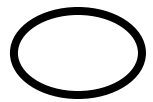


ID											Name:
----	--	--	--	--	--	--	--	--	--	--	-------

### Experiment #3: Frequency Response & Bode Plots



Lab Demonstration (see Step 5 and Step 9 in Lab Instructions, 2 marks in total).

Lab Data Collection (3 marks in total, ask TA to initialize all data during demo):

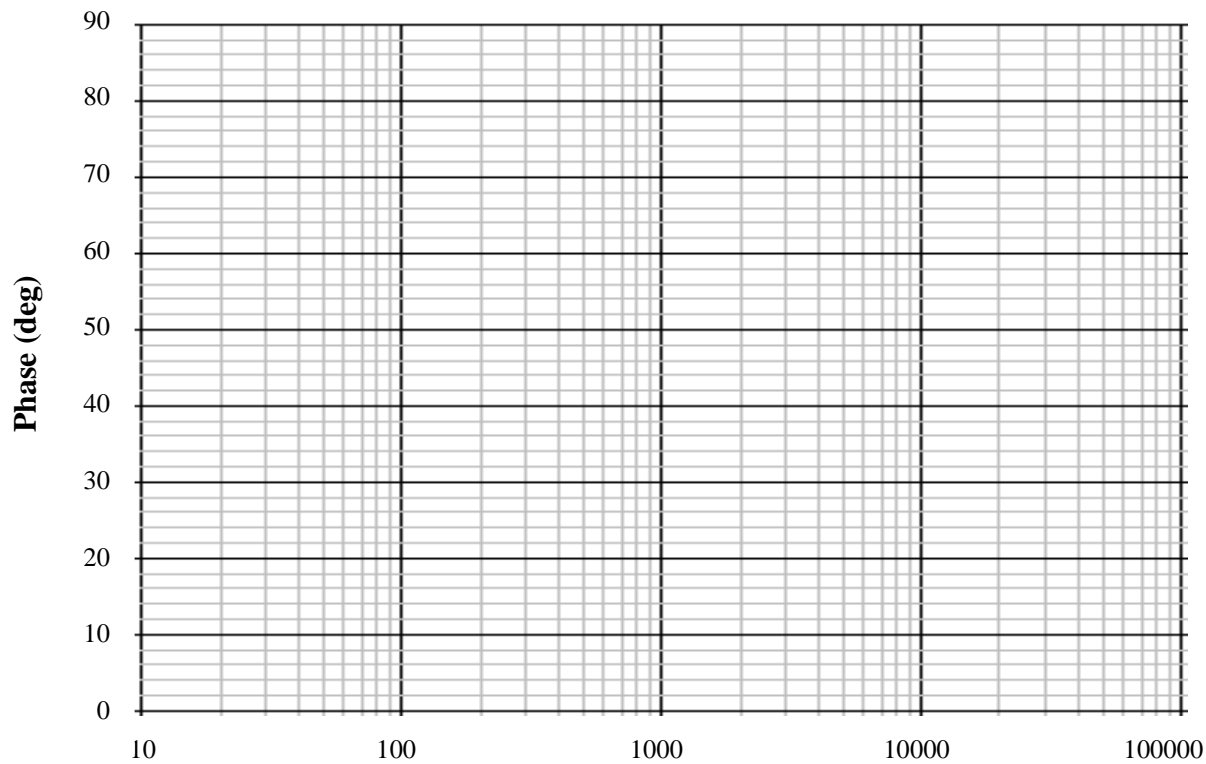
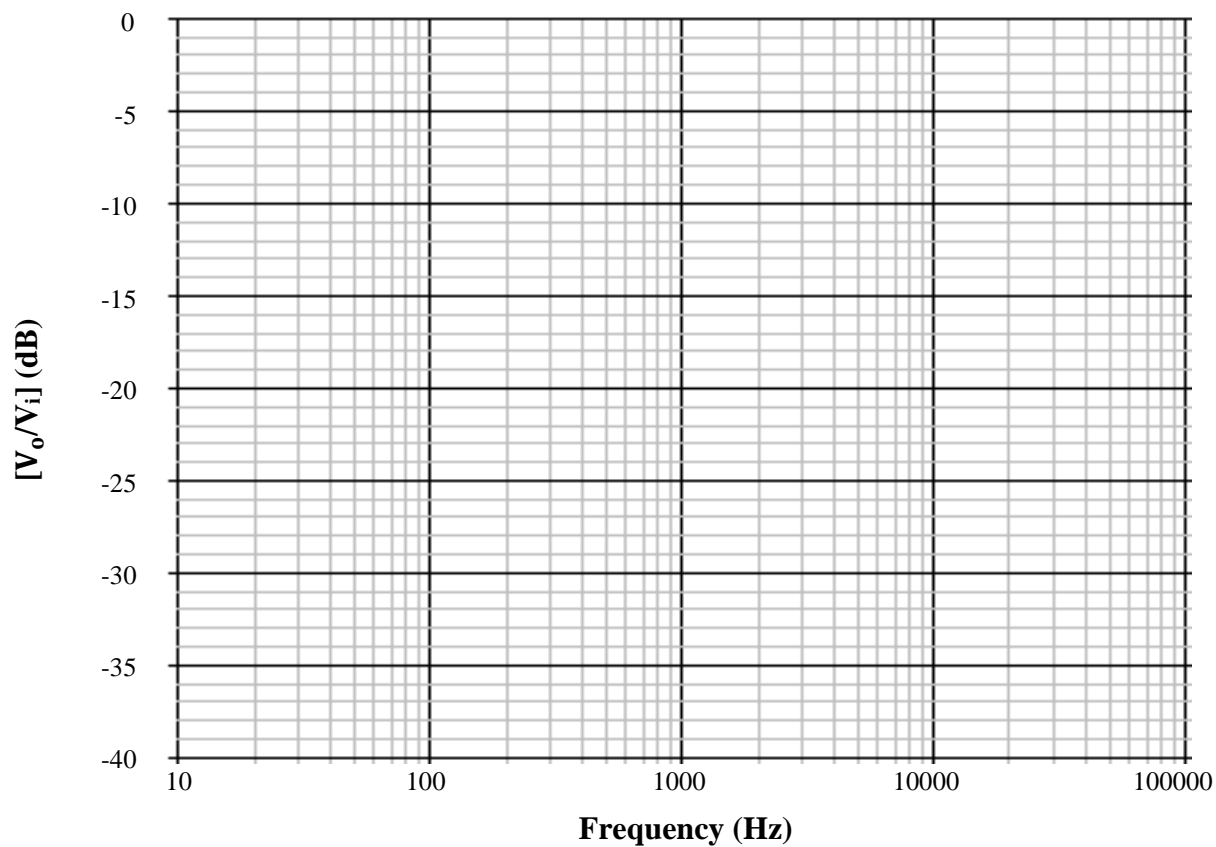
Table (3.1) (0.5 marks) TA Initial:

Frequency (Hz)	$V_o$ (dB)	$V_i$ (dB)	$ H(\omega) $ (dB)	$\angle H(\omega)^0$
20				
50				
100				
200				
500				
1k				
2k				
10k				
20k				
50k				
100k				

Table (3.2) (0.5 marks) TA Initial:

Frequency (Hz)	$V_o$ (dB)	$V_i$ (dB)	$ H(\omega) $ (dB)	$\angle H(\omega)^0$
20				
50				
100				
200				
500				
1k				
2k				
10k				
20k				
50k				
100k				

**Graph (3.1) (0.5 marks for each plot) TA Initial:**



Graph (3.2) (0.5 marks for each plot) TA Initial:

