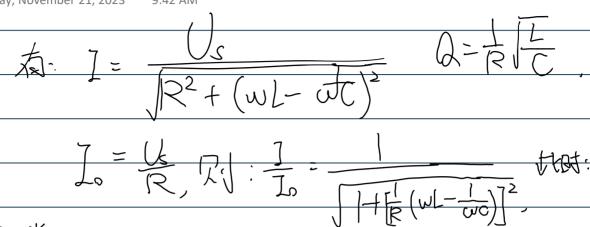
相对通频带与半功率点推导

Tuesday, November 21, 2023



$$\frac{\omega_1}{\omega_0} \int_{C}^{L} - \frac{\omega_0}{\omega_1} \int_{C}^{L} = R, \quad \Rightarrow \frac{\omega_1}{\omega_0} - \frac{\omega_0}{\omega_1} = \frac{1}{\alpha}$$

$$\frac{\omega_1 + \omega_2}{\omega_0} = \omega_0 \left(\frac{\omega_1 + \omega_2}{\omega_1 + \omega_2} \right) => \omega_1 \omega_2 = \omega_0^2 \quad 0$$

$$\frac{Z'}{W_0} = \frac{W_0 \left(\frac{W_z - W_1}{W_1 W_z} \right) - \frac{2}{Q_0}}{\frac{Q_0}{W_1 W_2}}$$