

Soru 6-8

```
num=[0 0 1 0.5]
```

```
den=[1 1 0 1]
```

```
K=[0:0.2:1000]
```

```
r=rlocus(num,den,K)
```

```
plot(r,'o')
```

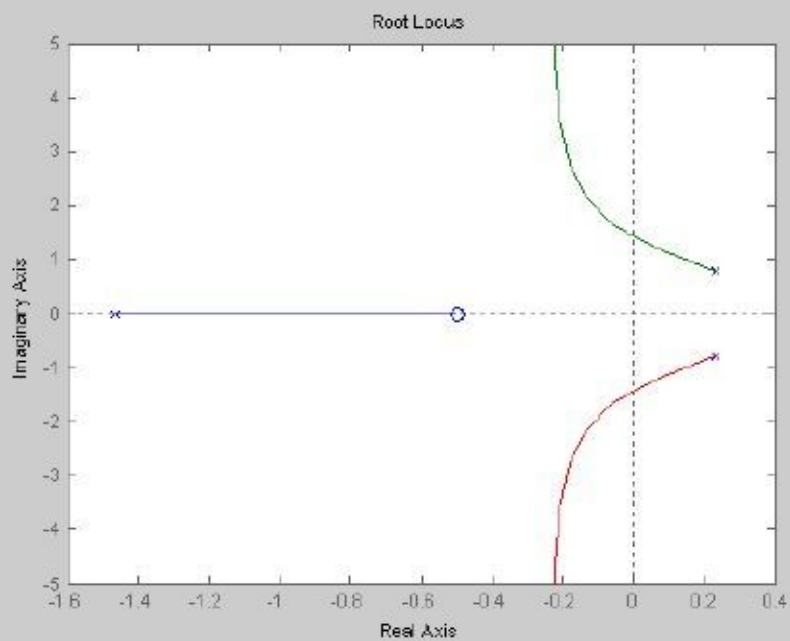
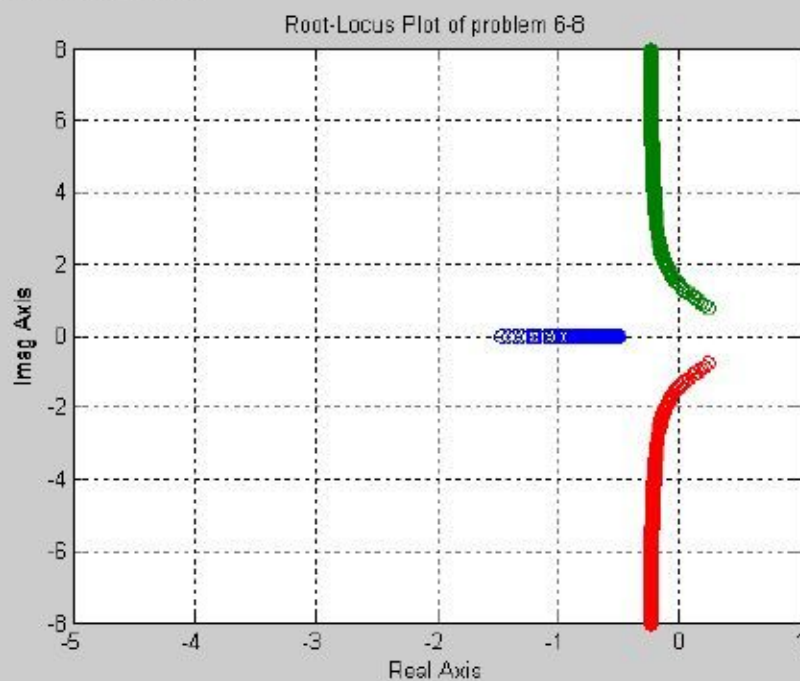
```
v=[-5 1 -8 8]; axis(v)
```

```
grid
```

```
title('Root-Locus Plot of problem 6-8')
```

```
xlabel('Real Axis')
```

```
ylabel('Imag Axis')
```



Soru 6-10

```
num=[0 0 0 2 2]
```

```
den=[1 7 10 0 0]
```

```
K=[0:0.2:1000]
```

```
r=rlocus(num,den,K)
```

```
plot(r,'o')
```

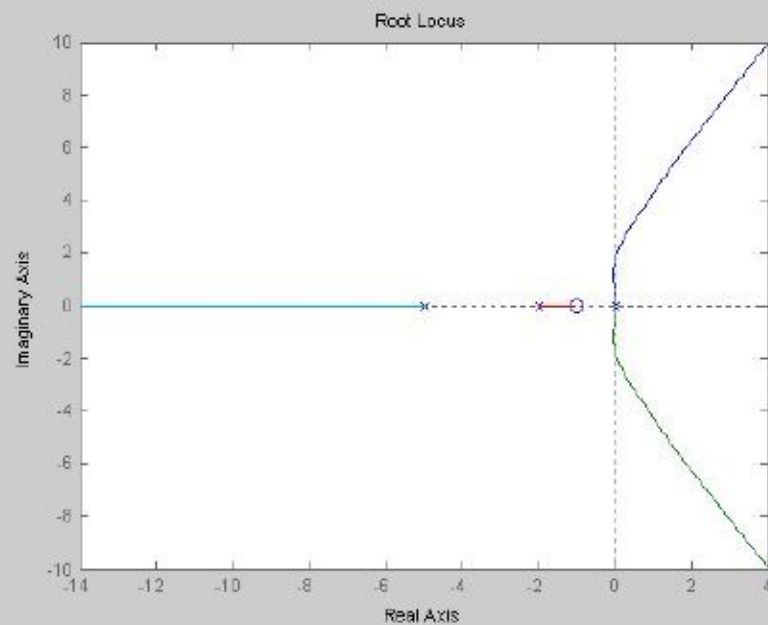
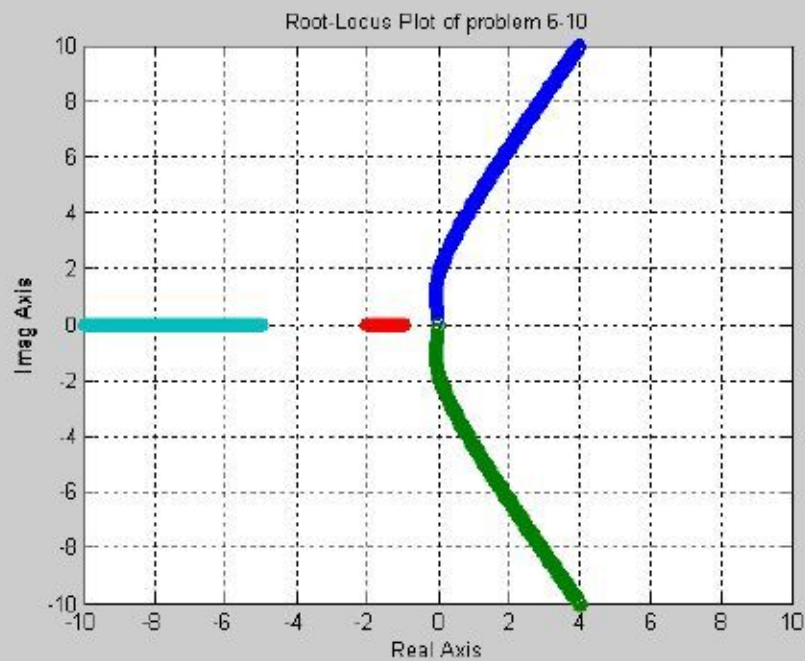
```
v=[-5 5 -10 10]; axis(v)
```

```
grid
```

```
title('Root-Locus Plot of problem 6-10')
```

```
xlabel('Real Axis')
```

```
ylabel('Imag Axis')
```



Soru 6-12

```
num=[0 0 0 1 1]
```

```
den=[1 4 11 14 10]
```

```
K=[0:0.2:1000]
```

```
r=rlocus(num,den,K)
```

```
plot(r,'o')
```

```
v=[-5 1 -5 5]; axis(v)
```

```
grid
```

```
title('Root-Locus Plot of problem 6-12')
```

```
xlabel('Real Axis')
```

```
ylabel('Imag Axis')
```

