

$$H(s) = \frac{V_2(s)}{V_1(s)} = \frac{Z_1}{Z_1 + Z_2} = \frac{Y_2}{Y_1 + Y_2}$$

$$H(s) = \frac{\frac{1}{sL}}{\frac{1}{sL} + sC + \frac{1}{R}}$$

$$H(s) = \frac{1}{1 + s^2 LC + sL/R} = \frac{1/LC}{s^2 + s \cdot \frac{1}{RC} + 1/LC}$$

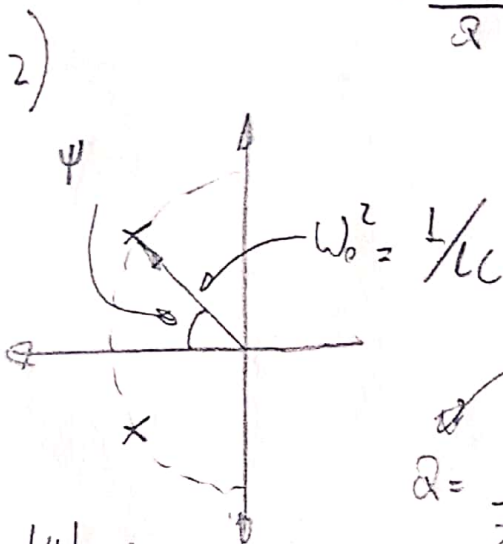
Si $H(s) = \frac{\omega_0^2}{s^2 + s \cdot \frac{\omega_0}{Q} + \omega_0^2}$

$$\omega_0^2 = \frac{1}{LC}$$

$$\frac{\omega_0}{Q} = \frac{1}{RC}$$

$$Q = R \cdot C \cdot \omega_0 = R \cdot C \sqrt{\frac{1}{LC}}$$

$$Q = \sqrt{\frac{R^2 \cdot C}{L}}$$



$$Q = \frac{\omega_0}{Z \cos \psi}$$

