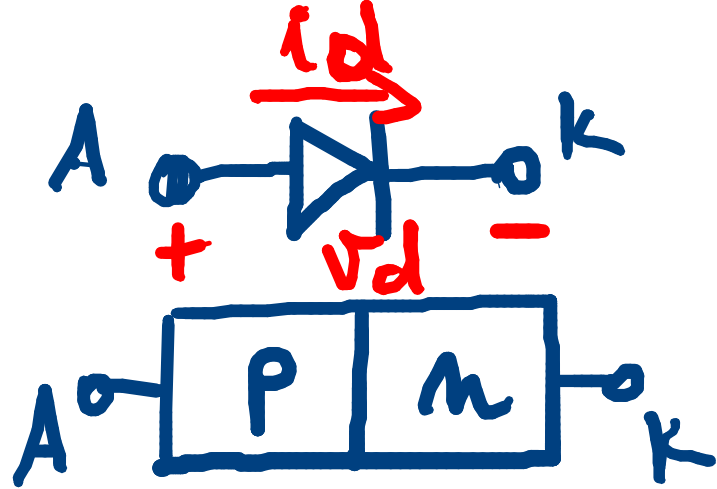


$$E_{cs} = (R_{cs} + R_c)I + E_c$$

$$\frac{E_{cs} - E_c}{R_{cs} + R_c} = I$$

$$Z(s) = \frac{1}{Cs}$$

$$Ls$$



SCHOCKLEY

$$i_d = I_s \left(e^{\frac{V_d}{V_T}} - 1 \right)$$

$$V_T = \frac{k_B T}{q}$$

$$k_B = 1,38 \cdot 10^{-23} \text{ J/K}$$

