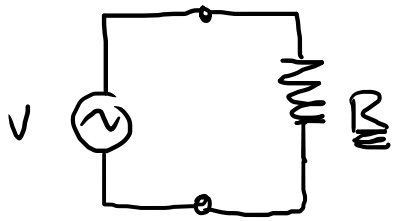

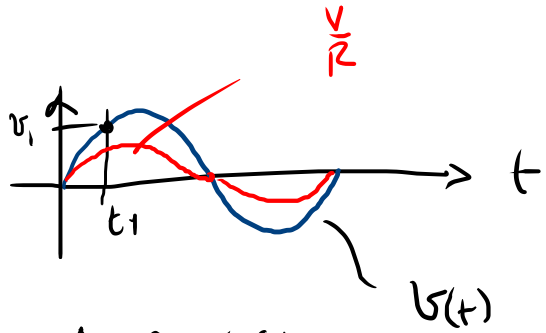

A, φ (f)

$v(t) = V \cdot \cos(\omega t)$ $\qquad \omega = 2\pi f$

$V = IR \qquad I = \frac{V}{R} \rightsquigarrow i(t) = \frac{1}{R} \cdot V \cdot \cos(\omega t) = \frac{V}{R} \cos(\omega t)$

$\Rightarrow$

$\tilde{V} = (A, \varphi) \rightsquigarrow$

$\bar{I} = \frac{\bar{V}}{R}$

$\tilde{I} = (\sim, \varphi)$