

```
% bode_ex1.m

format compact
clc
clear

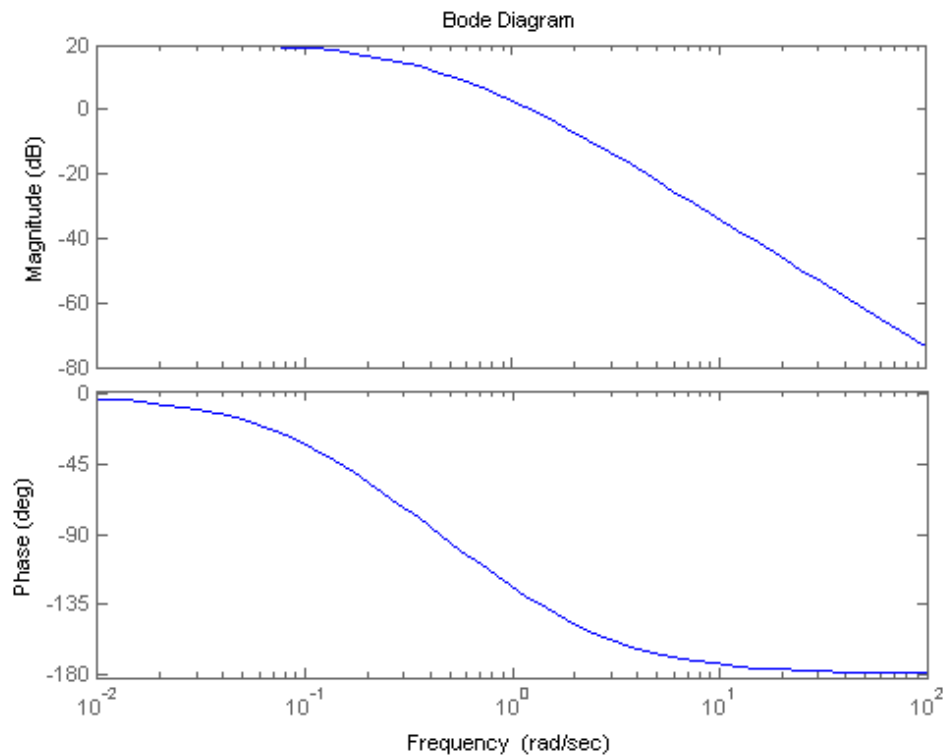
N = [10];
syms s;
% Dp = expand ((s + 1) * (5*s + 1)) % 5*s^2+6*s+1
D = [5 6 1];
G = tf (N, D)
bode (G)

% pause for the user and remove figures
% display ('Hit Enter to continue');
% pause
% close all
% clc
```

Transfer function:

10

5 s² + 6 s + 1



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