

$$b) |H(j\omega)| = \frac{\sqrt{\omega^4}}{[(\omega_0^2 - \omega^2)^2 + \omega^2(\omega_0 Q)^2]^{1/2}} \Rightarrow \lim_{\omega \rightarrow 0} |H(j\omega)| = 0$$

$$\lim_{\omega \rightarrow \infty} |H(j\omega)| = 1 \Rightarrow 20 \log |1| = 0 \text{ dB} \Rightarrow \text{asintota con pendiente de } 0 \text{ dB}$$