
```
s = tf('s');
G = (100*(0.5*s+1))/(s*(0.2*s+1)*(s+10))
figure
margin(G)
figure
step(G/(1+G))
[Gm,Pm,Wcg,Wcp] = margin(G)
nyquist1(G)
```

$G =$

$$\frac{50 s + 100}{0.2 s^3 + 3 s^2 + 10 s}$$

Continuous-time transfer function.

$G_m =$

Inf

$P_m =$

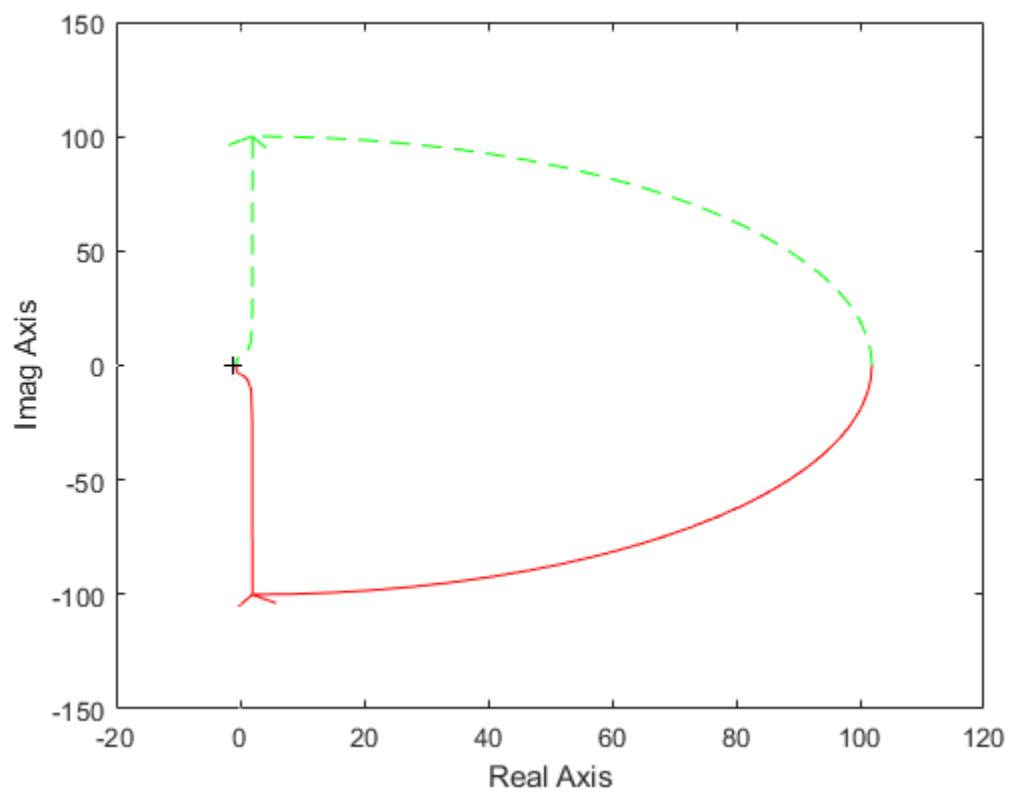
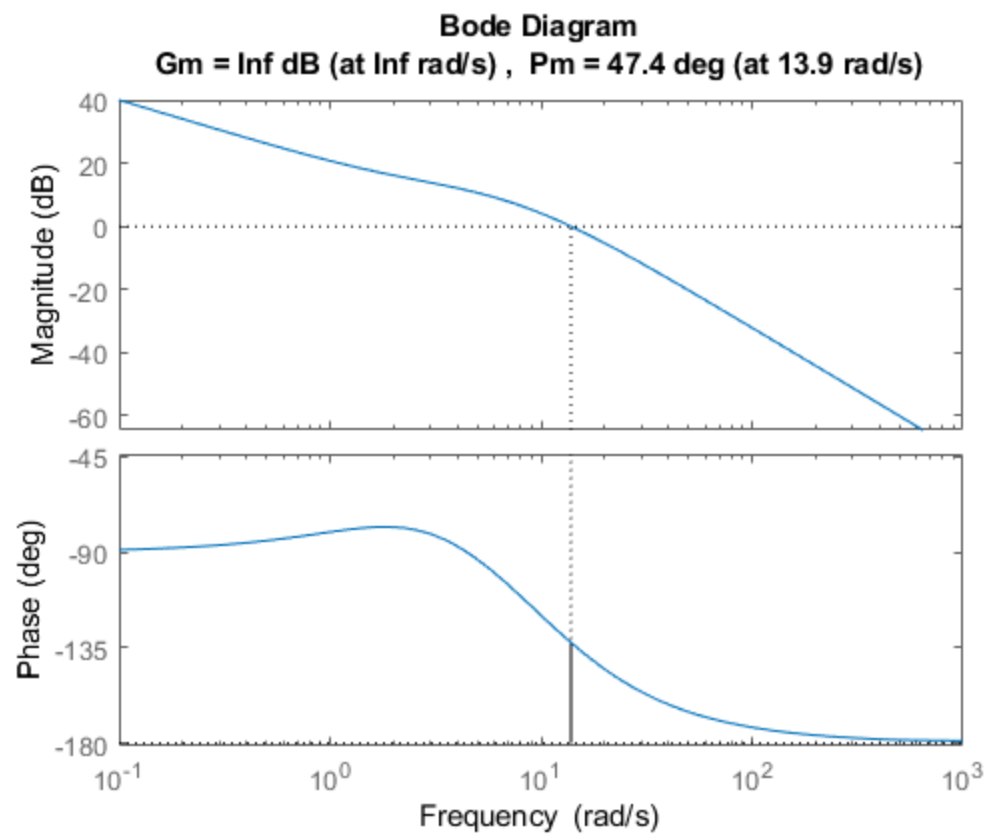
47.3637

$W_{cg} =$

Inf

$W_{cp} =$

13.8869



Published with MATLAB® R2021a