



$V_i$  is a sinusoidal waveform with frequency  $\omega = 2\pi f$ .

- Calculate a (simplified) expression for  $H(\omega) = \frac{V_o}{V_i}$
  - What is  $H(\omega)$  when  $\omega \rightarrow 0$  (very low frequency)?
  - What is  $H(\omega)$  when  $\omega \rightarrow \infty$  (HF)?
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