

Report on Lab 14m

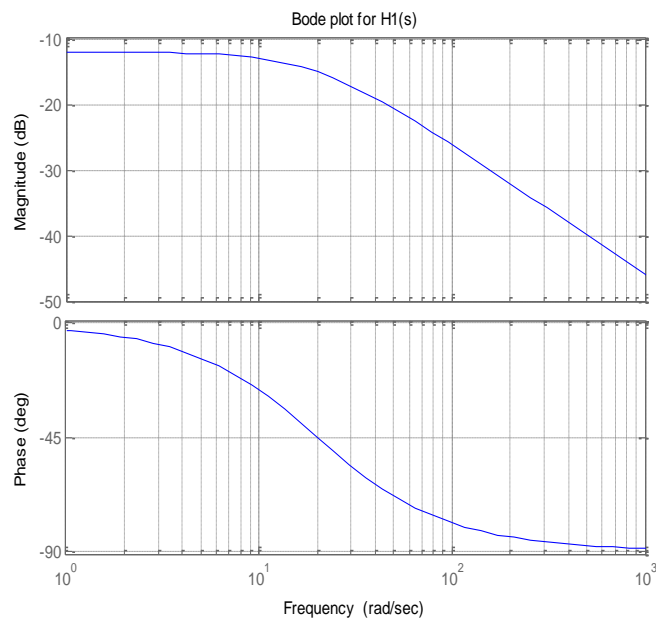
This report demonstrates coupling Matlab and Microsoft Word via *notebook*.

Bode and Step responses for H1(s)

```
%% H1(s)
clear all
s = tf('s');
H1 = 5/(s+20)
bode(H1)
grid on
title('Bode plot for H1(s)')
```

Transfer function:

$$\frac{5}{s + 20}$$



Bode plot for H2(s)

```
%% H2(s)
H2 = tf([1],[1 5 10])
bode(H2)
grid on
title('Bode plot for H2(s)')
```