
```
P=tf(10,[1 2 5]);
C1=1;
C2=100;
% Op=1;
L1=series(C1,P);
L2=series(C2,P);
% H1=feedback(L1,1)
% H2=feedback(L2,1)
% S=1/(1+H);
figure(1)
bode(L1,L2);
figure(2)
nyquist(L1,L2);
legend('L1','L2');
[G1m,P1m,W1pc,W1gc]=margin(L1)
[G2m,P2m,W2pc,W2gc]=margin(L2)
```

G1m =

Inf

P1m =

44.2326

W1pc =

Inf

W1gc =

3.4879

G2m =

Inf

P2m =

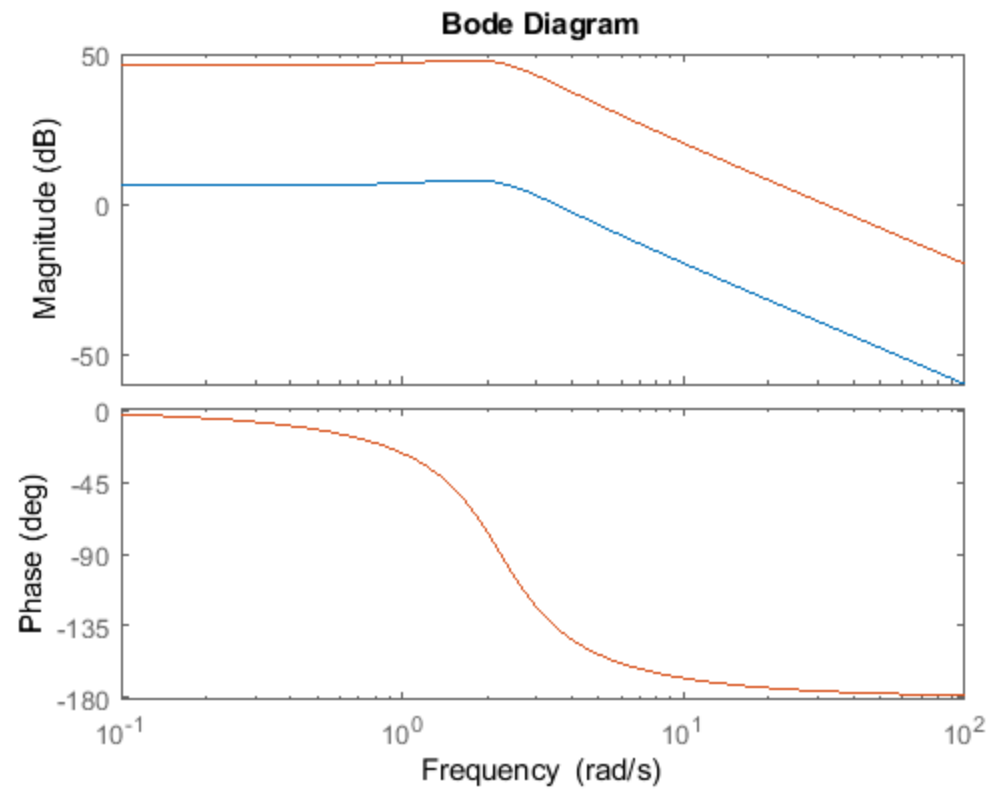
3.6316

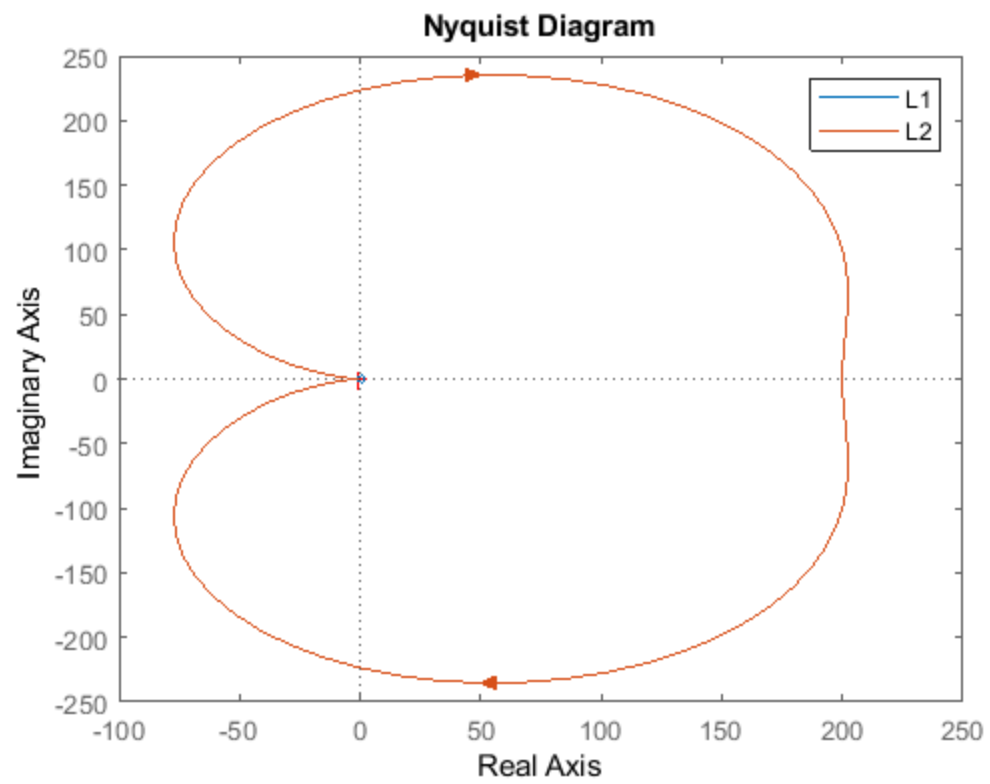
W2pc =

Inf

$W_{2gc} =$

31.6700





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