Logarithm Review
Plotting on Logarithmic Axes

$\|H(j\omega)\|_{dB}$

$H(s) = s$

$+20\text{dB/dec}$
Single Pole Response
Asymptotic Behavior
Summary: Single Pole Magnitude

Fundamentals of Power Electronics 16 Chapter 8: Converter Transfer Functions
Phase of Single Pole
Phase Asymptotes

\[ f_a = \frac{f_0}{10} \]

\[ f_b = 10 f_0 \]