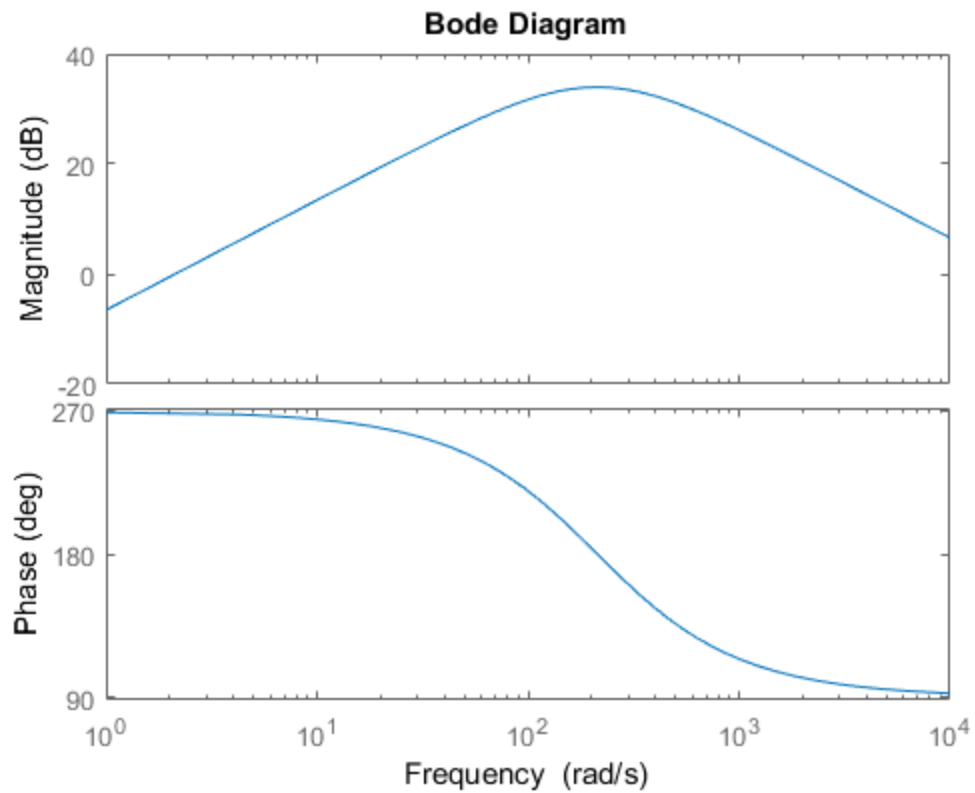


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```
% Richie Ngo, Johnny Zhu
% MIE 597G
% Lab #1: Analog Circuits
% Part 2.3

s = tf('s');
R1 = 4.7*10^3; % Ohms
R2 = 470*10^3; % Ohms
C1 = 1*10^-6; % Farads
C2 = .01*10^-6; % Farads
tau = R1*C1; % Time constant
G = R2*C1; % Gain
sys = -G*s/(tau*s+1)^2;
bode(sys);
```



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