

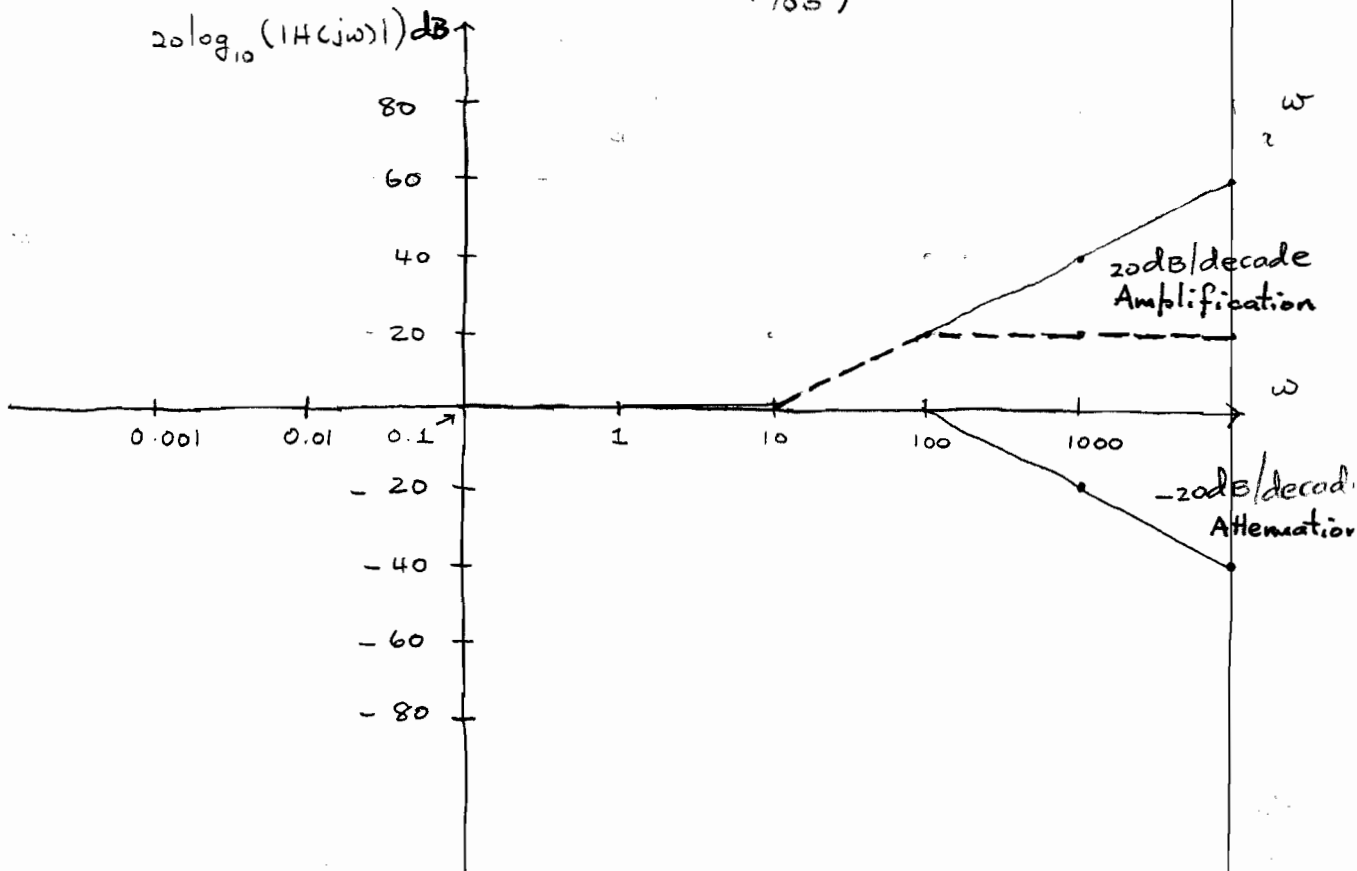
$$H(j\omega) = \frac{j\omega + a}{j\omega + b} = \frac{k \left(1 + \frac{j\omega}{a}\right)}{\left(1 + \frac{j\omega}{b}\right)}$$

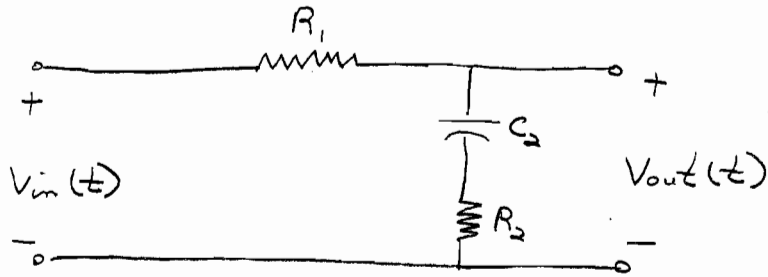
$$|H(j\omega)| = k \frac{\sqrt{\omega^2 + a^2}}{\sqrt{\omega^2 + b^2}} \quad \therefore k = \frac{a}{b} < 1$$

$$20 \log_{10} \{ |H(j\omega)| \} = 10 \log_{10} (\omega^2 + a^2) - 10 \log_{10} (\omega^2 + b^2) + 20 \log_{10} (k)$$

$$\theta(\omega) = \tan^{-1} \left(\frac{\omega}{a} \right) - \tan^{-1} \left(\frac{\omega}{b} \right)$$

$$H(j\omega) = \frac{1 + \left(\frac{j\omega}{10}\right)}{1 + \left(\frac{j\omega}{100}\right)}$$



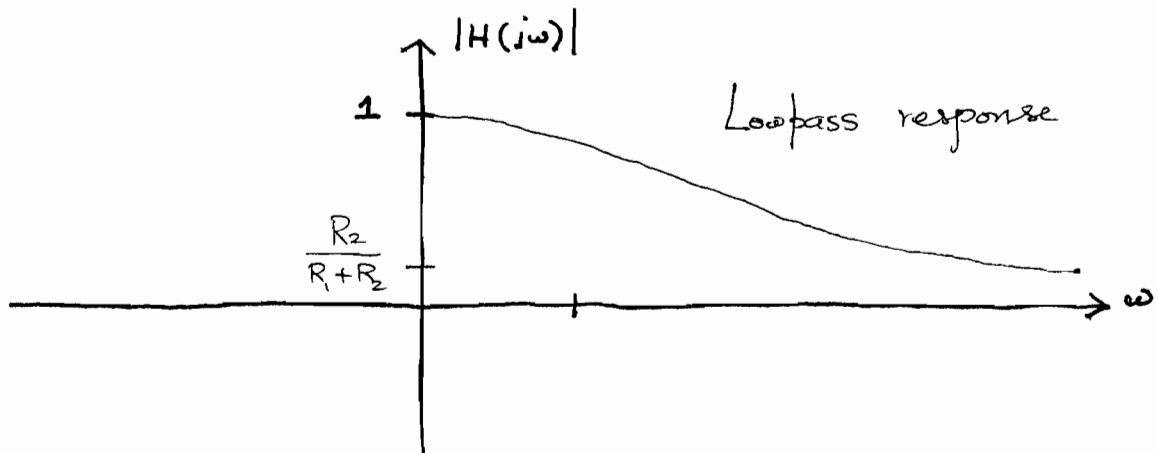


$$\frac{V_{out}(j\omega)}{V_{in}(j\omega)} = H(j\omega) = \frac{\frac{1}{j\omega C_2} + R_2}{R_1 + R_2 + \frac{1}{j\omega C_2}}$$

$$H(j\omega) = \frac{1 + j\omega R_2 C_2}{(R_1 + R_2)j\omega C_2 + 1}$$

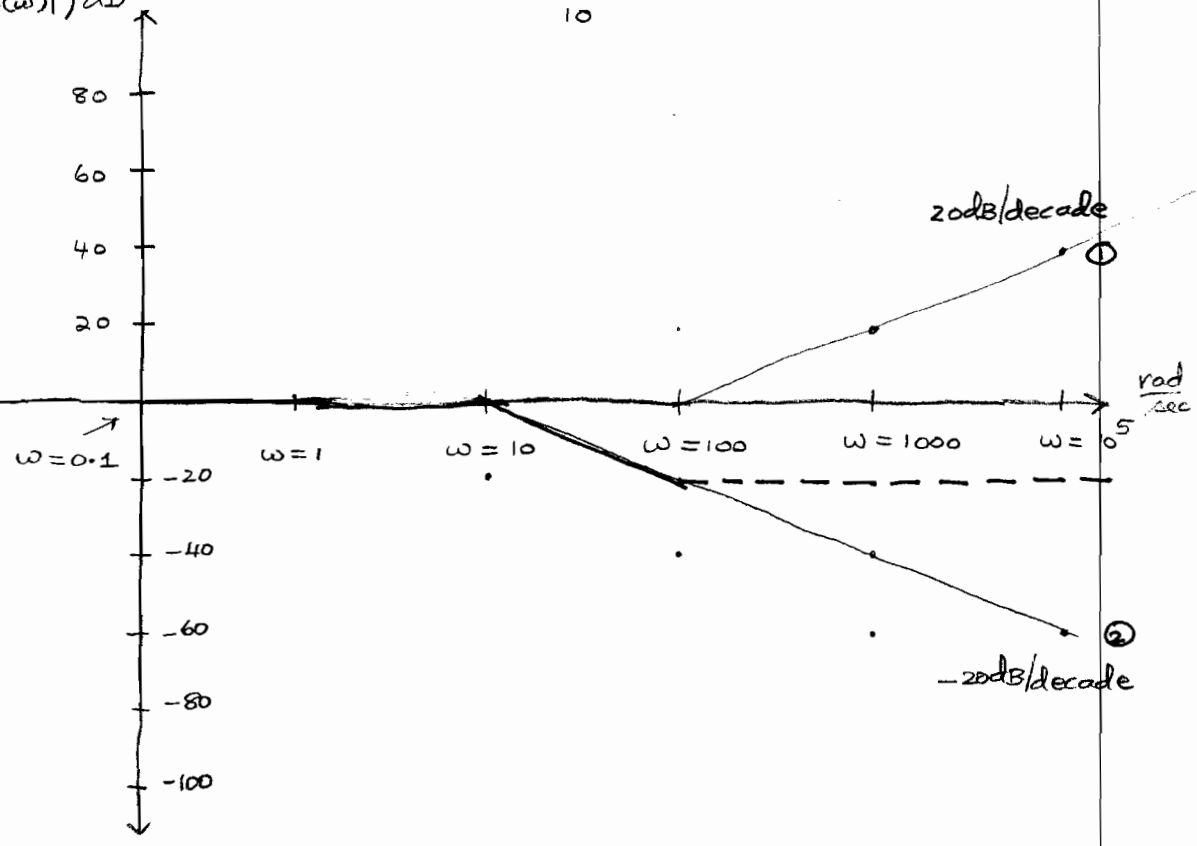
$$H(j\omega) = \frac{j\omega + \frac{1}{R_2 C_2}}{\frac{1}{R_2 C_2} + j\omega \left(\frac{R_1 + R_2}{R_2}\right)}$$

$$H(j\omega) = \left(\frac{R_2}{R_1 + R_2}\right) \frac{j\omega + \frac{1}{R_2 C_2}}{j\omega + \frac{1}{(R_1 + R_2) C_2}} = K \frac{j\omega + a}{j\omega + b}$$

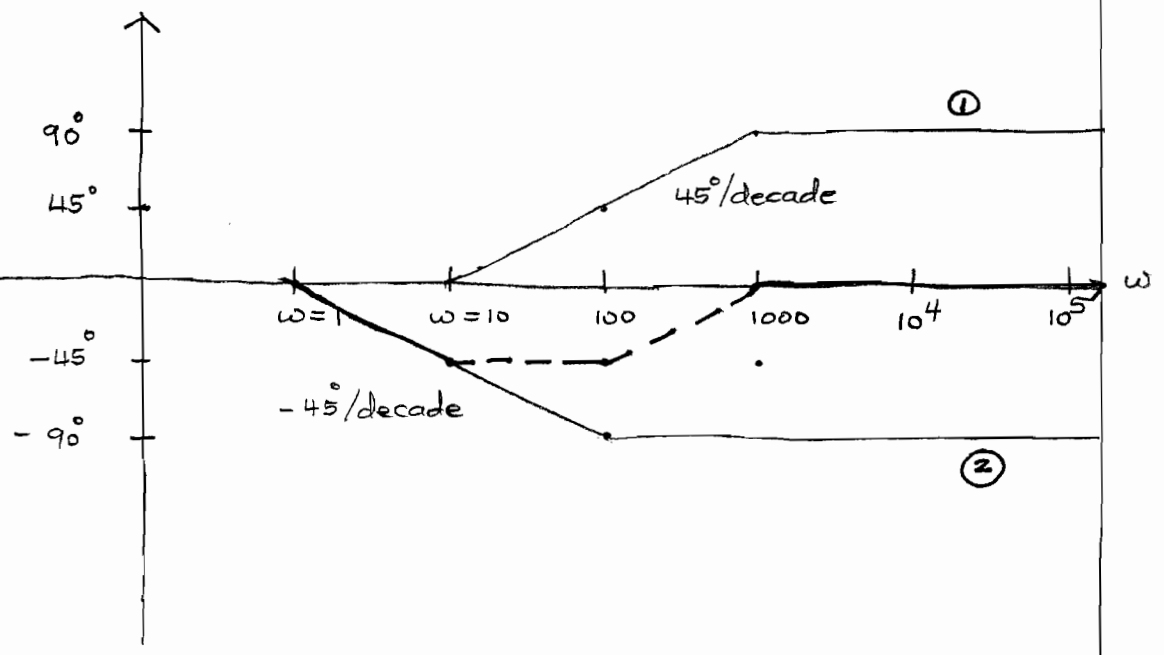


$$H(j\omega) = \frac{1 + \frac{j\omega}{100}}{1 + \frac{j\omega}{10}}$$

$20 \log_{10}(|H(j\omega)|) \text{ dB}$



$\angle H(j\omega)$ in degrees



13 282
50 SHEETS PER 8 SQUARE
50 SHEETS PER 10 SQUARE
42 382
100 SHEETS PER 8 SQUARE
42 389
200 SHEETS PER 8 SQUARE
42 396
200 SHEETS PER 10 SQUARE
42 396
200 RECYCLED WHITE 8 SQUARE
200 RECYCLED WHITE 10 SQUARE
Made in U.S.A.

