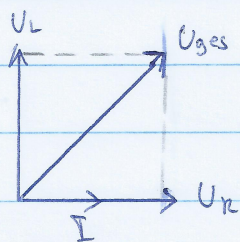


$$Q = \frac{\omega L}{R}$$

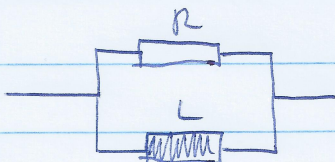
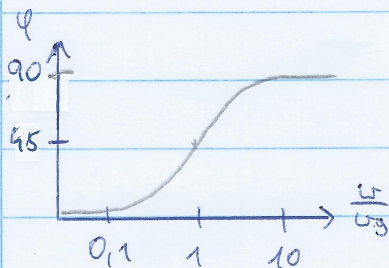
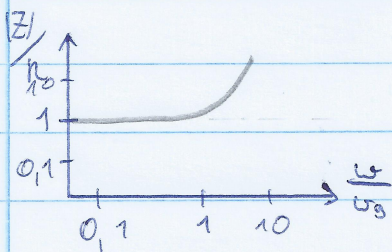
$$\tau = \frac{L}{R}$$

$$Z = R + j\omega L$$

$$|Z| = \sqrt{R^2 + (\omega L)^2}$$



$$\varphi = \arctan\left(\frac{\omega L}{R}\right)$$

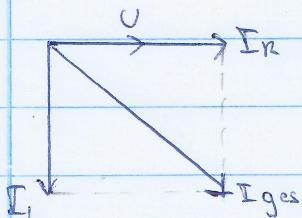


$$Q = \frac{R}{\omega L}$$

$$\tau = \frac{L}{R}$$

$$Z = \frac{R \cdot j\omega L}{R + j\omega L}$$

$$|Z| = \frac{\omega R L}{\sqrt{R^2 + \omega^2 L^2}}$$



$$\varphi = 90^\circ - \arctan\left(\frac{\omega L}{R}\right)$$

