

4. feladat

$$R = \frac{U}{I} \quad I = C \frac{dU}{dt} \quad U = L \frac{dI}{dt}$$

$$[I] = ??? \rightarrow k\Omega = \frac{V}{[I]} \rightarrow [I] = \frac{V}{k\Omega} \rightarrow [I] = mA = \frac{V}{k\Omega}$$

$$[L] = ??? \rightarrow L = U \frac{dt}{dI} \rightarrow [L] = V \frac{[t]}{mA} \rightarrow [t] = \mu F \frac{V}{mA} = ms \rightarrow [L] = V \frac{ms}{mA} = H$$