```
clc; clear; close all;
```

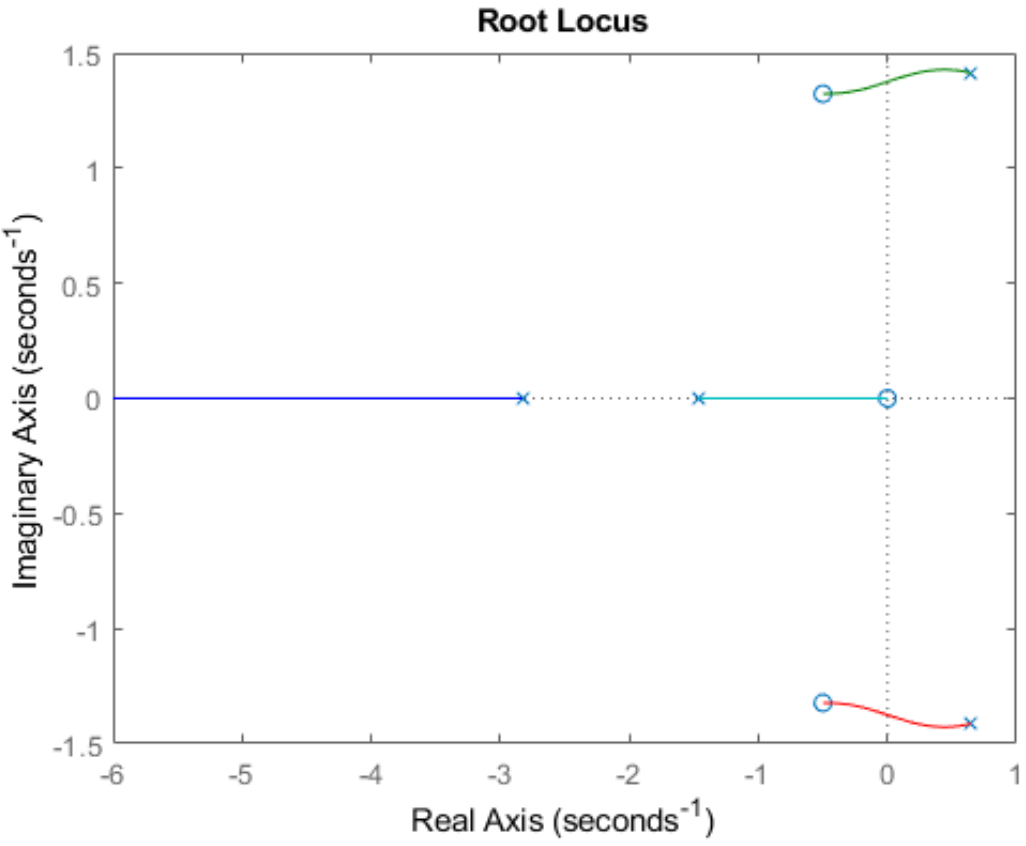
```
%9-15d)
num_GH_d=[1 1 2 0];
den_GH_d=[1 3 1 5 10];
GH_d=tf(num_GH_d,den_GH_d)
```

```
GH_d =

        s^3 + s^2 + 2 s
  ----------------------------
  s^4 + 3 s^3 + s^2 + 5 s + 10

Continuous-time transfer function.
```

```
figure(1);
rlocus(GH_d)
```




```
%9-35)
num_GH_d=[25 100 100];
den_GH_d=[1 10 29 40 100];
GH_d=tf(num_GH_d,den_GH_d)
```

```
GH_d =

         25 s^2 + 100 s + 100
  ---------------------------------
  s^4 + 10 s^3 + 29 s^2 + 40 s + 100

Continuous-time transfer function.
```

```
figure(2);
rlocus(GH_d)
```