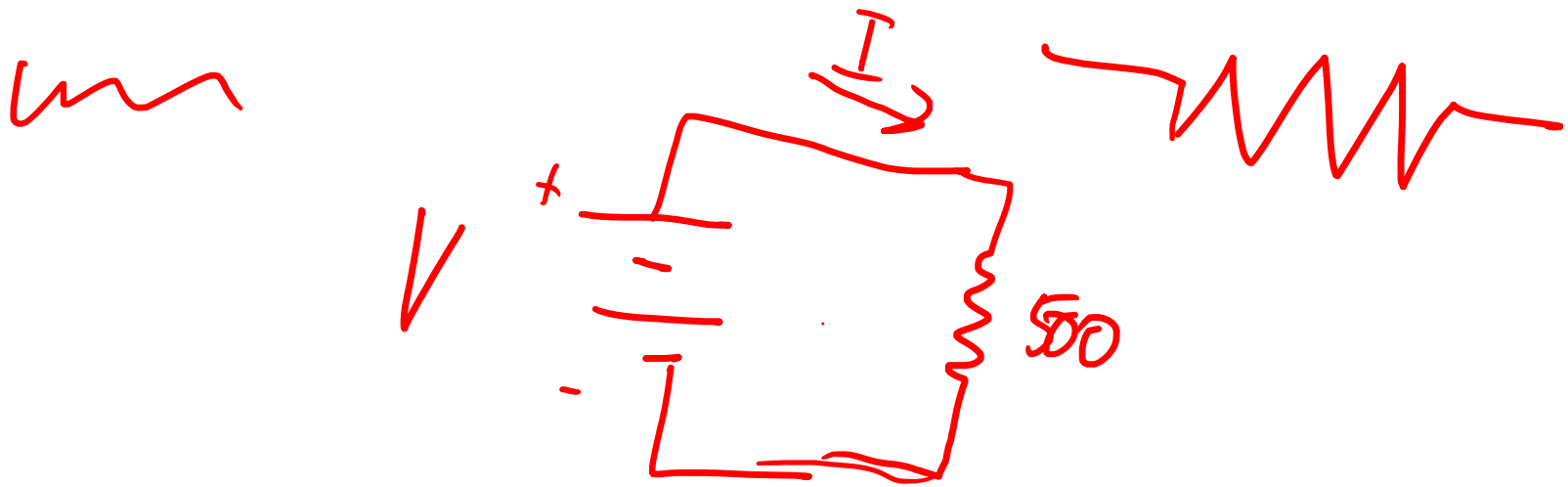
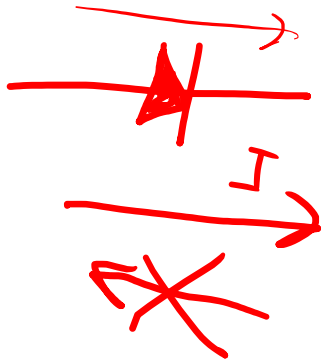
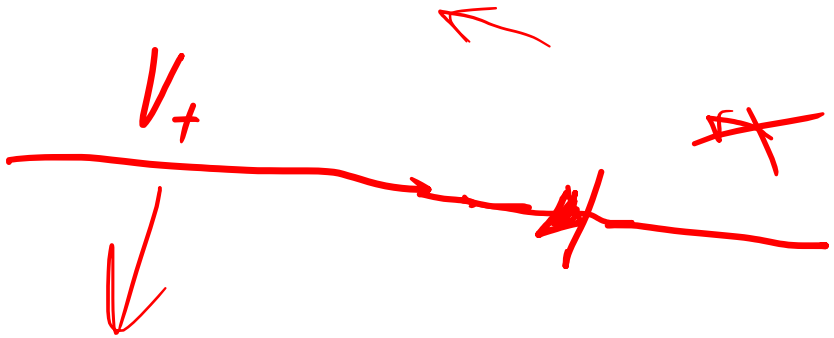


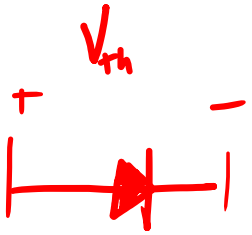
$$V = IR$$

0th



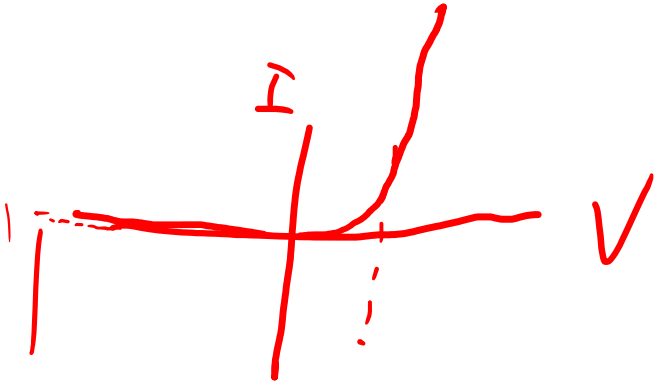


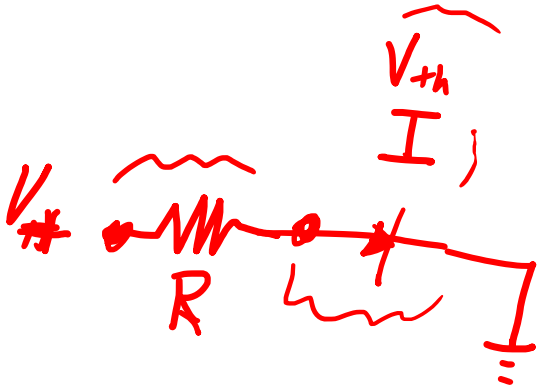
1st



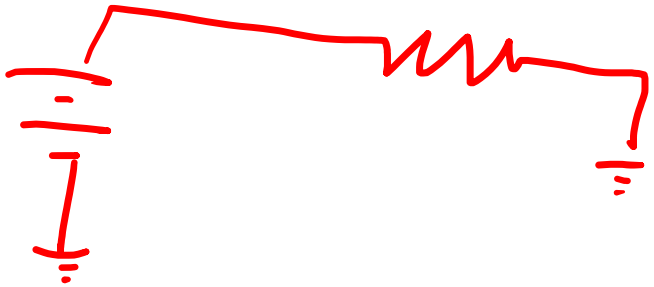
0.6 V

2nd





$$\rightsquigarrow E = hf = \frac{hc}{\lambda}$$



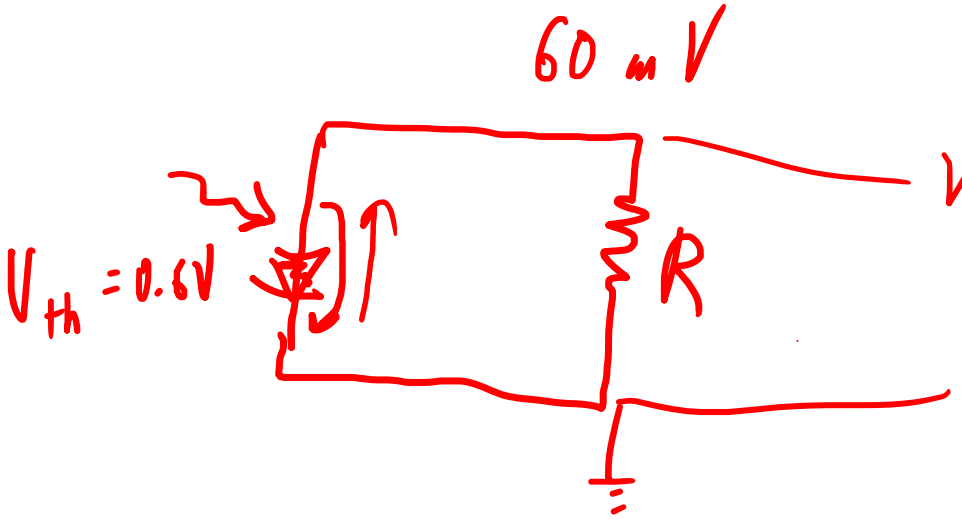
$$V_R \rightsquigarrow V_+ = V_R + V_{th}$$

$$V_R = V_+ - V_{th} = IR$$

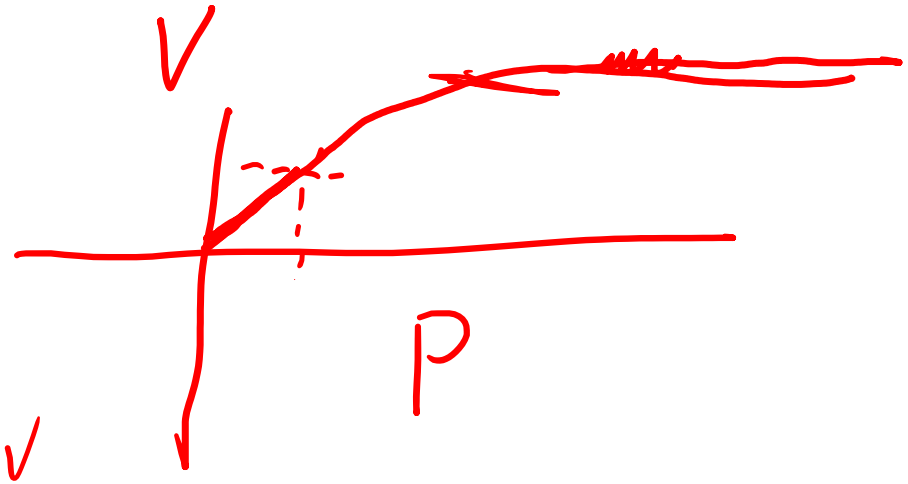
$$R = \frac{V_R}{I} = \frac{V_+ - V_{th}}{I}$$

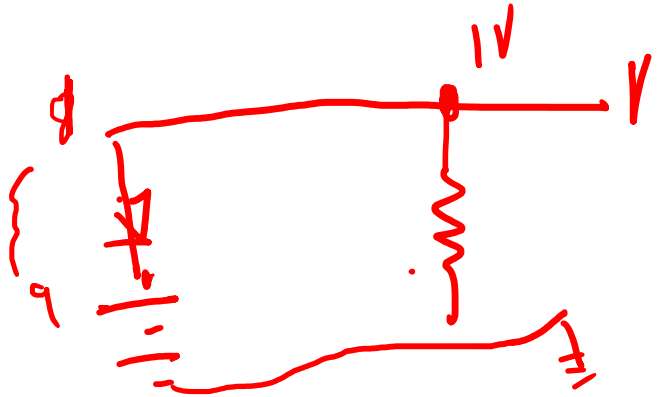
$I = AP$

Σ dep. on λ



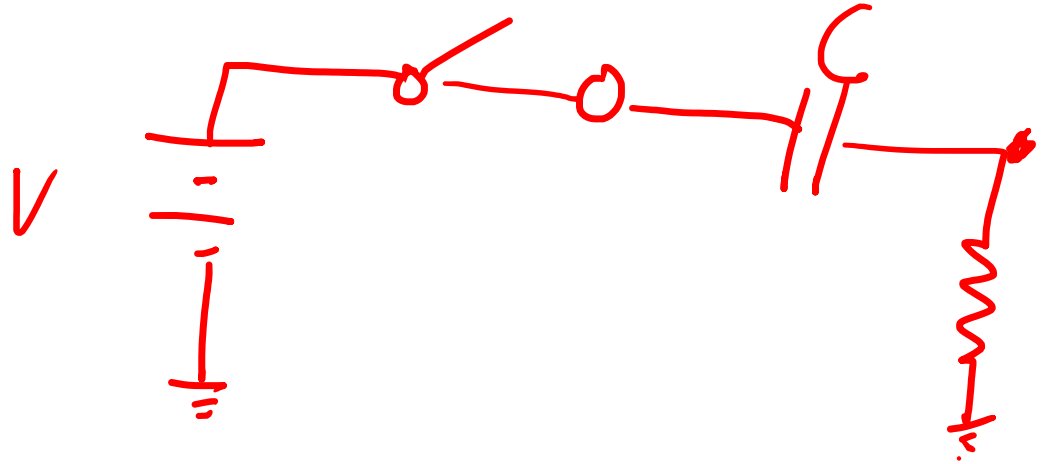
$V = IR = APR$

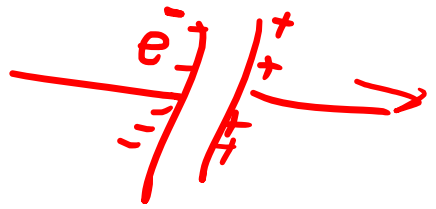


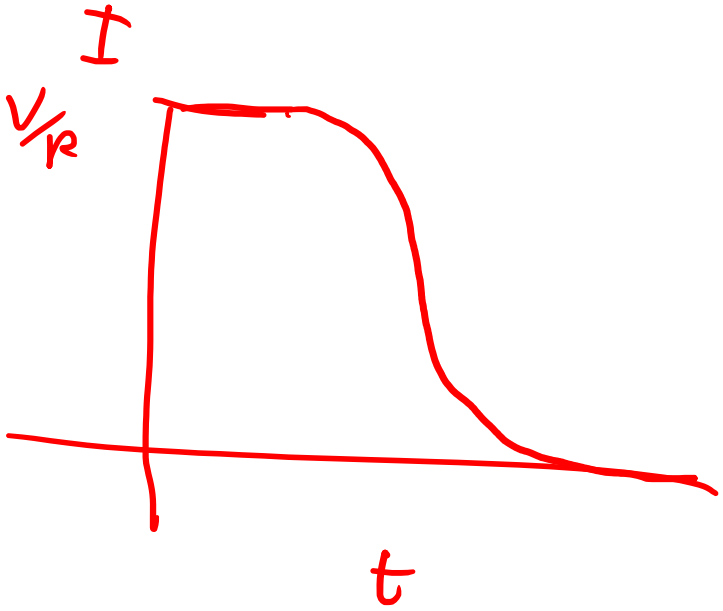


9.6 V

9.06 V

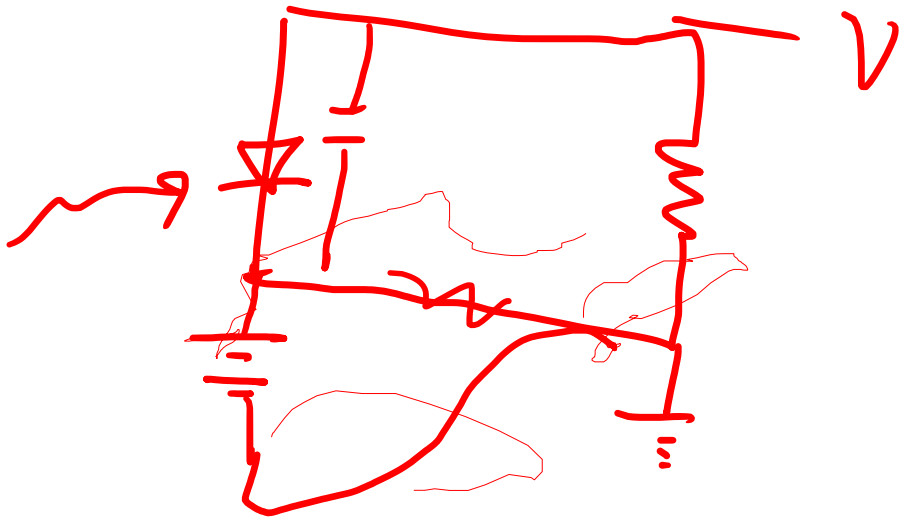

V
C
R

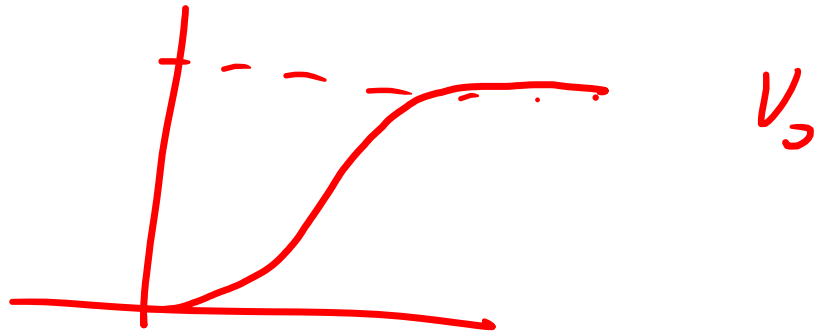

e⁻


I
V/R
t


V_R
V


K
V





$$V = V_0 e^{-\frac{t}{\tau}}$$

$$\tau = RC$$