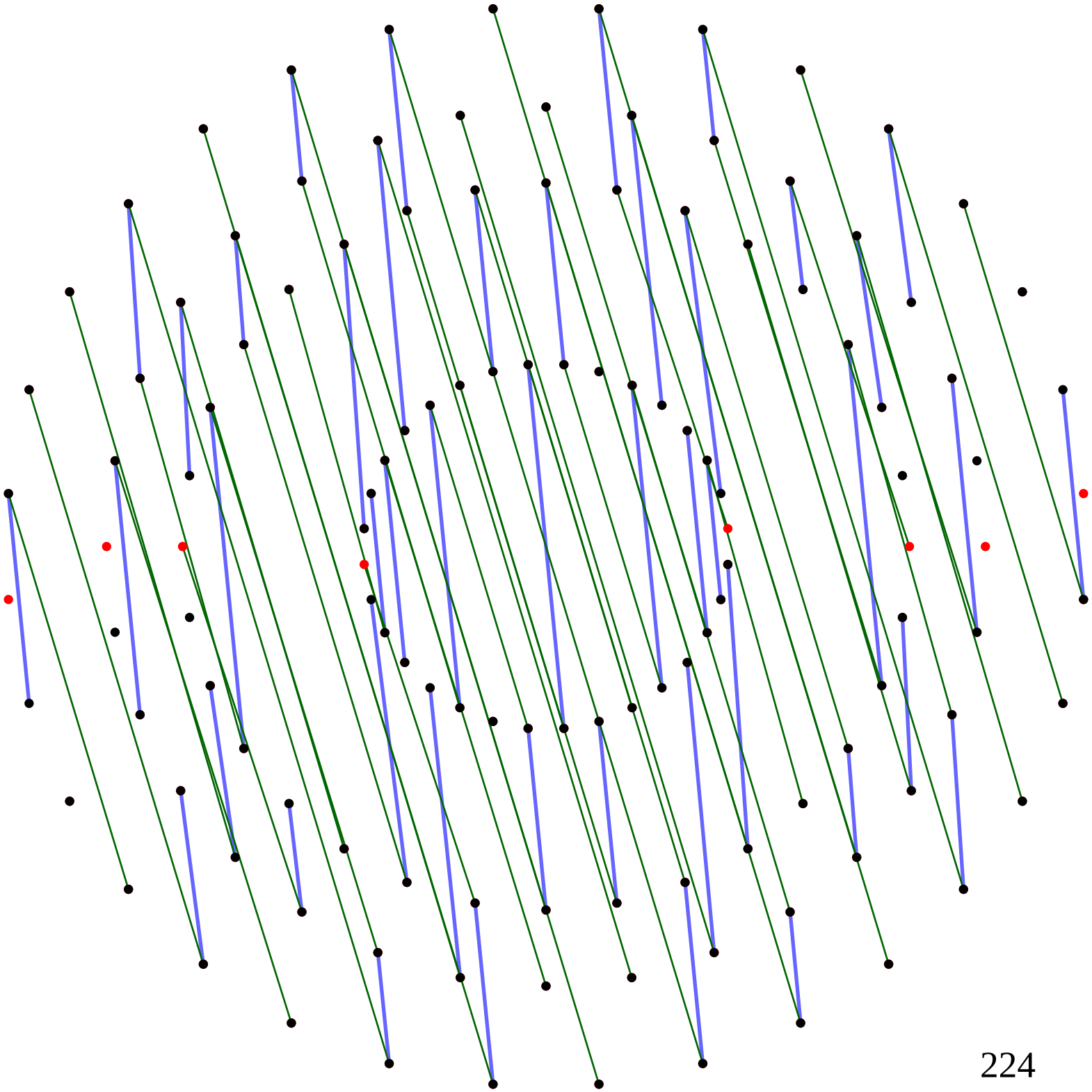
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 12321

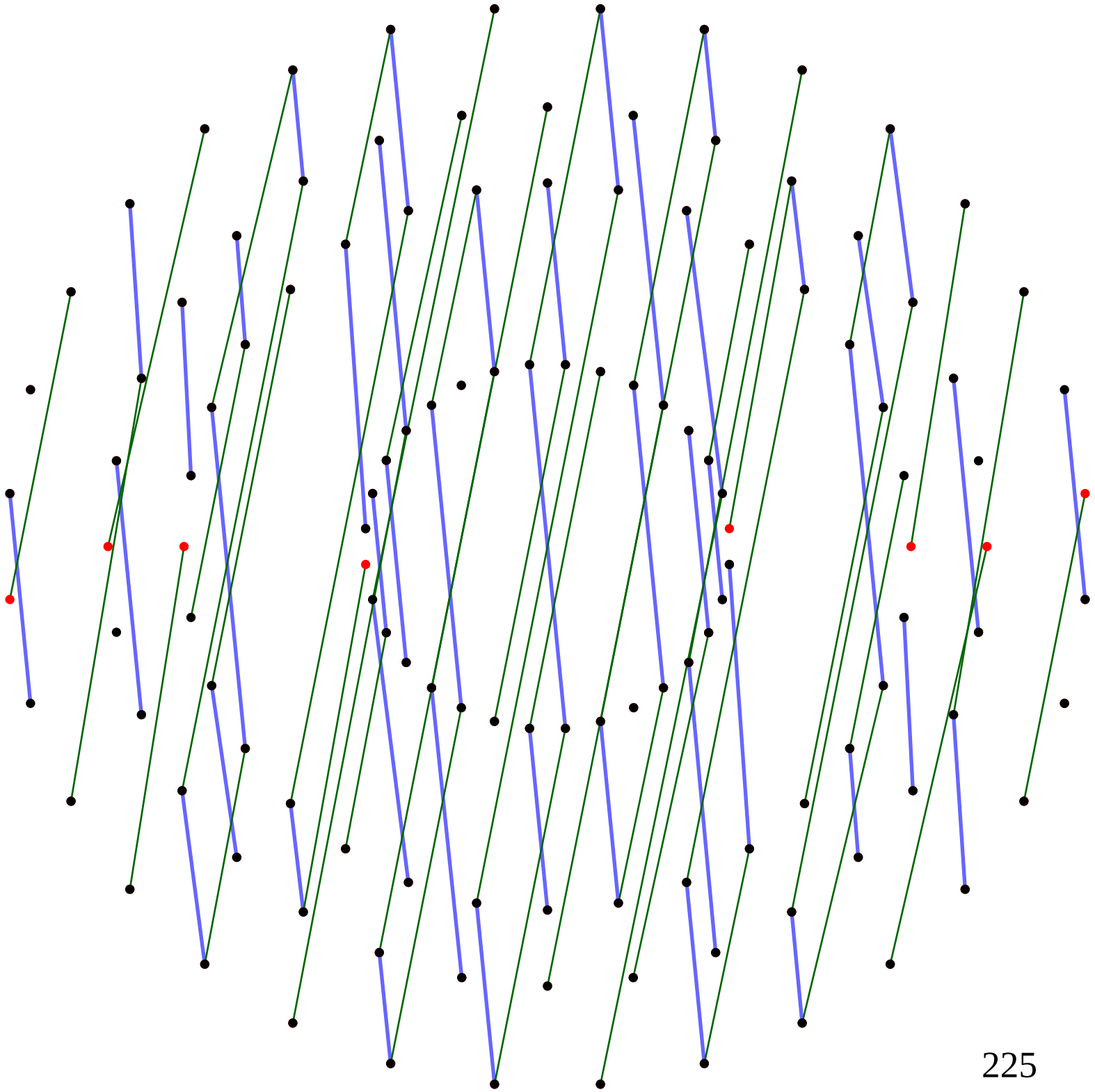
Compatible



Negative root for generator 4.

Positive root for 23432

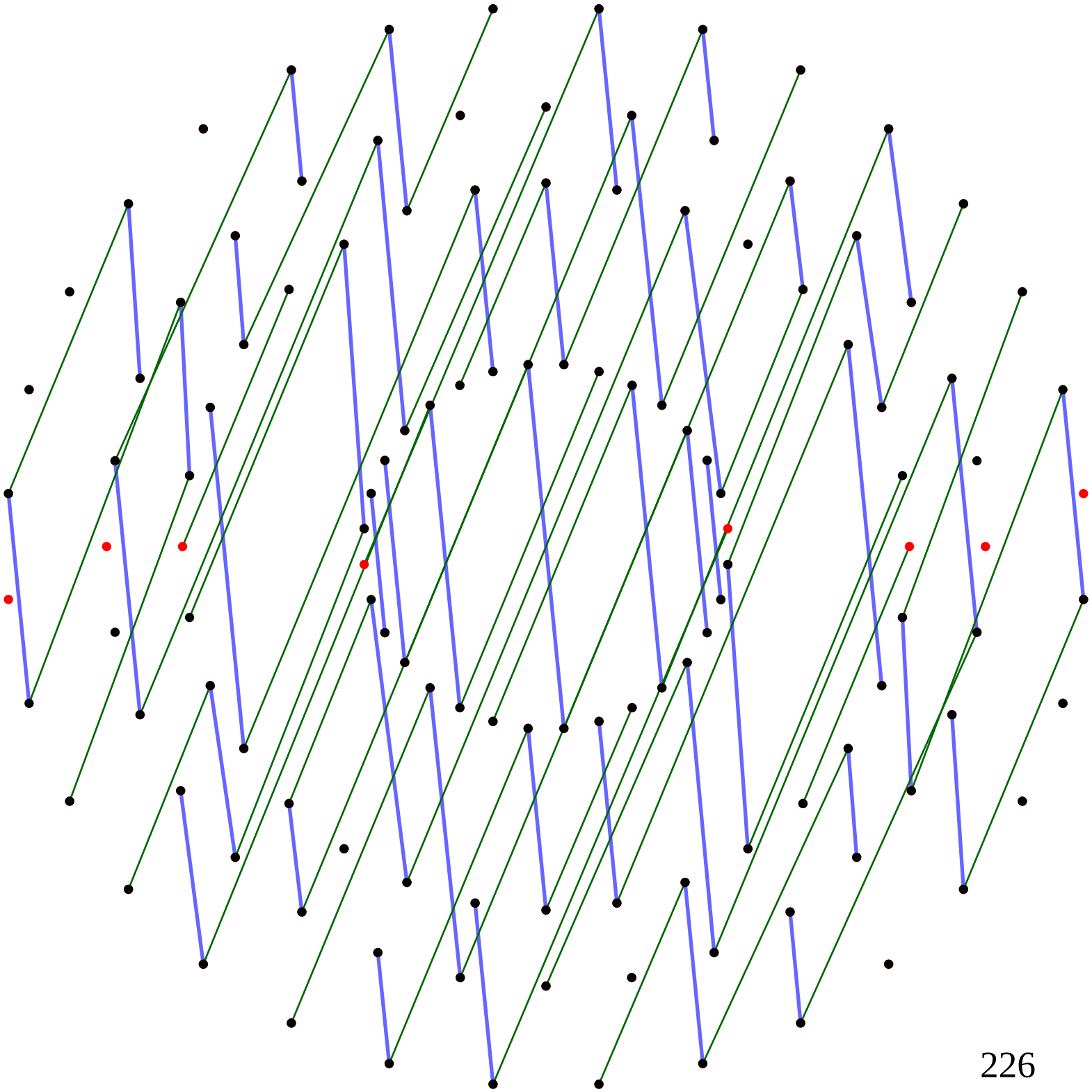
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 2123212

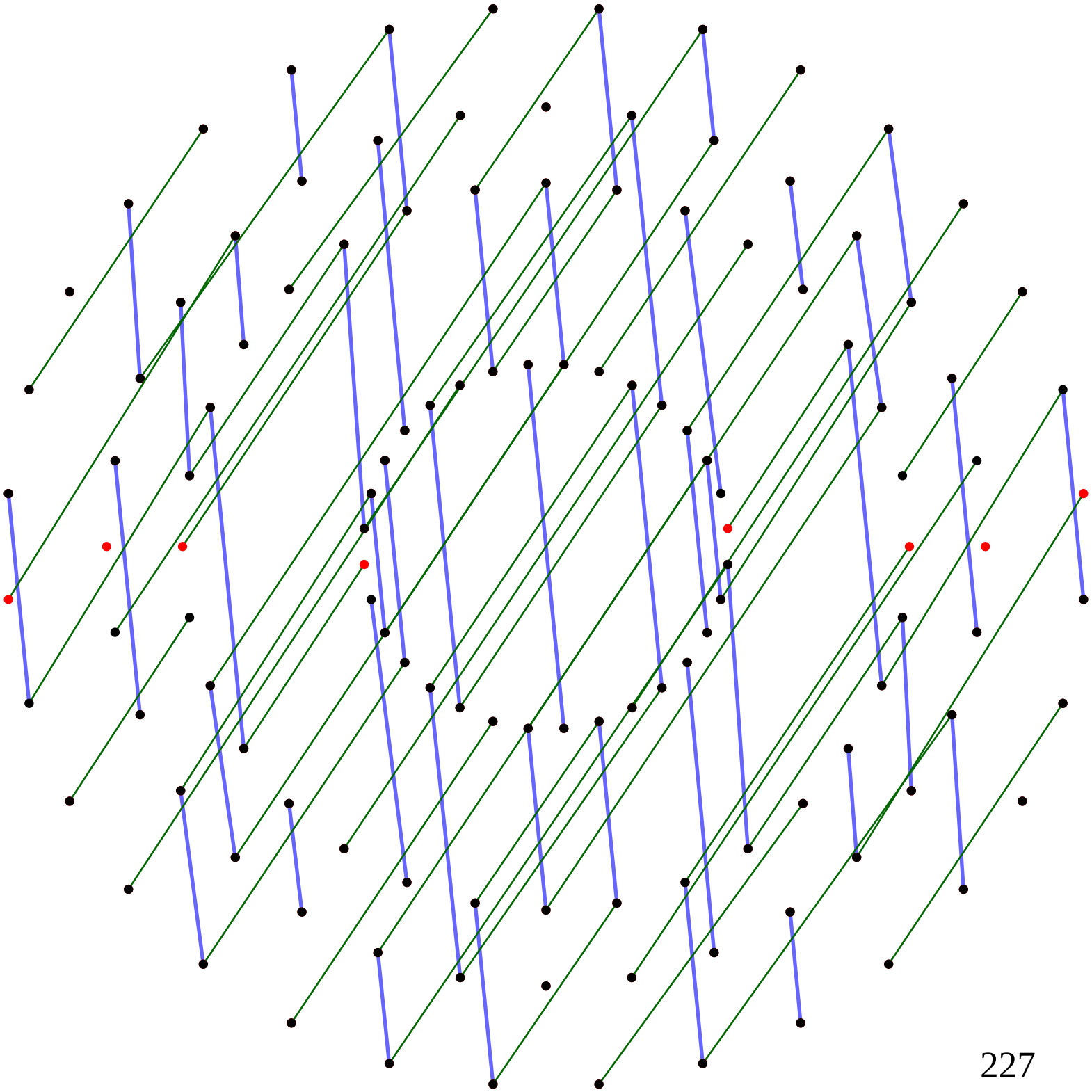
Compatible



Negative root for generator 4.

Positive root for 212143212132124

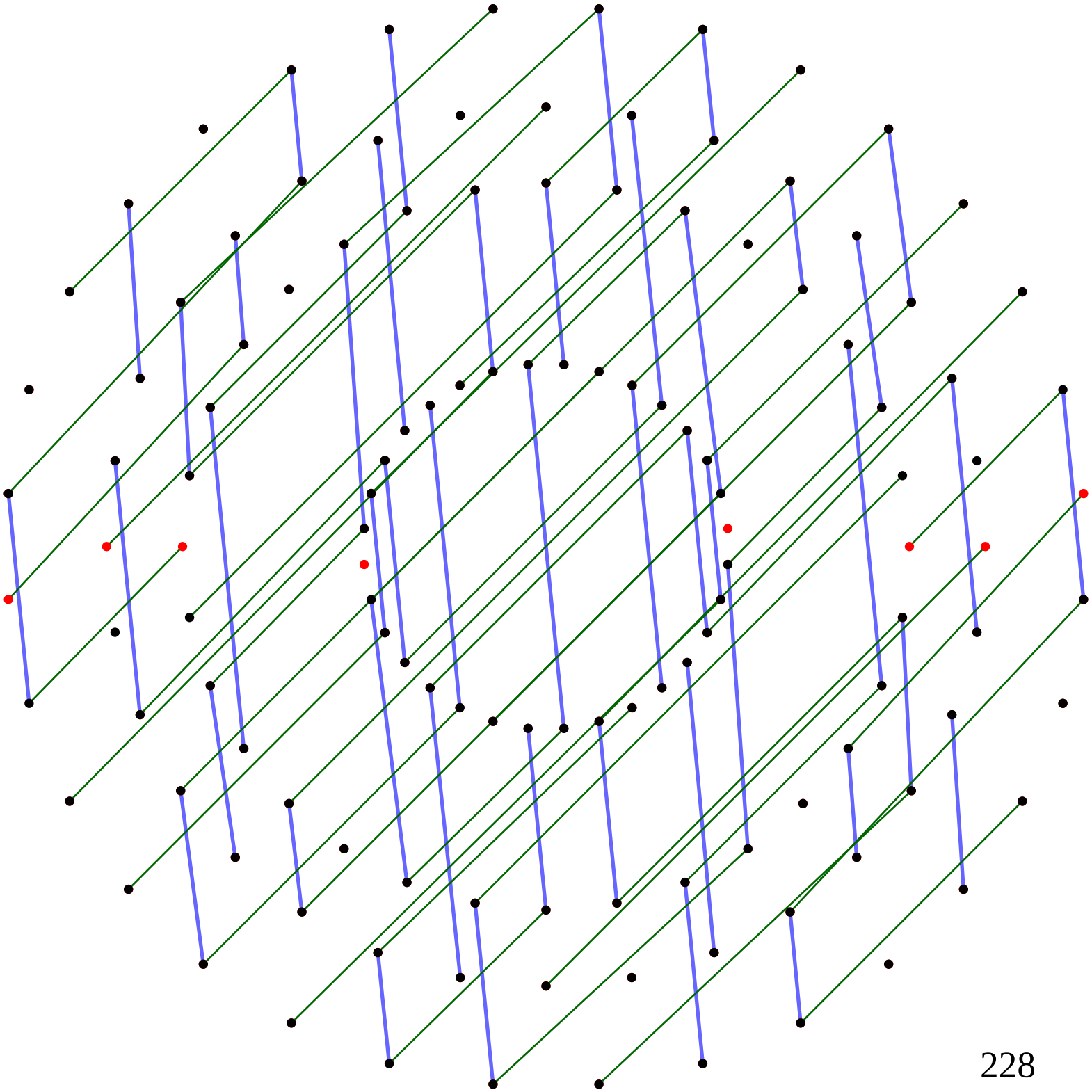
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 23212143212132432

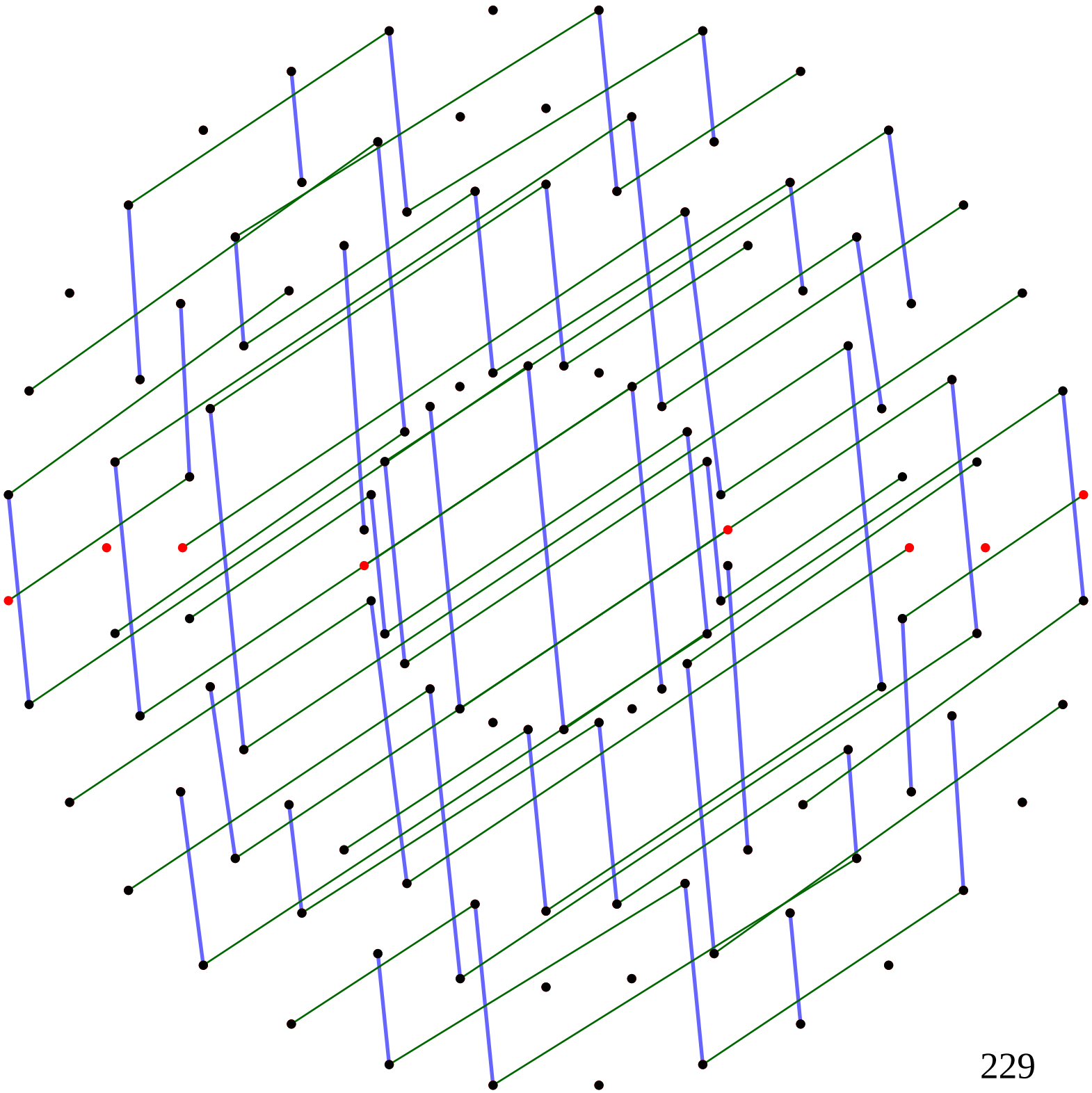
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 21213212343212132 12

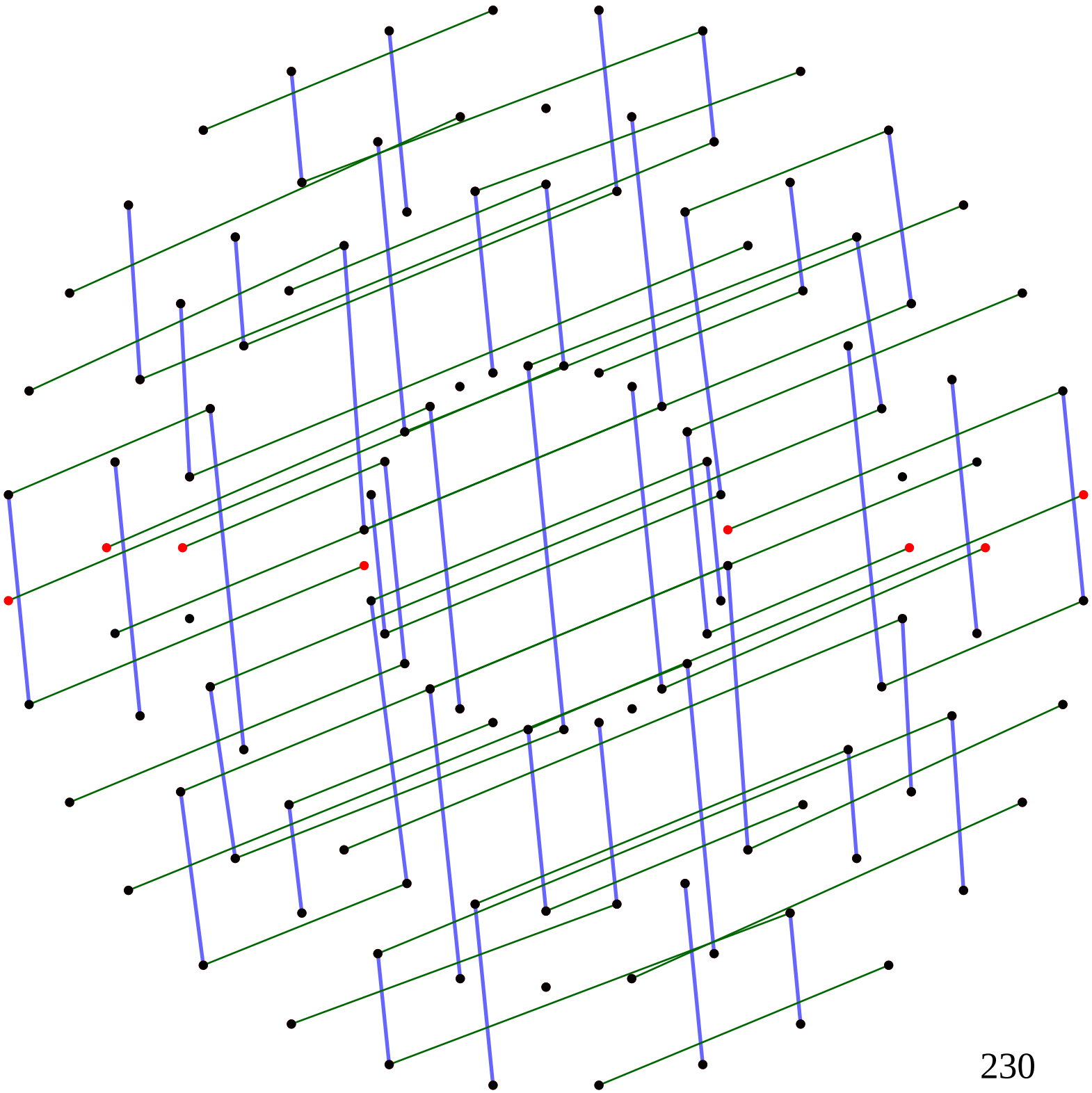
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 432121321234321213212 34

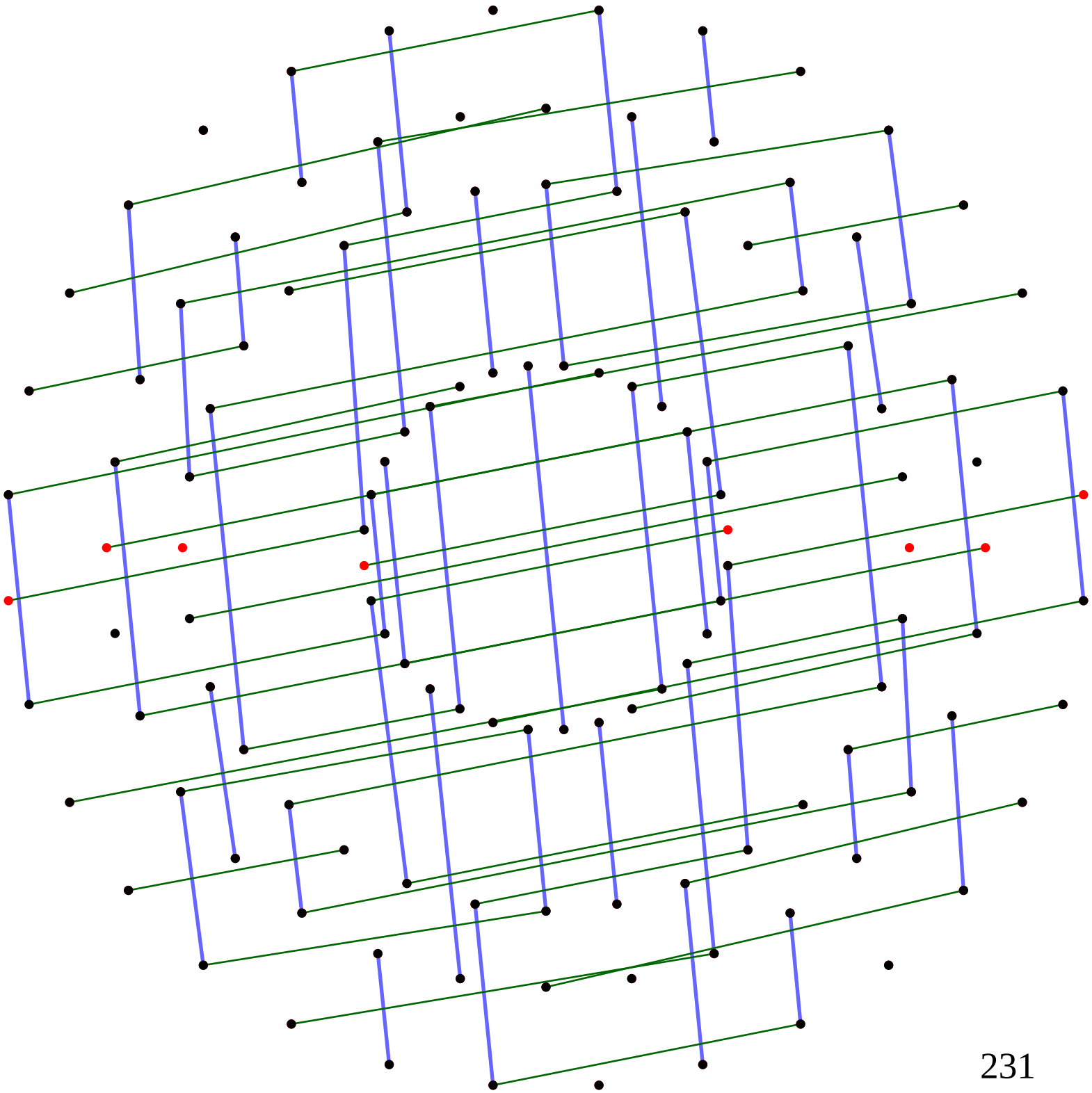
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 232121321432121321243212 3

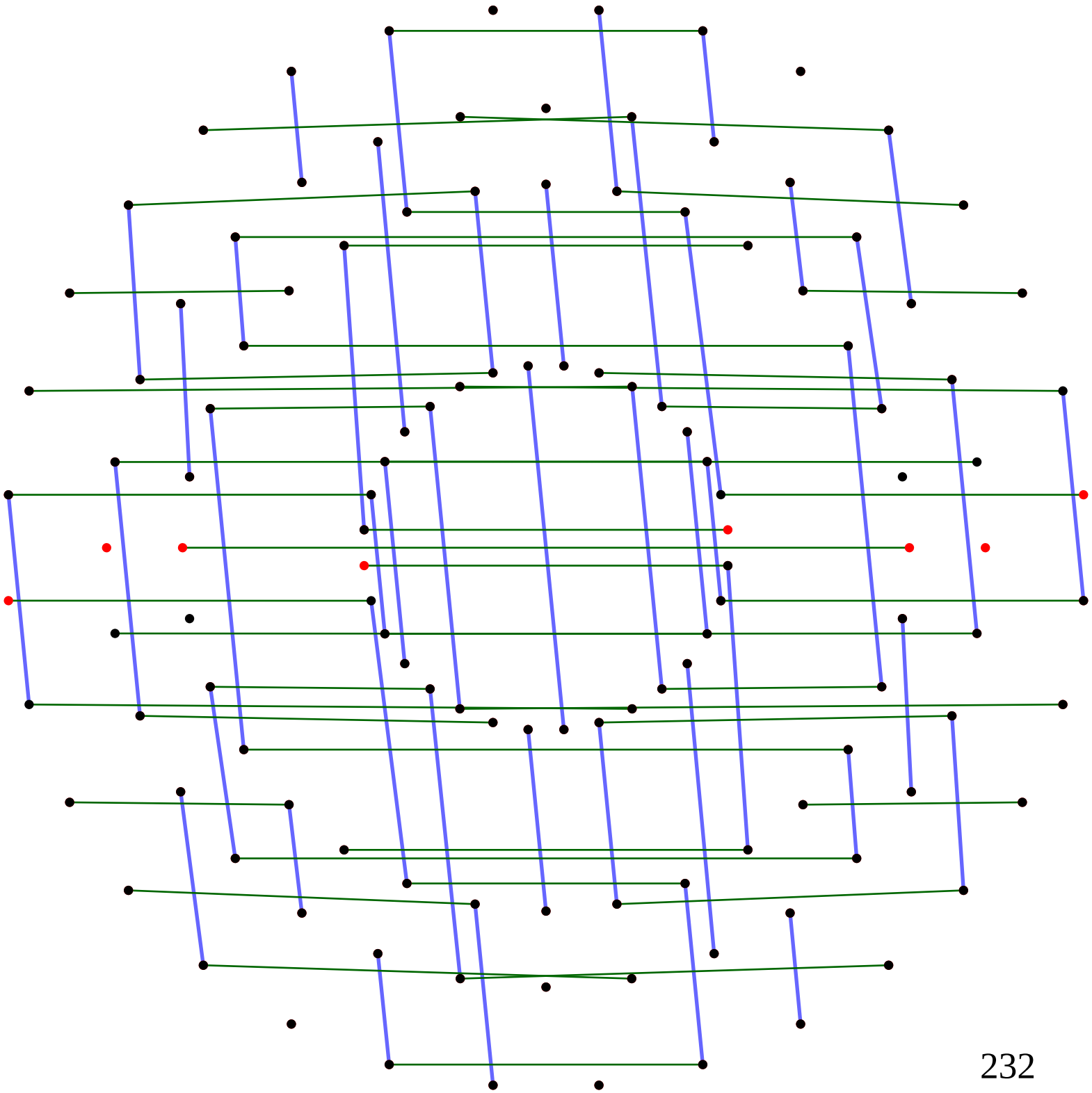
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 12123212143212132124321 21

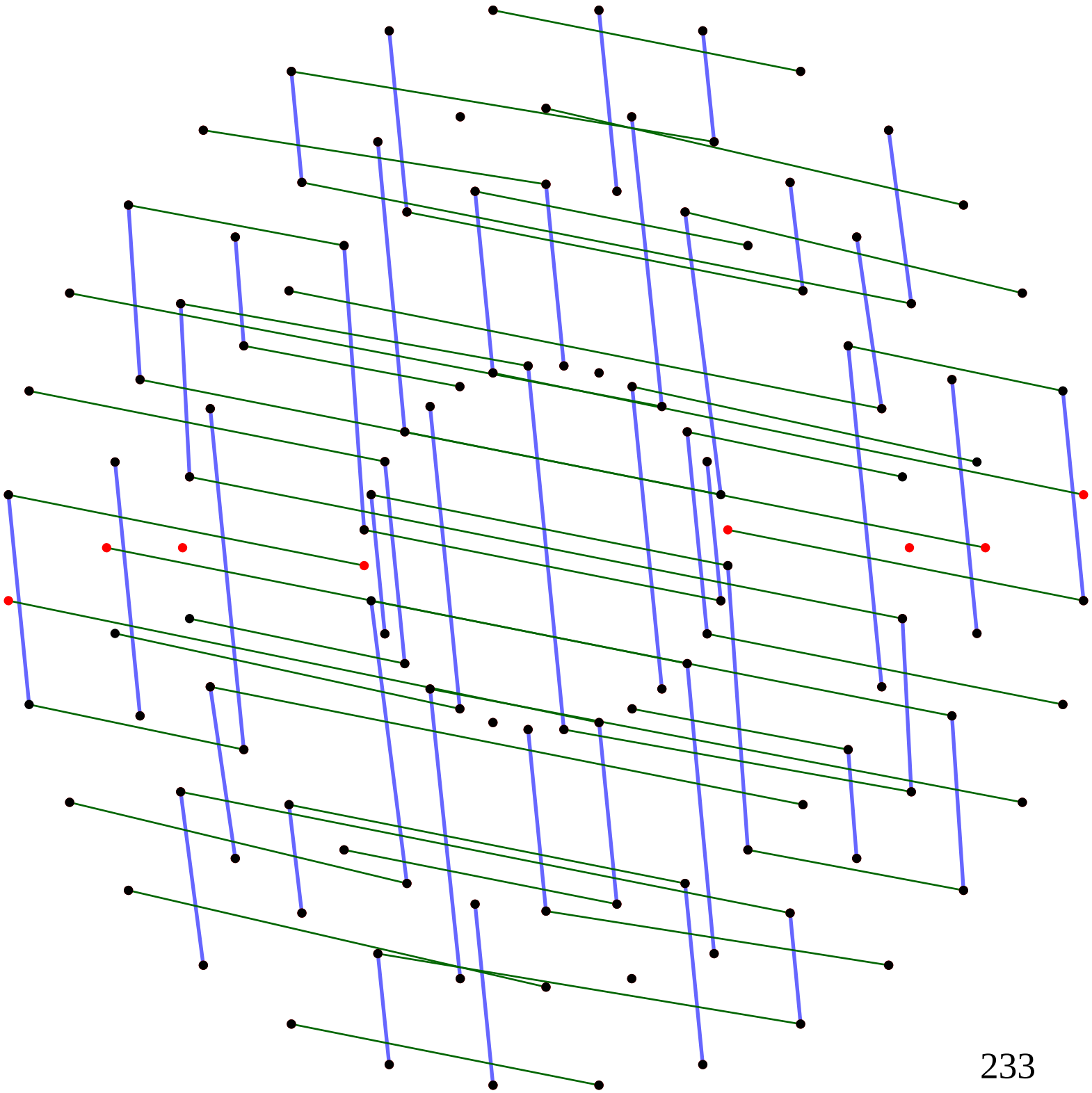
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 34321213212343212132343

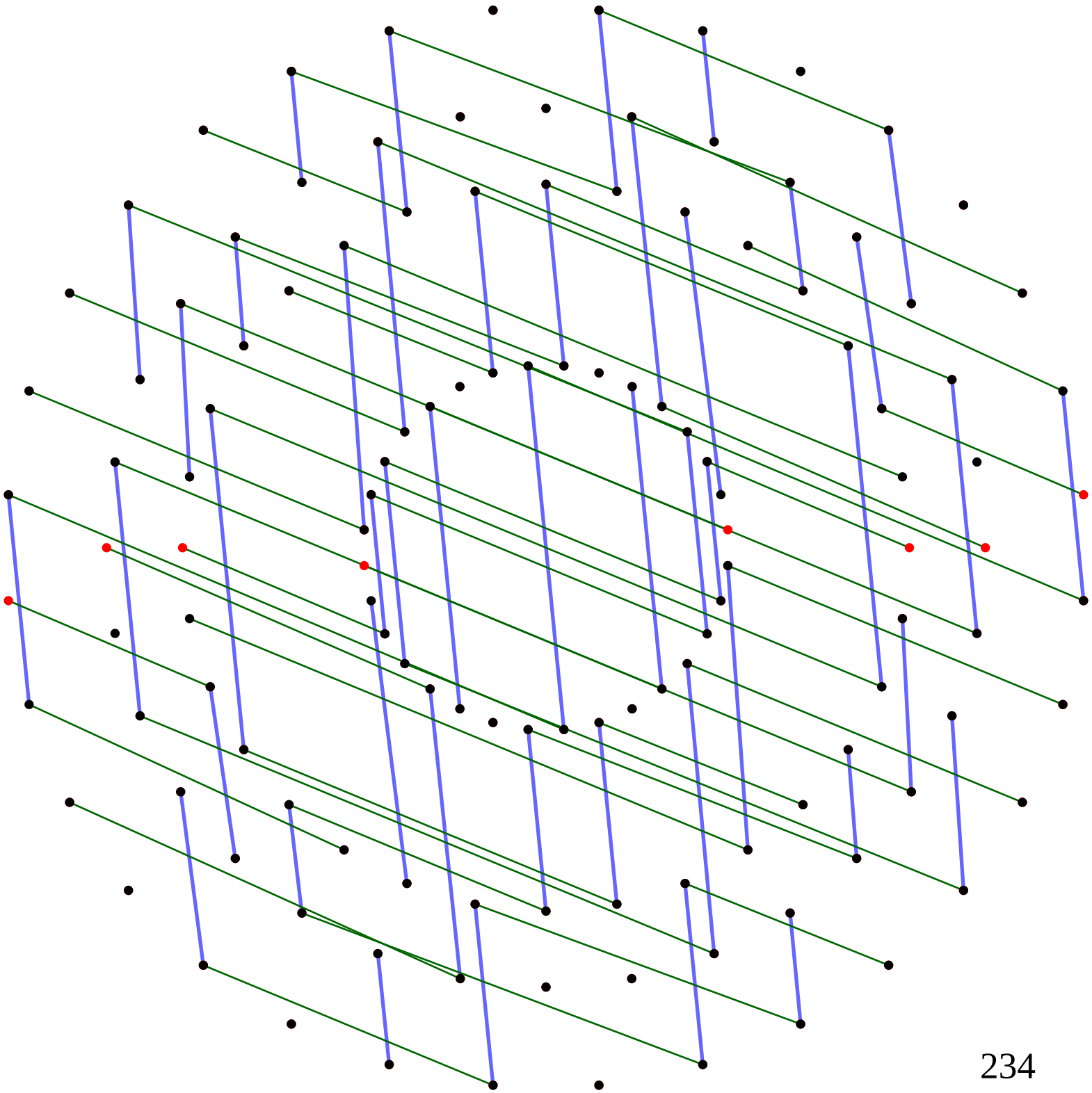
Incompatible [Degree 2.618034]



Negative root for generator 4.

Positive root for 321213212343212132123

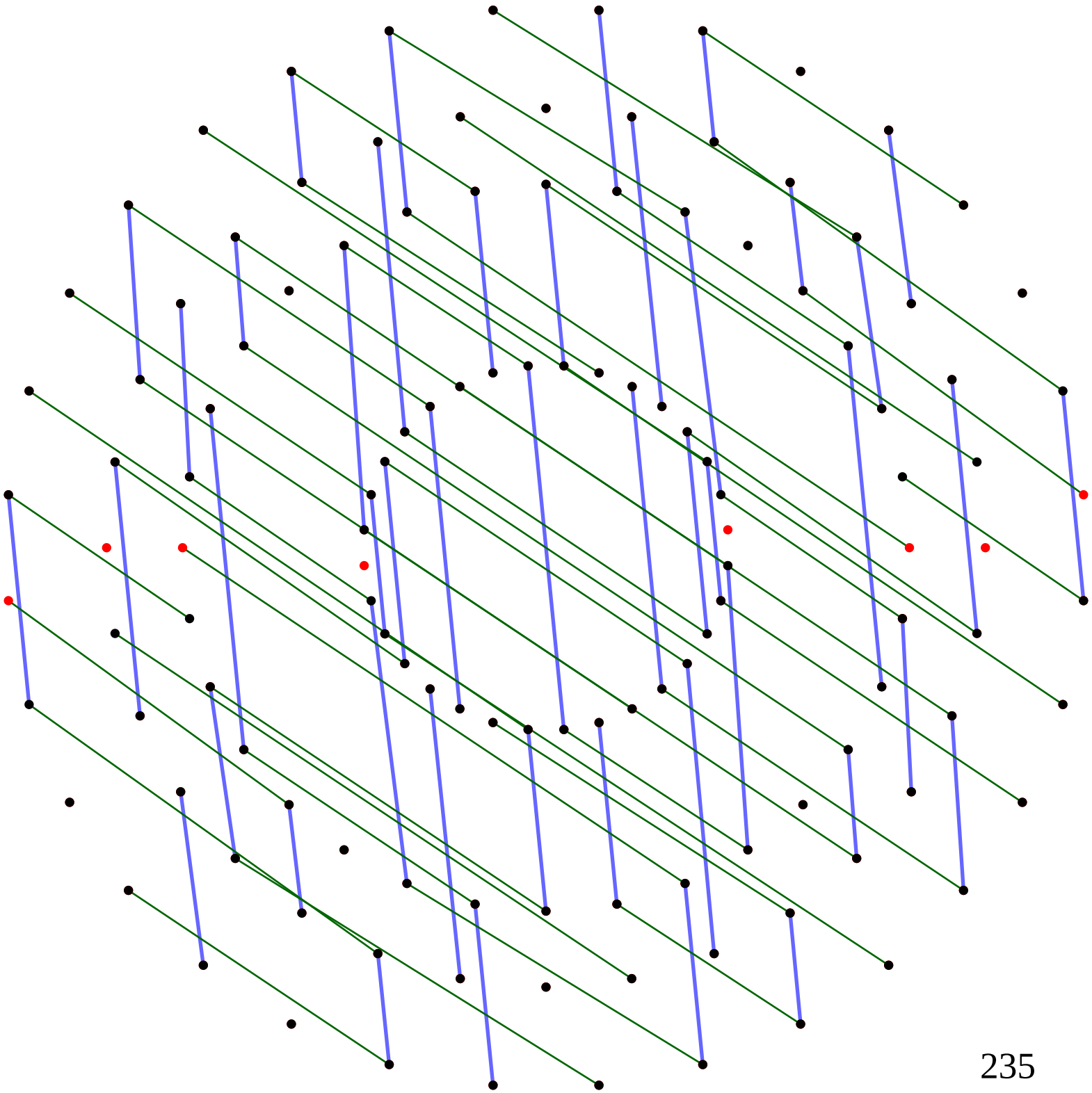
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 12132143212132143 21

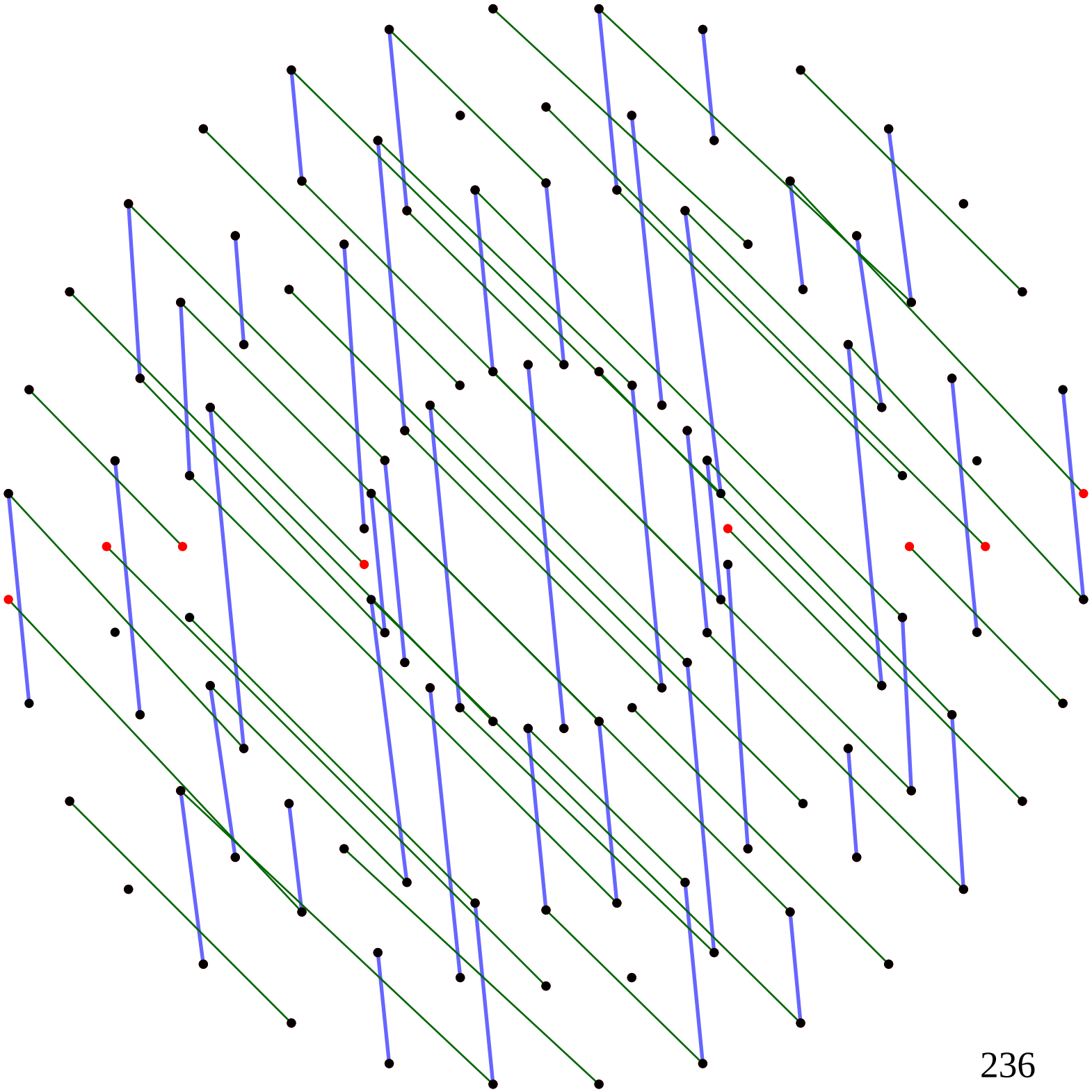
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 32121432121321243

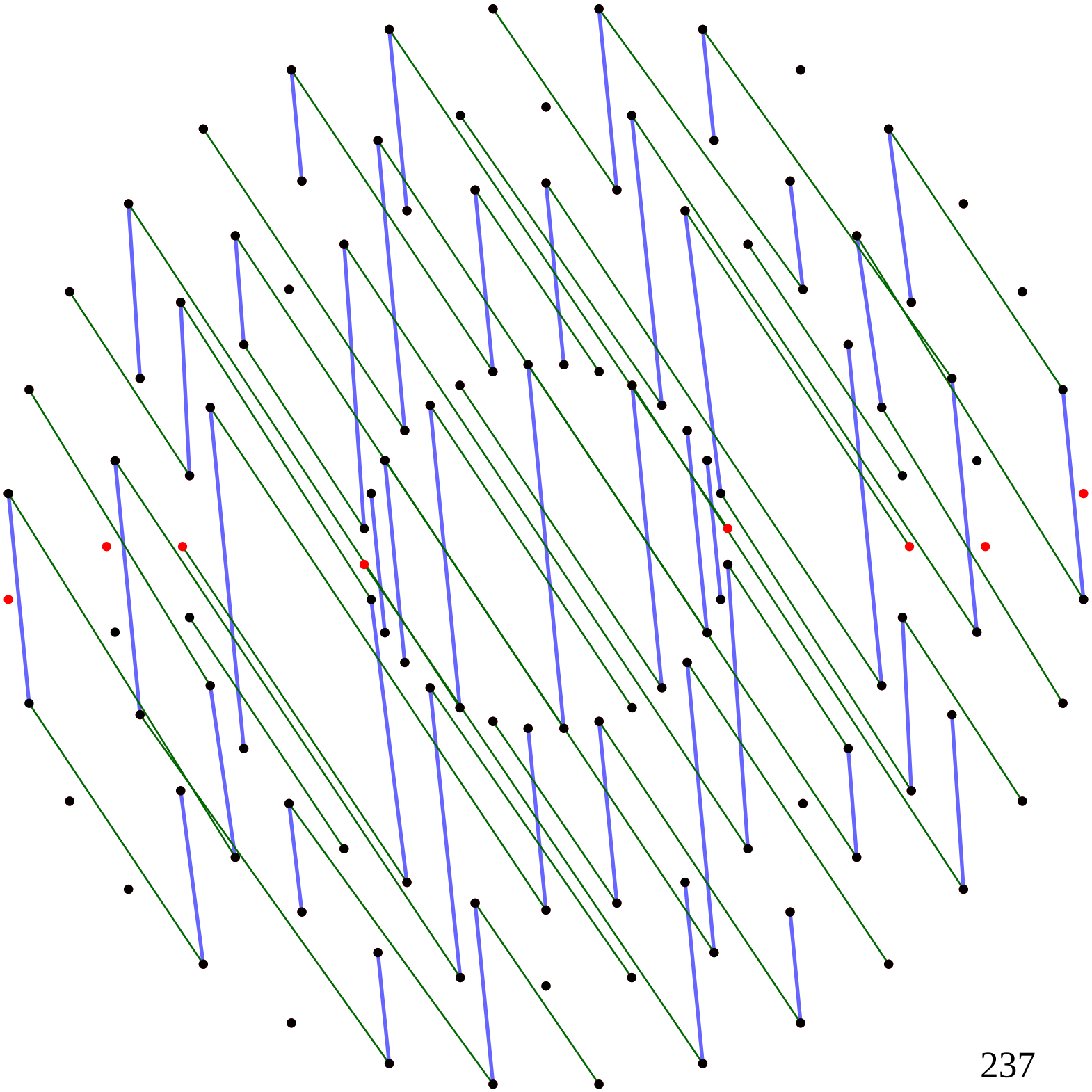
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 12132121321

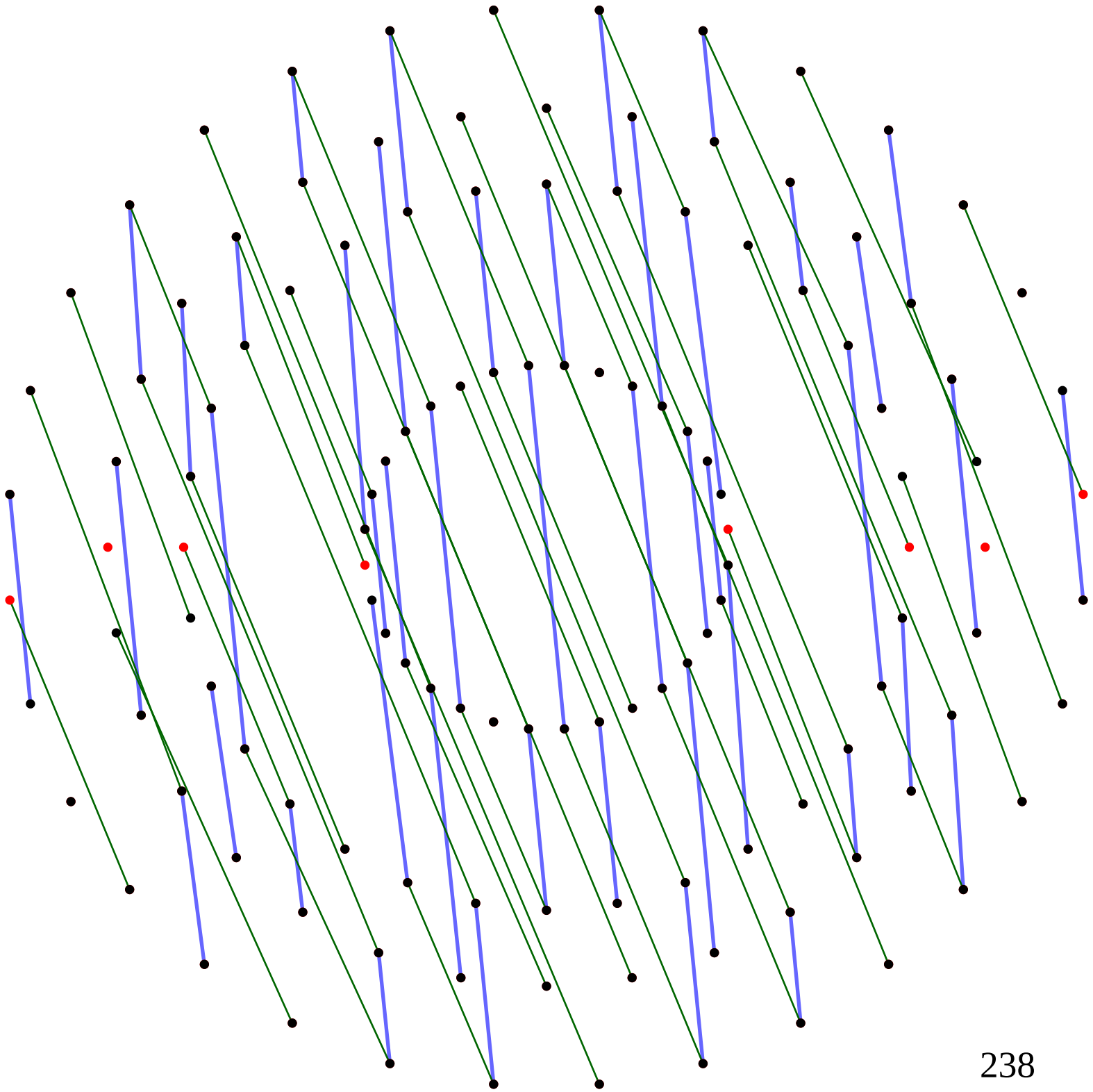
Compatible



Negative root for generator 4.

Positive root for 1234321

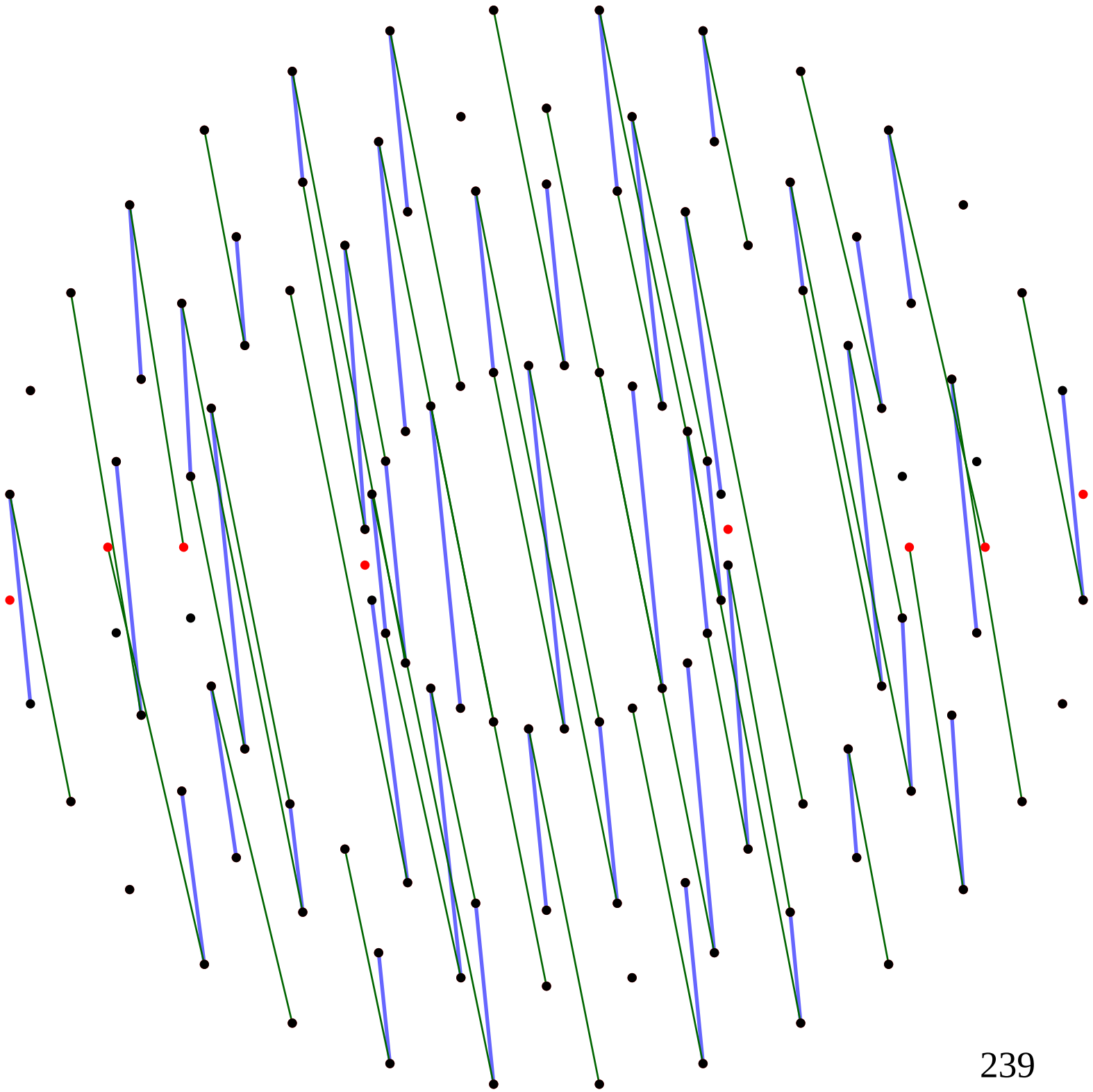
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 3

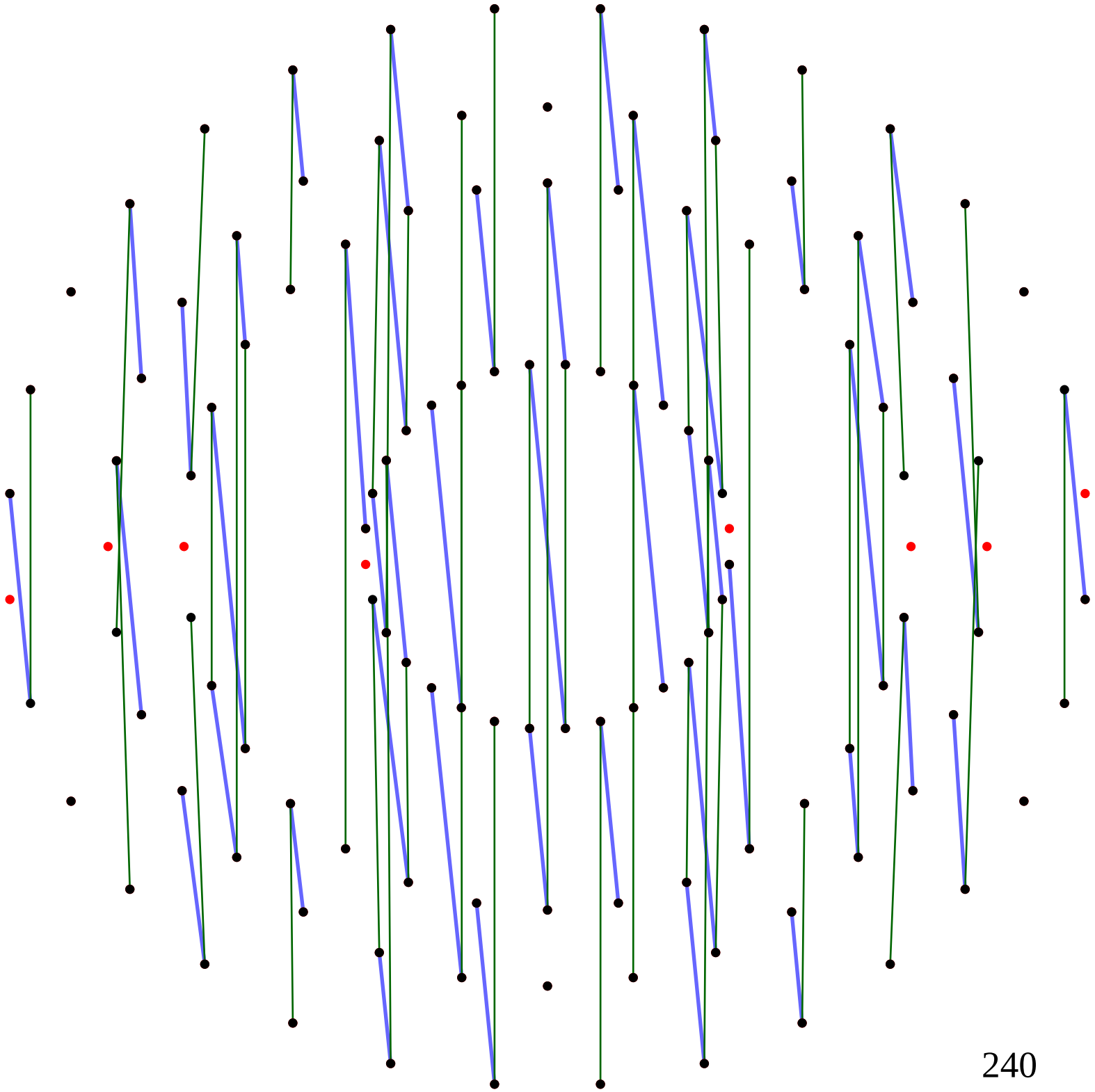
Compatible



Negative root for generator 4.

Negative root for generator 3.

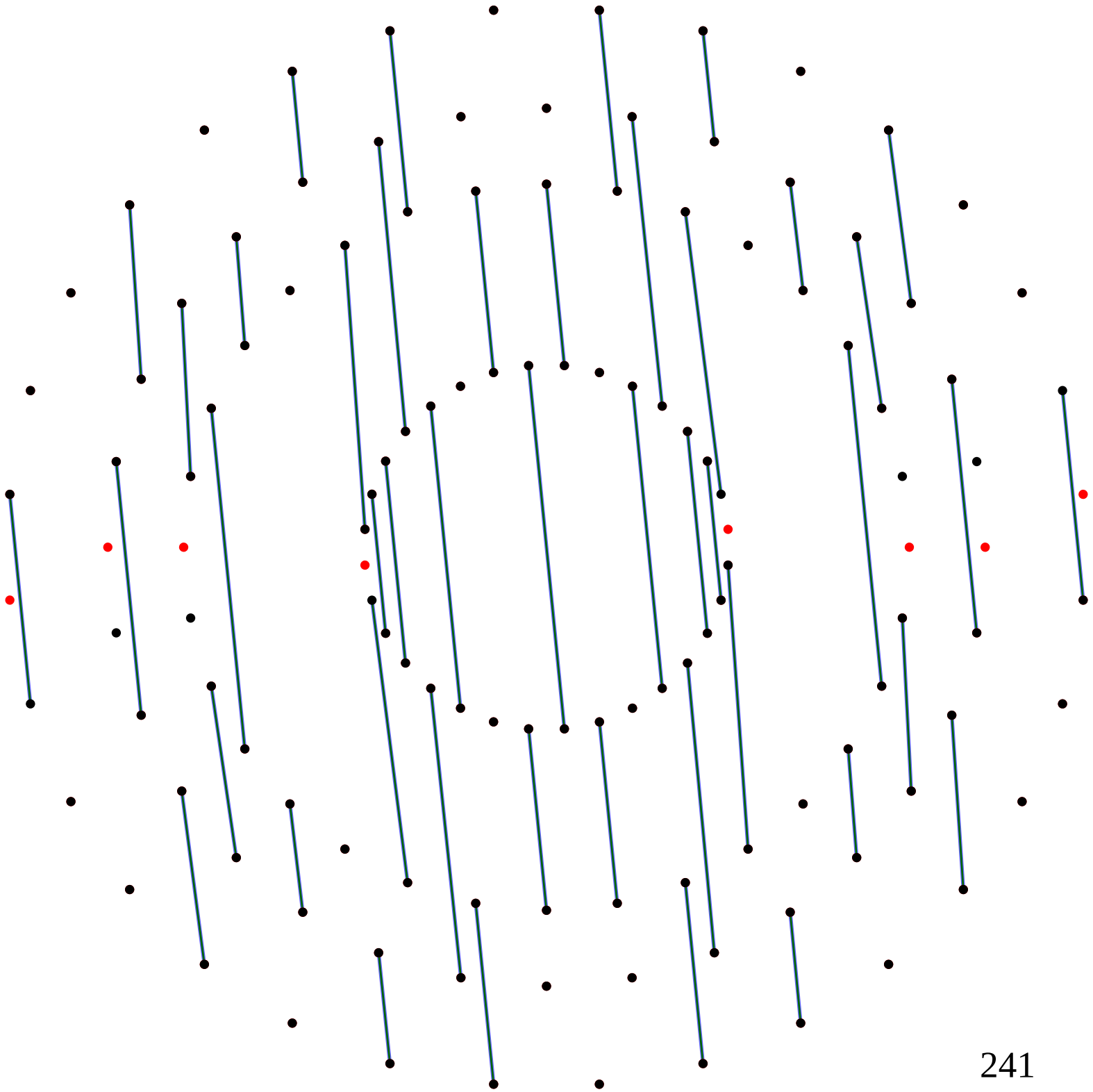
Compatible



Negative root for generator 4.

Negative root for generator 4.

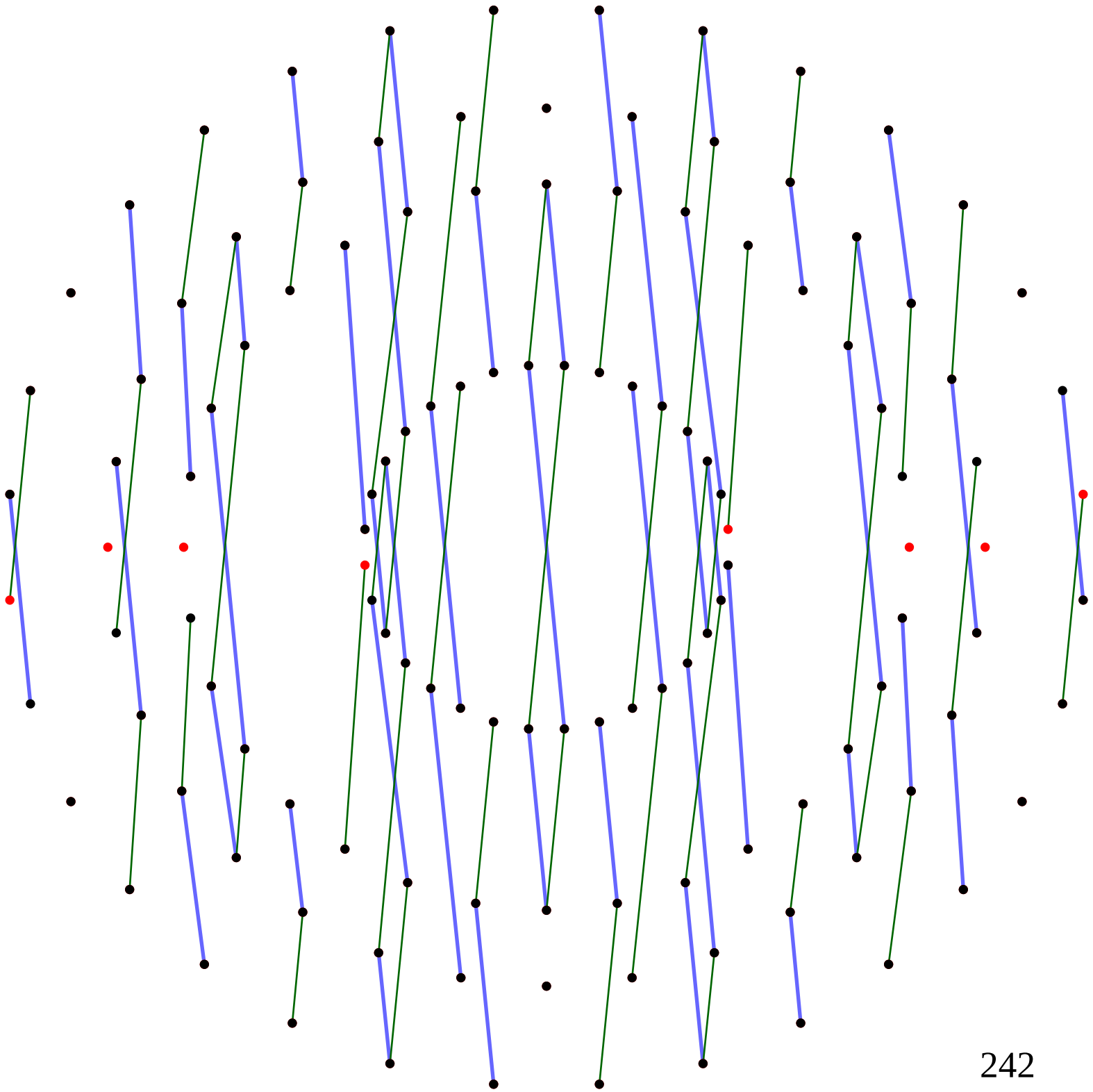
Coinciding



Negative root for generator 4.

Positive root for 4

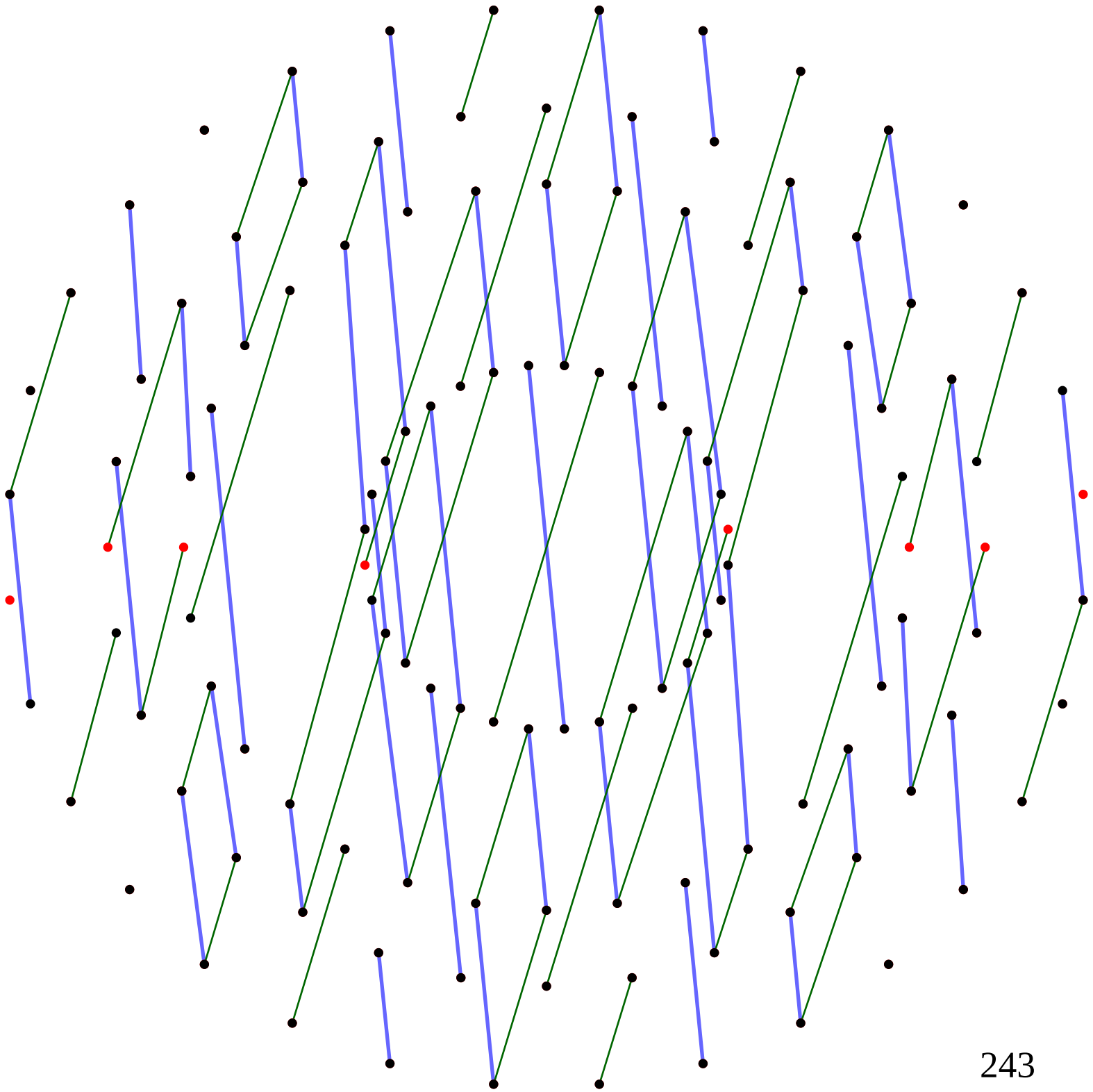
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 232

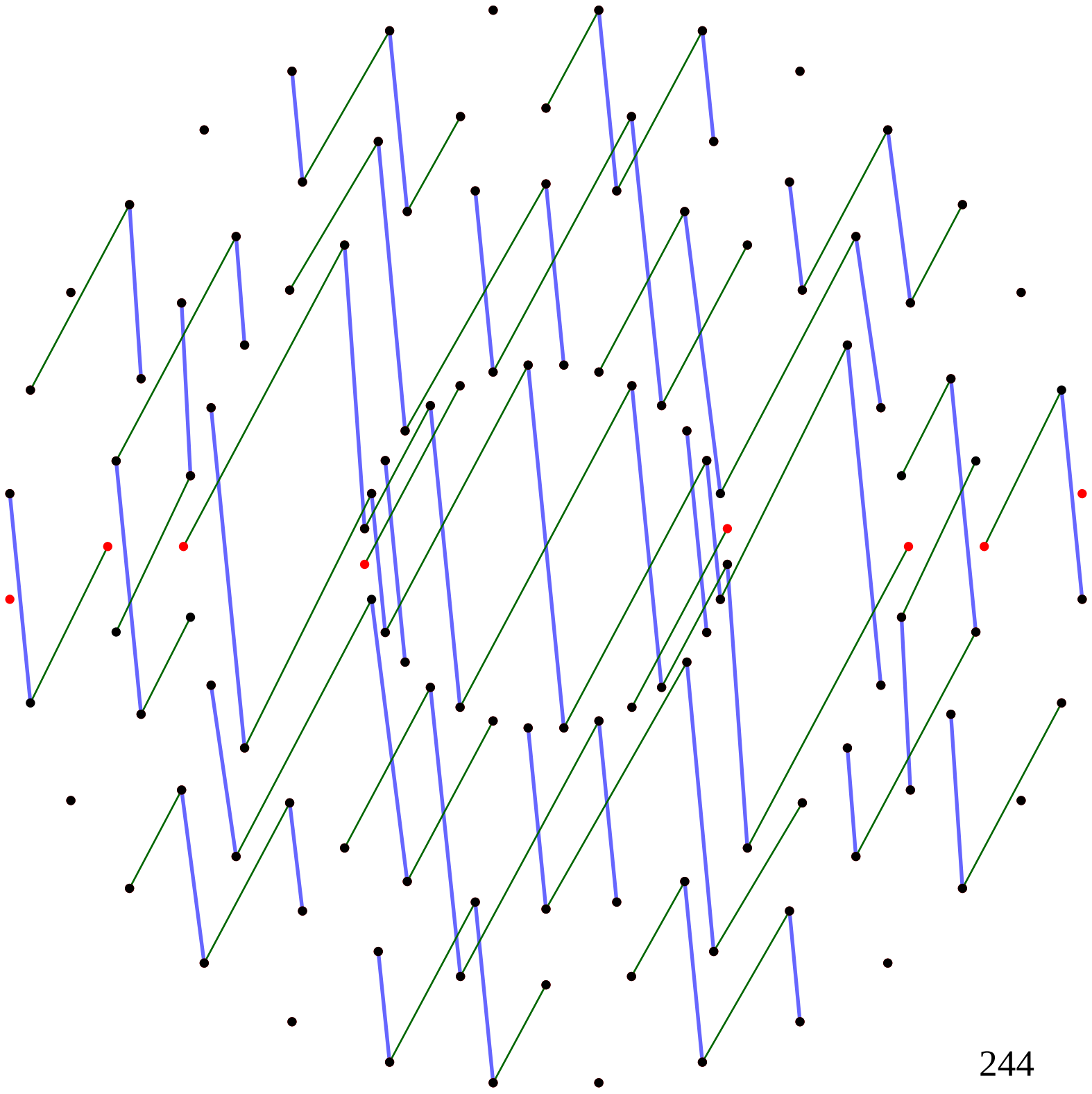
Compatible



Negative root for generator 4.

Positive root for 12121

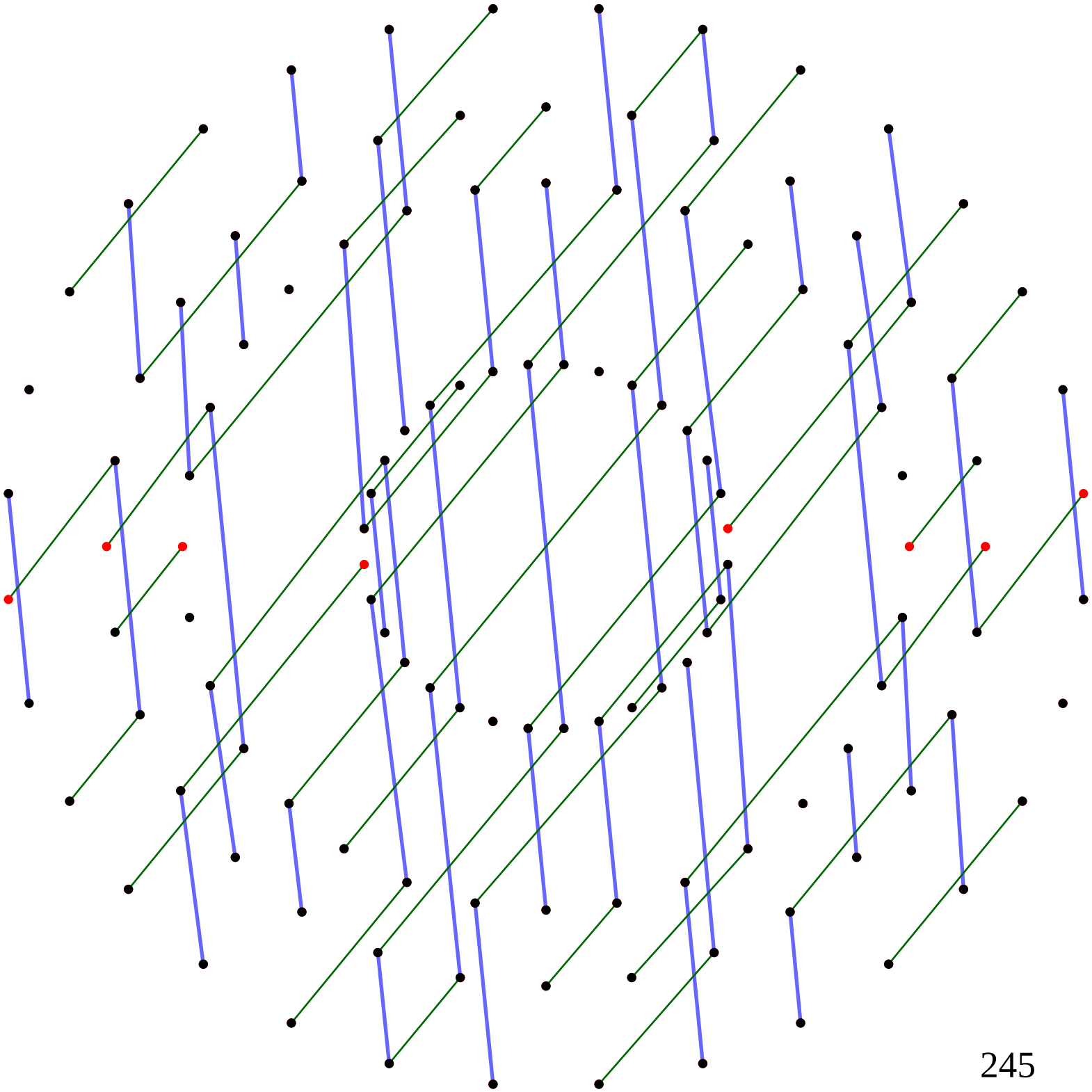
Compatible



Negative root for generator 4.

Positive root for 4321234

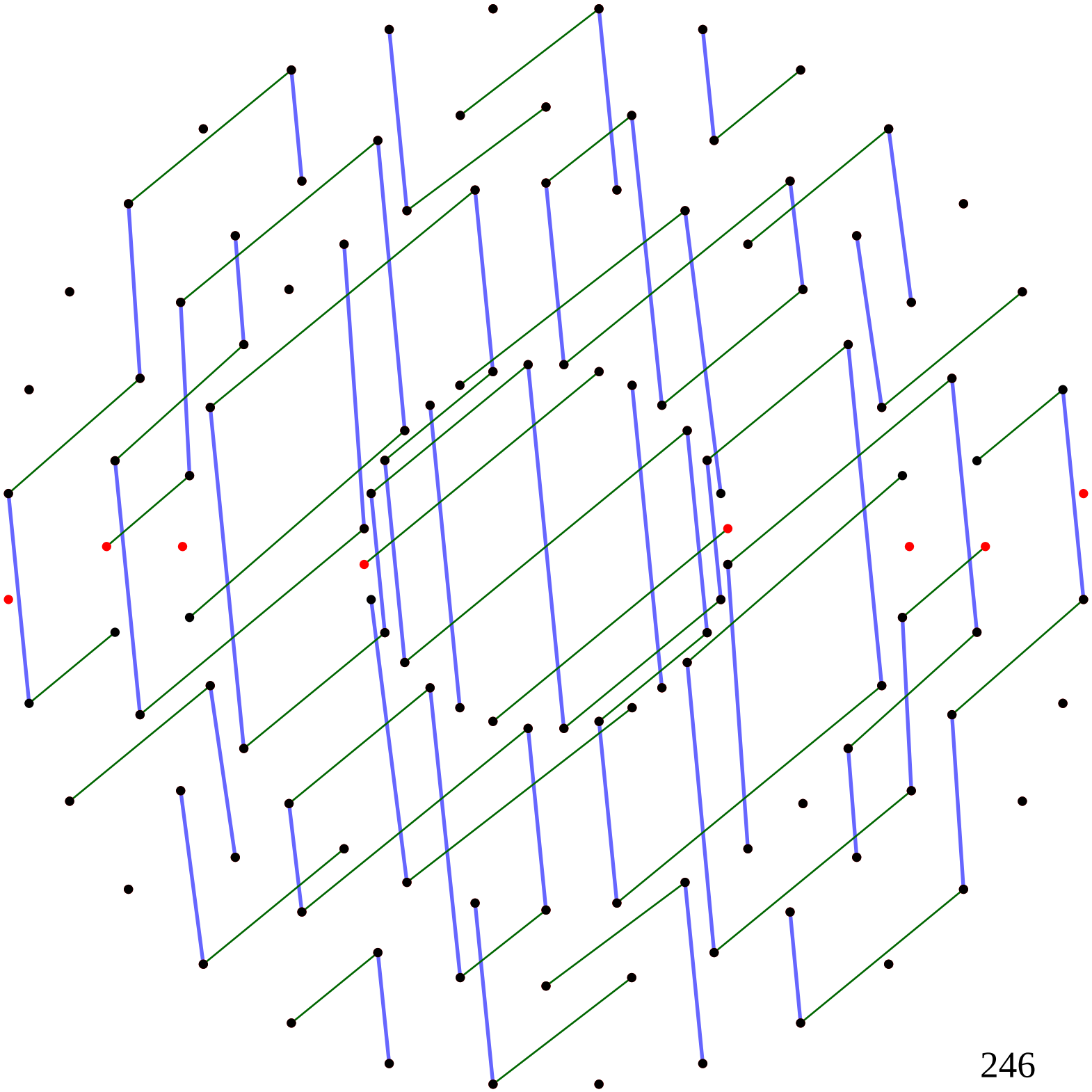
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 213212132

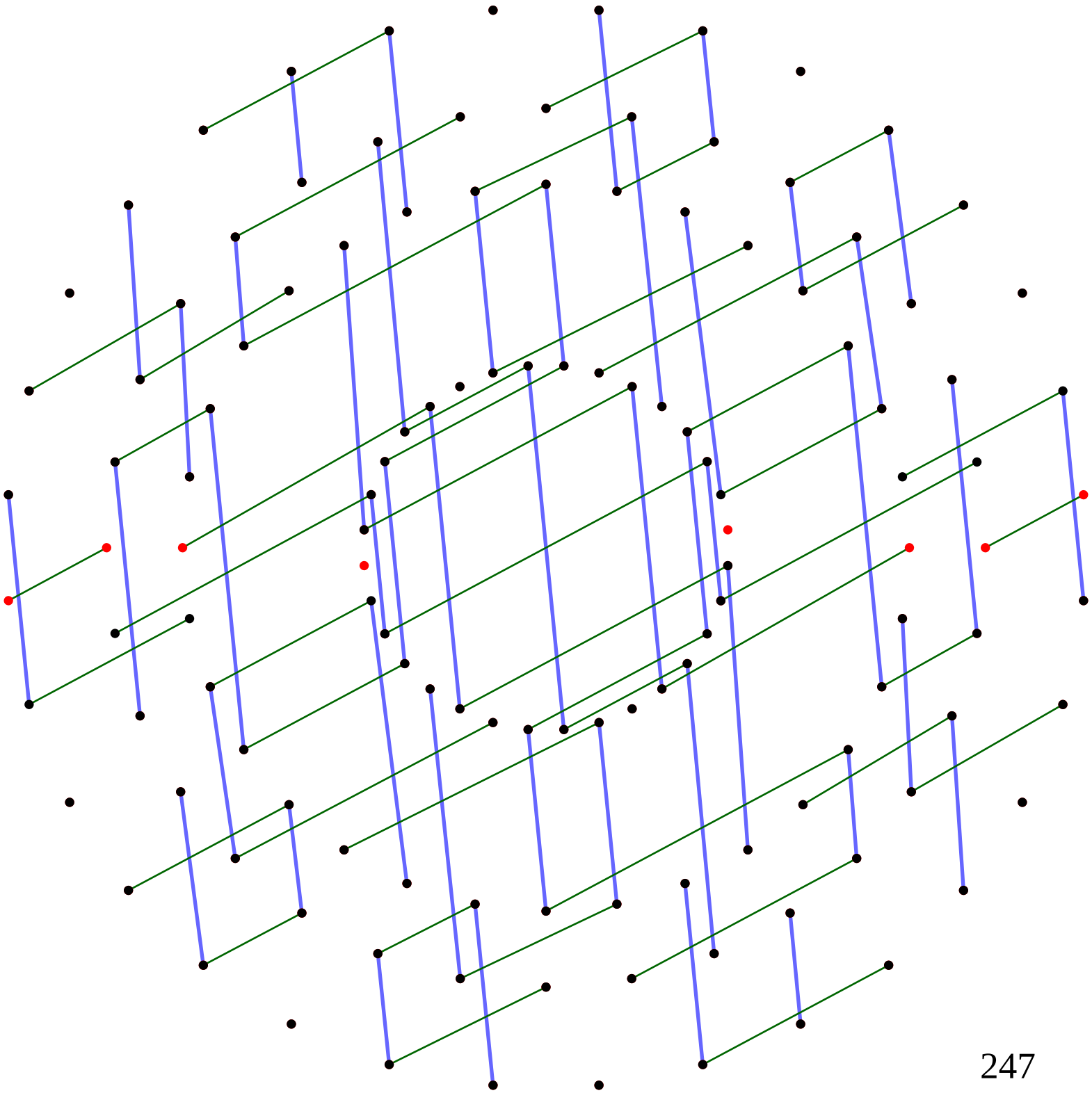
Compatible



Negative root for generator 4.

Positive root for 12123432121

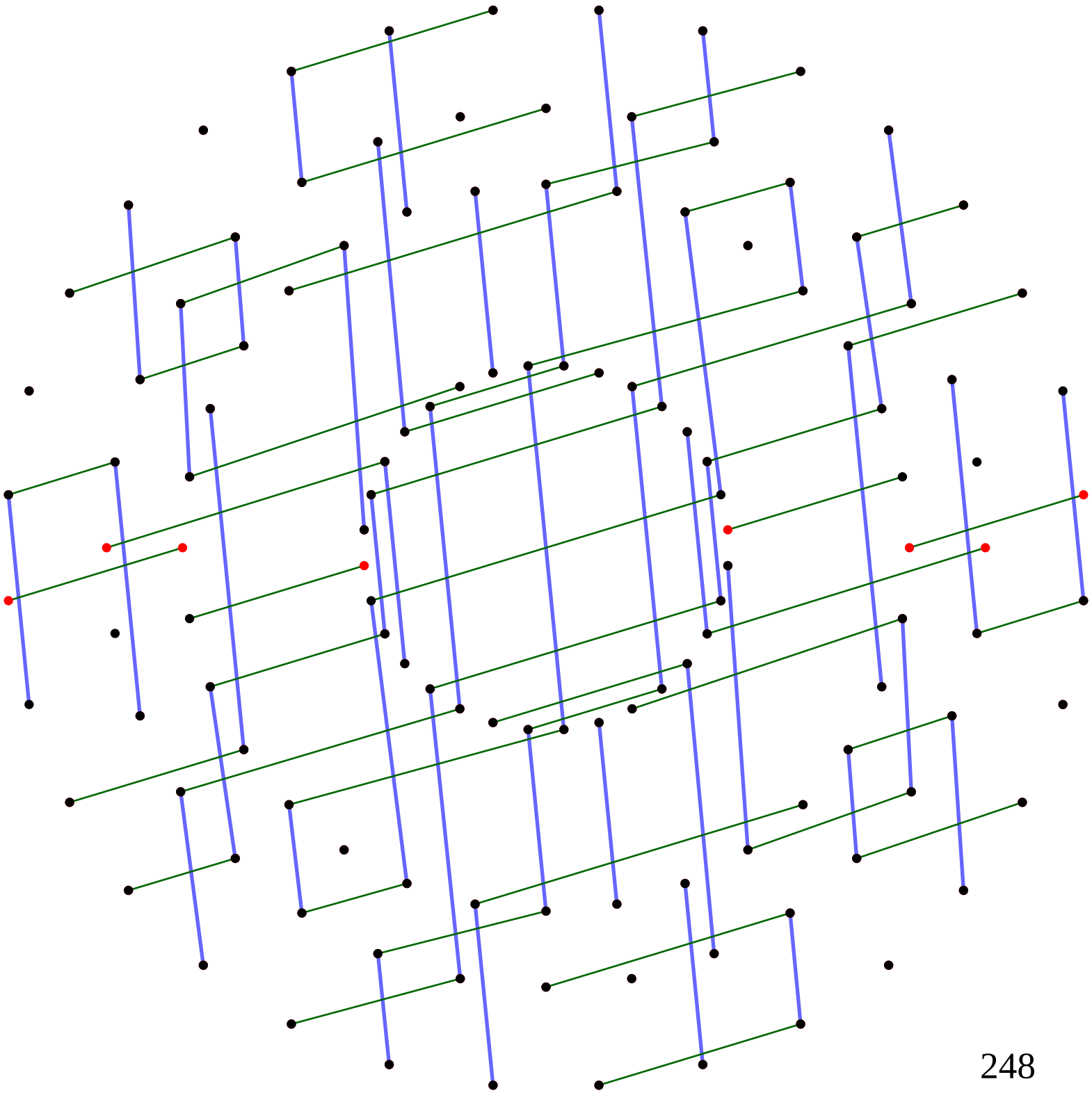
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 3214321213243

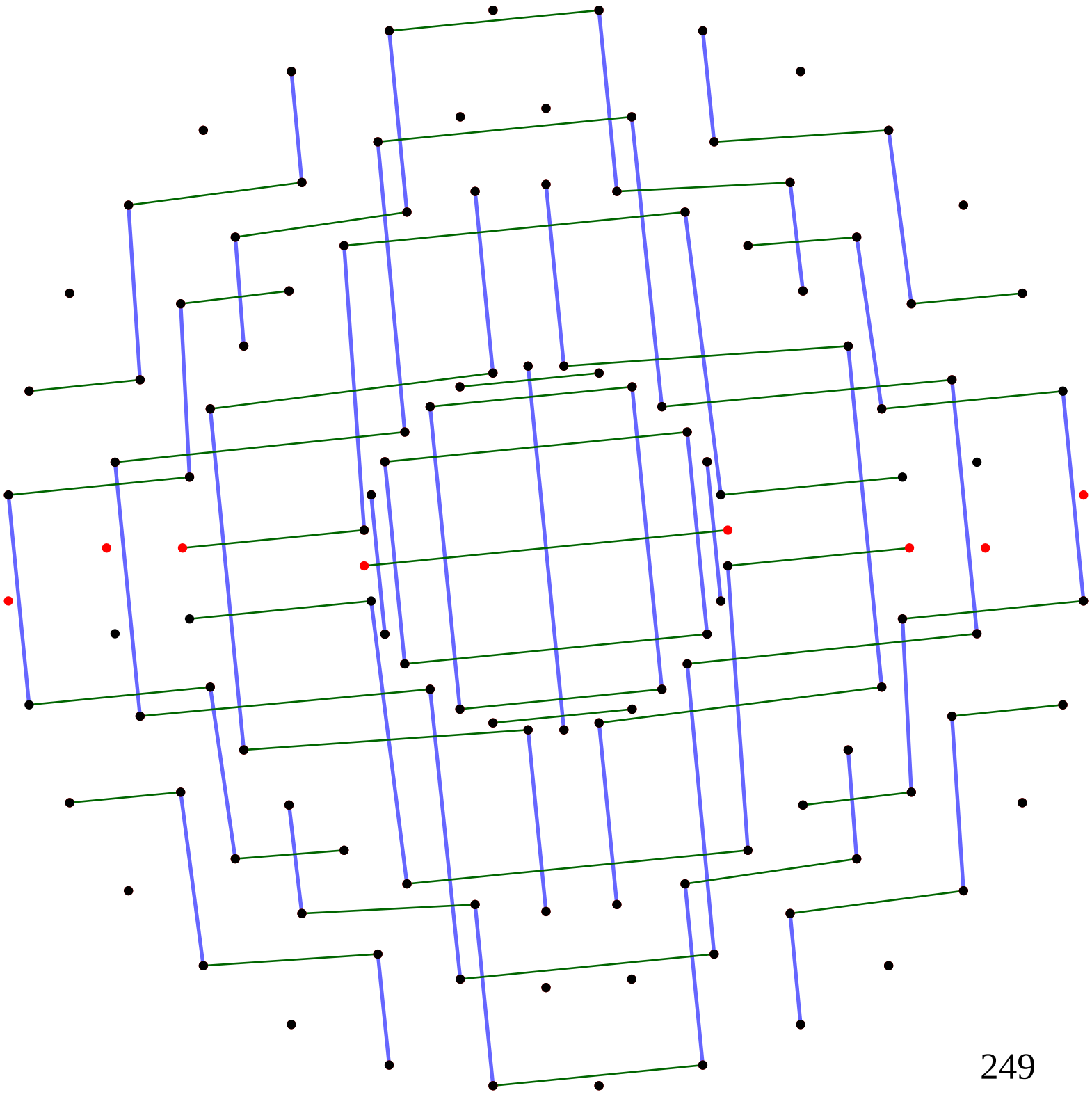
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 2121321213212

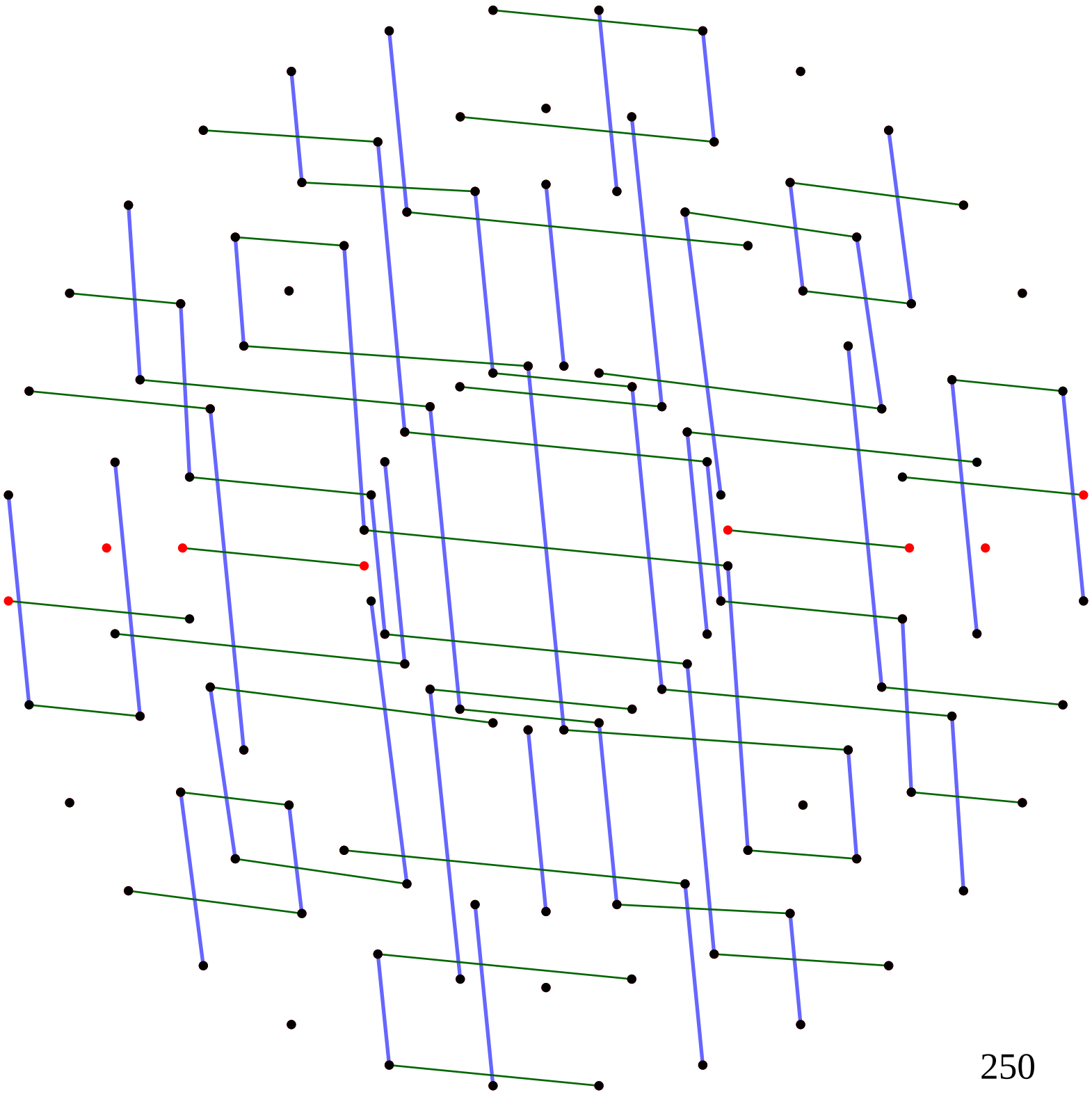
Compatible



Negative root for generator 4.

Positive root for 1214321213214

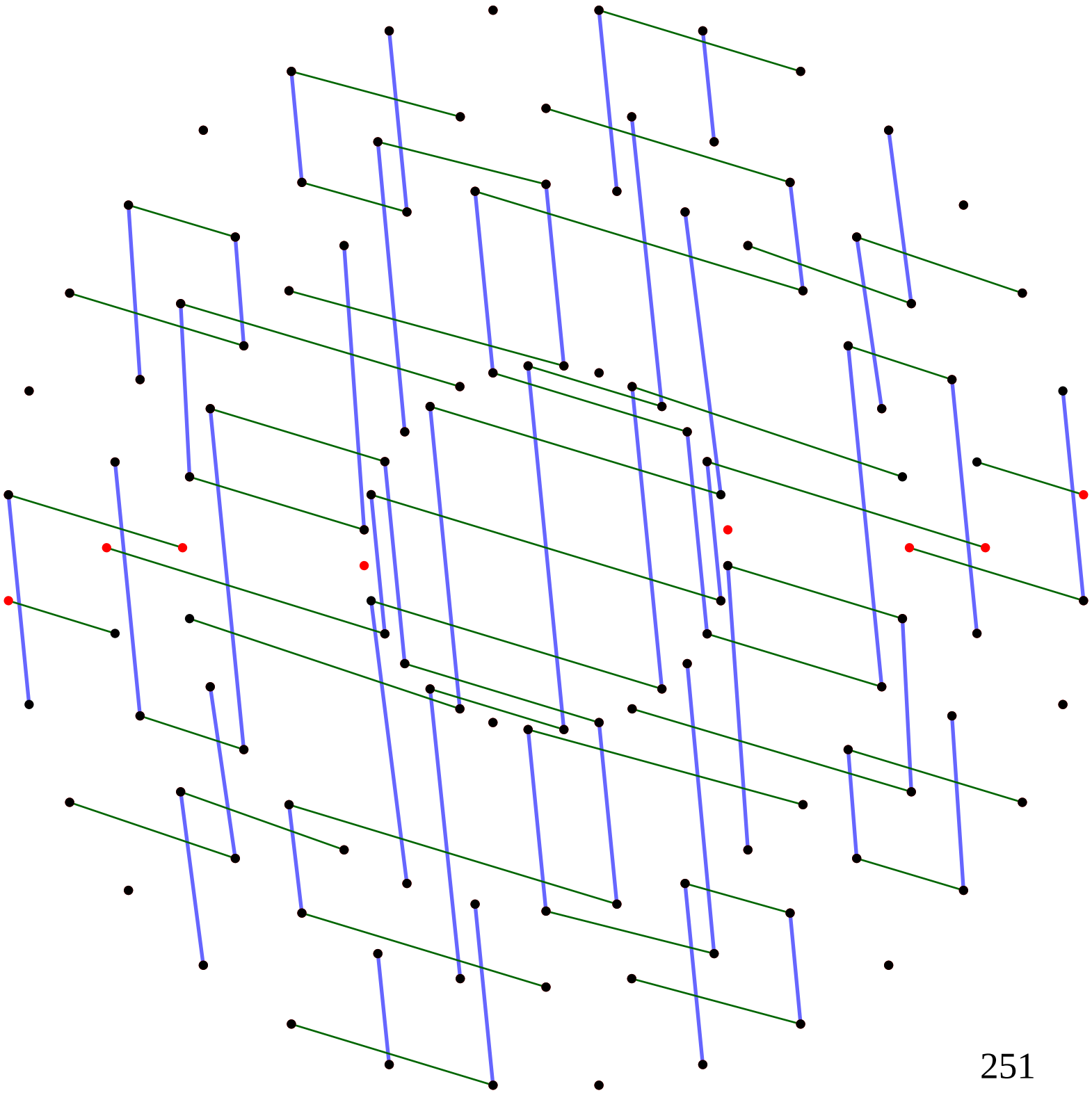
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 32123432123

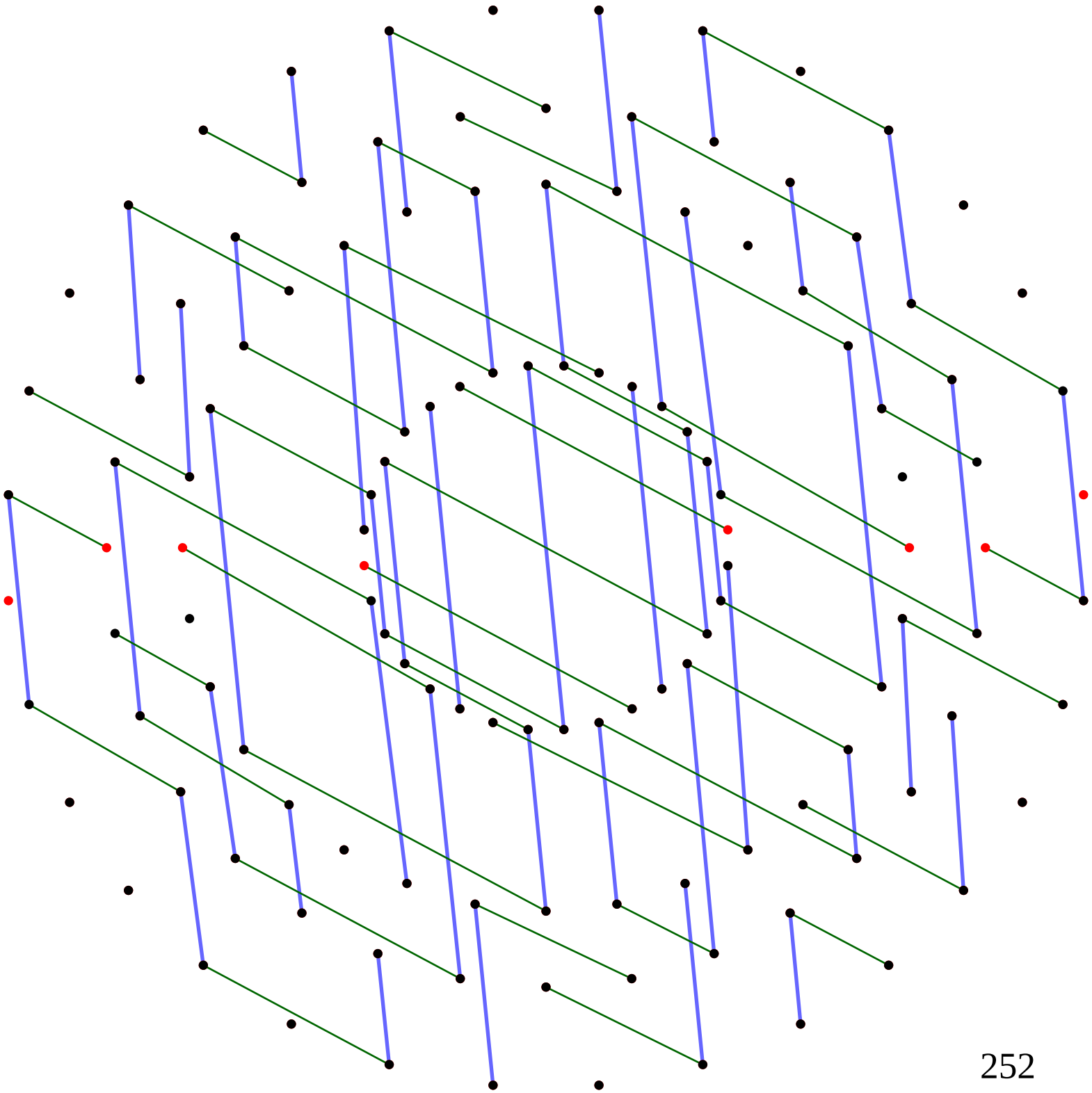
Incompatible [Degree 1]



Negative root for generator 4.

Positive root for 121232121

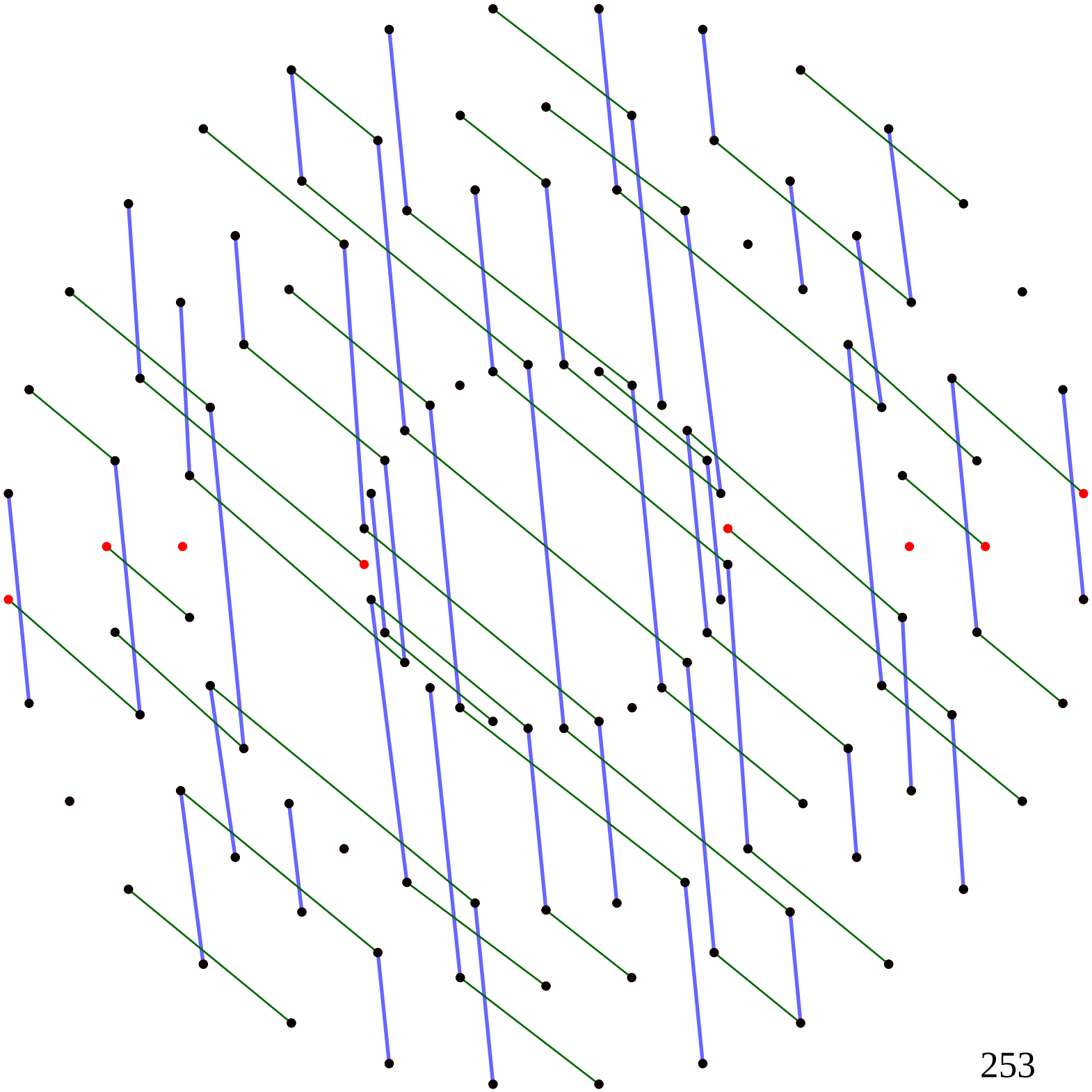
Compatible



Negative root for generator 4.

Positive root for 143212134

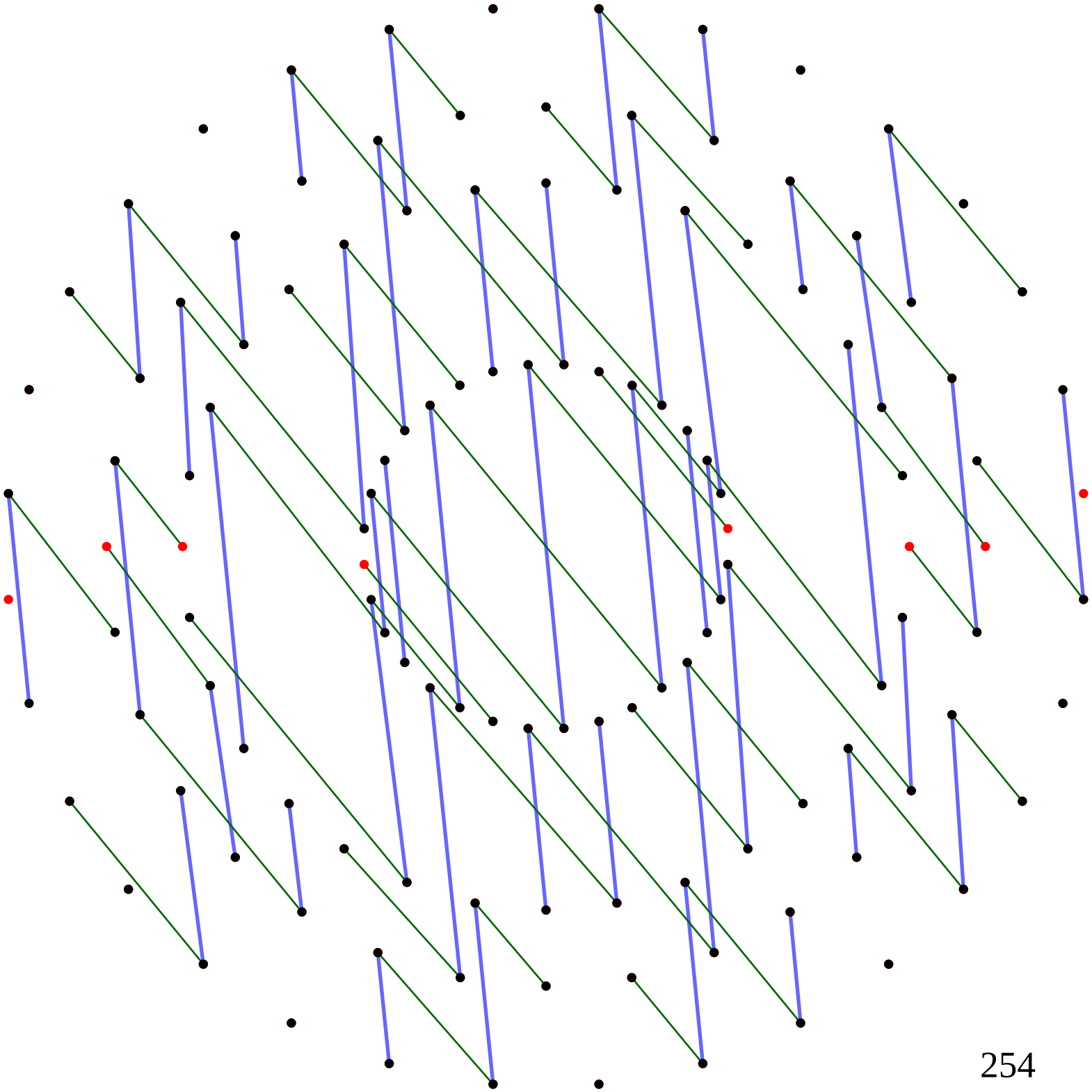
Incompatible [Degree 1.618034]



Negative root for generator 4.

Positive root for 32123

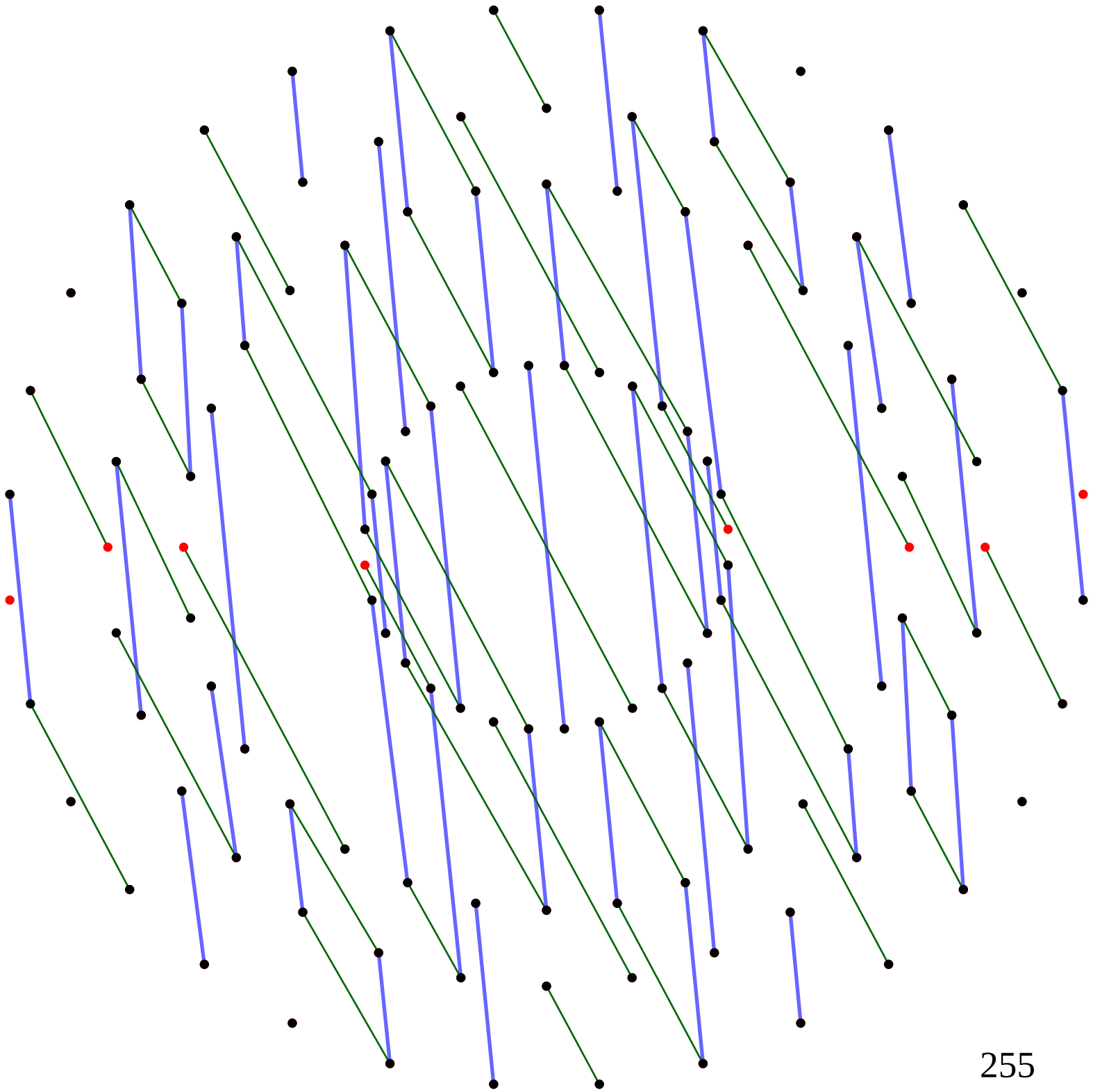
Compatible



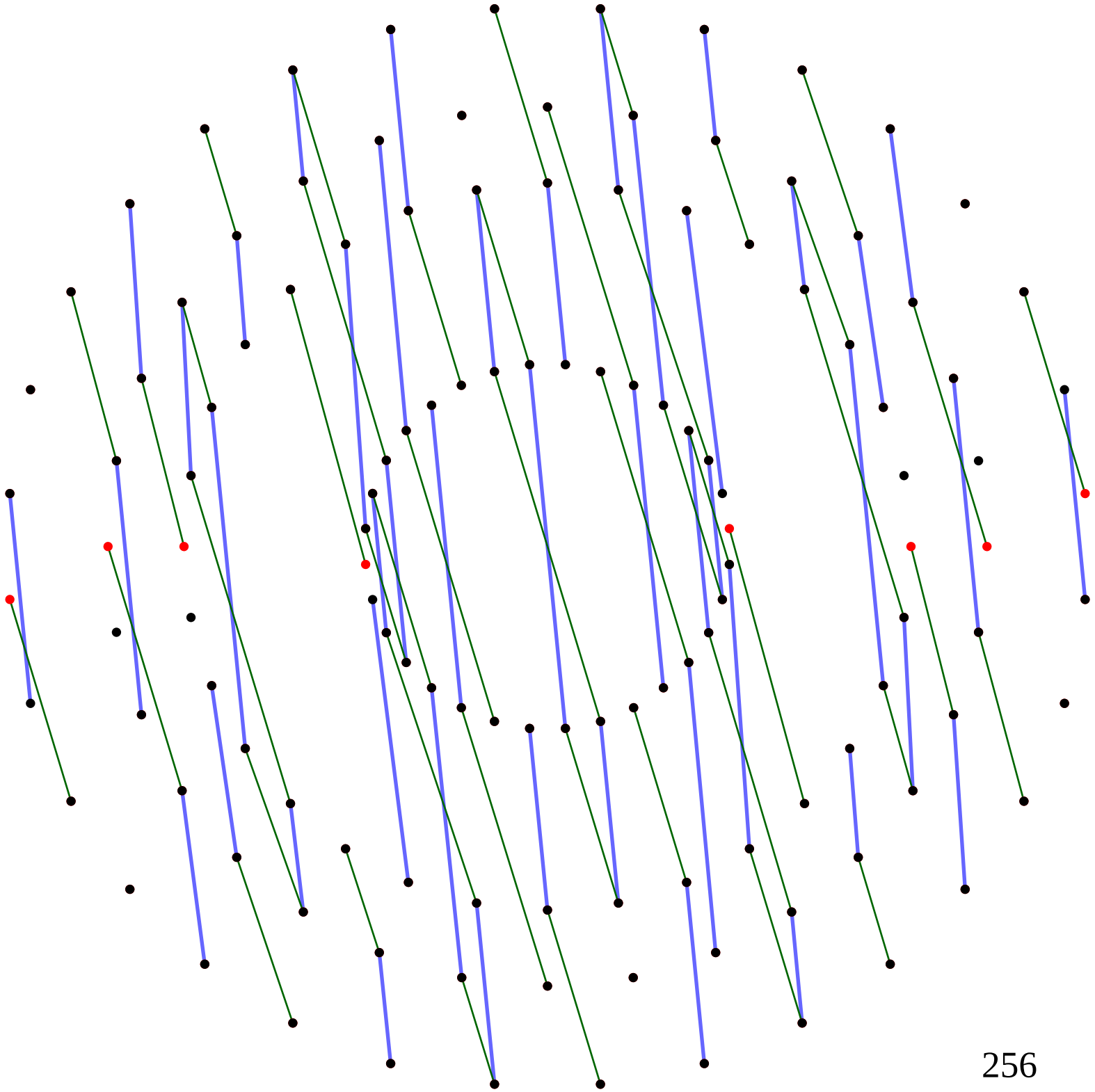
Negative root for generator 4.

Positive root for 121

Compatible



Negative root for generator 4.

Positive root for 343

Incompatible [Degree 1]