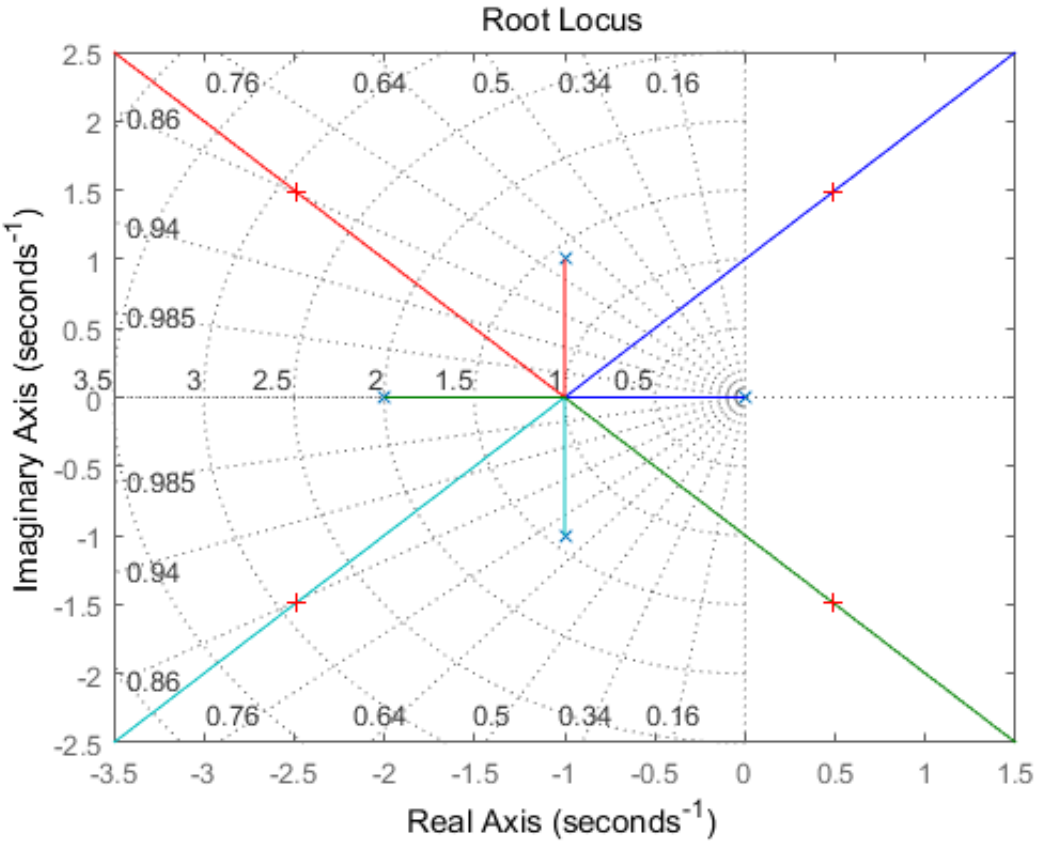
```
sys = tf(1 ,conv([1 2 0],[1 2 2]))
rlocus(sys)
sgrid
[gain,poles] = rlocfind(sys)
```

```
sys =

              1
  -------------------------
  s^4 + 4 s^3 + 6 s^2 + 4 s

Continuous-time transfer function.

Select a point in the graphics window

selected_point =

   0.4870 + 1.4861i


gain =

   20.5317


poles =

  -2.4865 + 1.4865i
  -2.4865 - 1.4865i
   0.4865 + 1.4865i
   0.4865 - 1.4865i
```



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