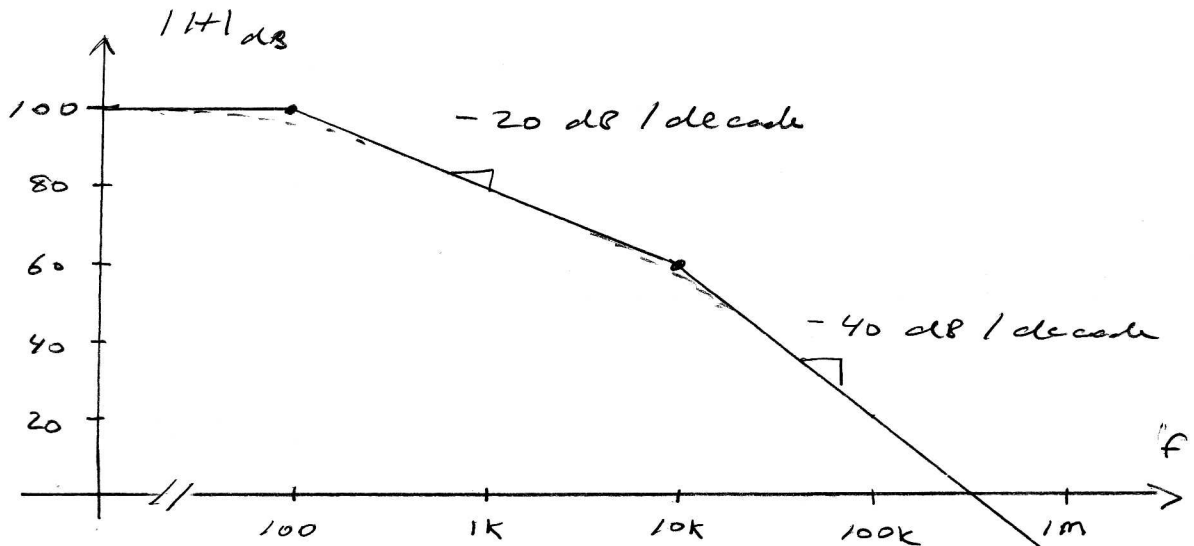


$$H = \frac{100,000}{\left[1 + j\left(\frac{f}{100}\right)\right]\left[1 + j\left(\frac{f}{10,000}\right)\right]}$$

$$f \ll 100 \quad |H| = 100,000 \rightarrow 100 \text{ dB}$$



$$f \ll 100 \quad \angle H = 0$$

$$f = 100 \quad \angle H = -45^\circ$$

$$f = 10K \quad \angle H = -135^\circ$$

$$f \gg 10K \quad \angle H \rightarrow -180^\circ$$

