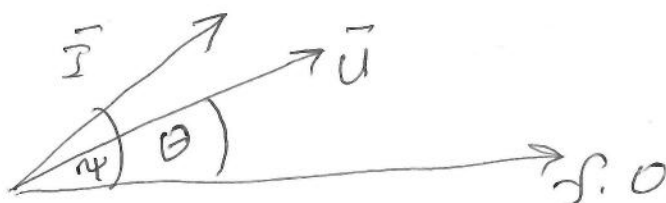


Представь преко fczov

4

$$\bar{U} = U e^{j\theta}$$

$$\bar{I} = I e^{j\psi}$$



$$\frac{\bar{U}}{\bar{I}} = \frac{U e^{j\theta}}{I e^{j\psi}} = \frac{U}{I} e^{j(\theta - \psi)}$$

$$\theta - \psi = \varphi$$

$$= Z e^{j\varphi} = \bar{Z}$$

Impedance

kompleksna impedans

$$\bar{Z} = a + j'b$$

otpornost, realni deo

$$Z = \sqrt{a^2 + b^2}$$

$$\cos \varphi = \frac{a}{\sqrt{a^2 + b^2}}$$

