EGR 261 Signals & Systems File: Frequency Response.opj

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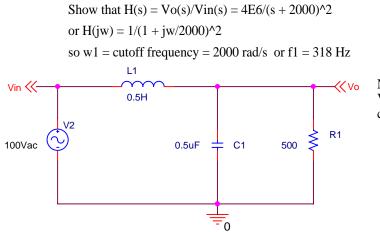
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## Frequency Response (Log-Magnitude and Phase)

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Purpose: Plot the log-magnitude (LM) and phase responses for H(s) = Vo(s)/Vin(s)Analysis: Perform an AC Sweep where frequency varies from 10 Hz to 10 kHz.



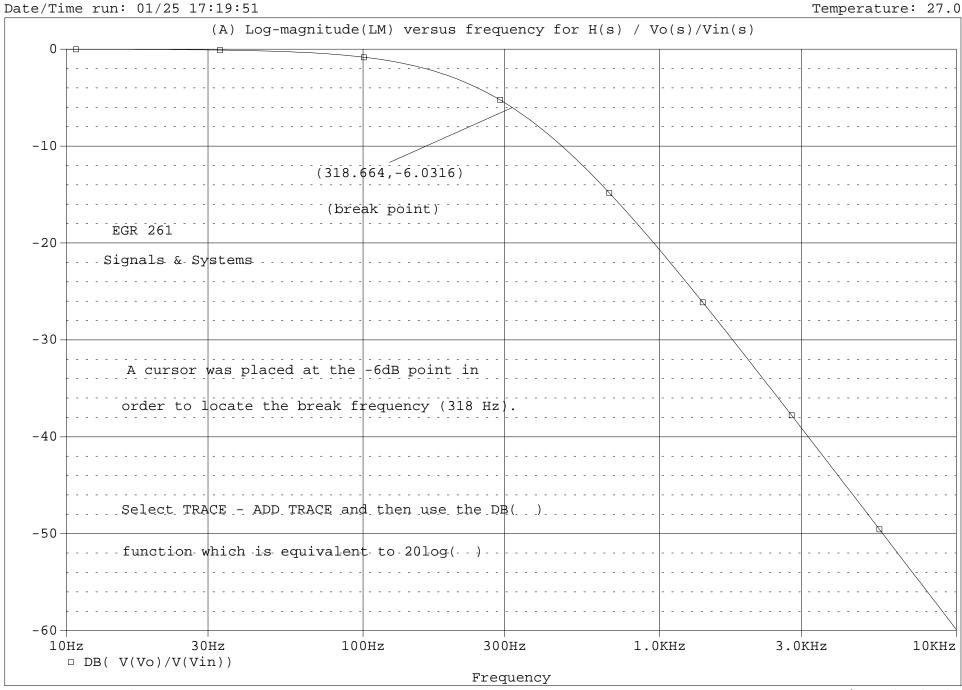
Note that OFFPAGE symbols were added so that Vin and Vo could be conveniently labeled on the circuit.

Use the source voltage VAC (not VSIN) with the AC Sweep command.

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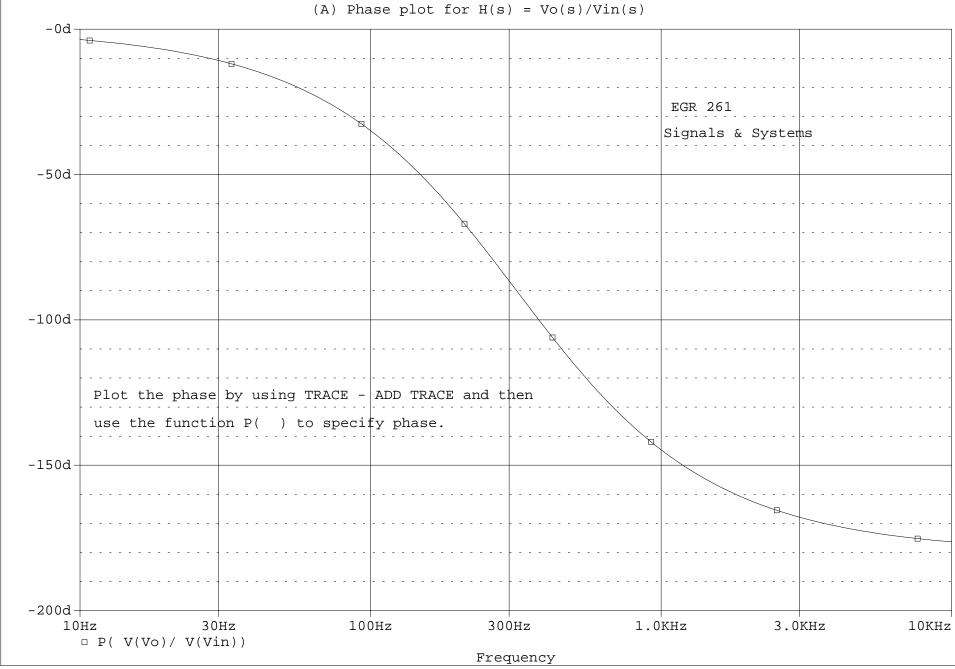
\*\* circuit file for profile: AC Sweep



## \*\* circuit file for profile: AC Sweep

## Date/Time run: 01/25 21:46:53

## Temperature: 27.0



Simulation Settings - AC Sweep			×
General Analysis Include Files	Libraries   Stimulus	Options Data Collection	Probe Window
Ac Sweep/Noise ▼ Options: General Settings Monte Carlo/Worst Case Parametric Sweep Temperature (Sweep) Save Bias Point Load Bias Point	AC Sweep Type C Linear C Logarithmic Decade Noise Analysis Enabled	Start Frequency:     End Frequency:     Points/Decade:     Output Voltage:     I/√ Source:     Interval:	10Hz 10kHz 50
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