

ECE301 HW #1

The ratio of the voltages V_2/V_2' below is called the insertion ratio. It is similar to a transfer function. Let $V_2/V_2' = e^{-(\alpha+j\beta)}$.

1. Plot the magnitude of V_2/V_2' vs ω :
 - a. as a ratio.
 - b. in dB.
2. Plot α in nepers vs ω .
3. Plot β in degrees vs ω .

