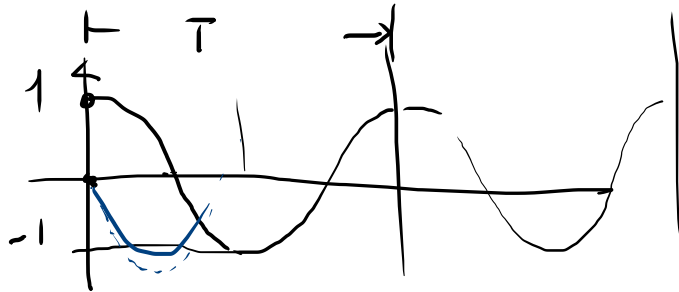
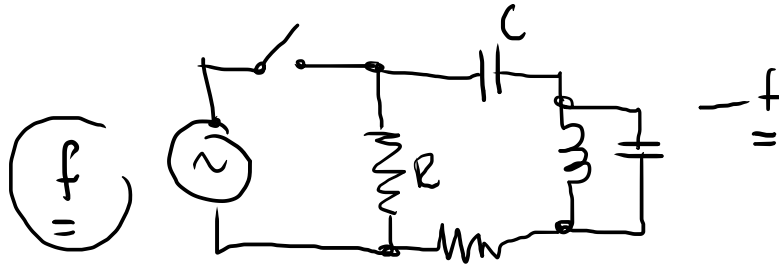
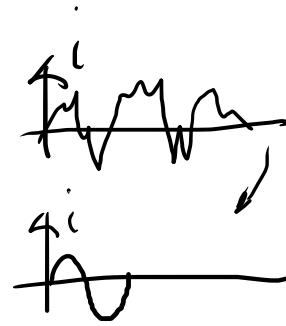
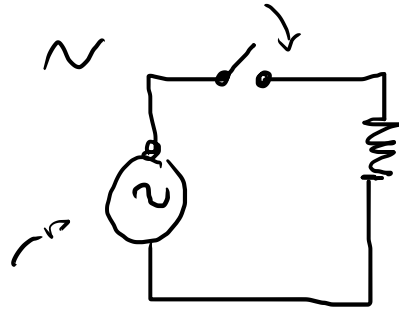
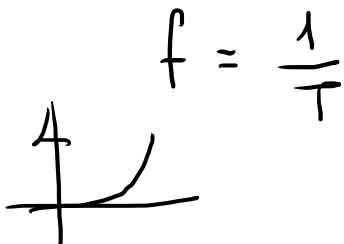


$$V = IR$$



$$\begin{aligned} \underline{v}(t) &= \underline{A} \cdot \cos(\omega t + \underline{\varphi}) = \\ &= 50 \cdot \cos(\omega t + \underline{\varphi}) = \\ &\quad \underline{90^\circ} \end{aligned}$$

$$\omega = 2\pi \underline{f}$$



$$f = \frac{1}{T}$$

e^x

$$\underline{\bar{V}} = (\underline{A}, \underline{\varphi}) = \underline{A \cdot e^{i\varphi}}$$