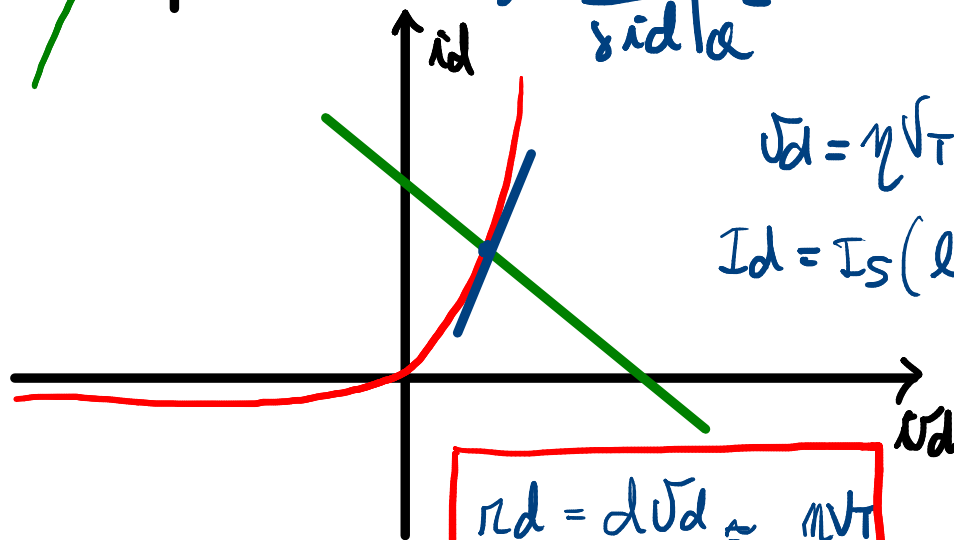


$$V_d - V_a = \left. \frac{dV_d}{di_d} \right|_Q (i_d - i_a)$$

$$r_d = \left. \frac{dV_d}{di_d} \right|_Q =$$

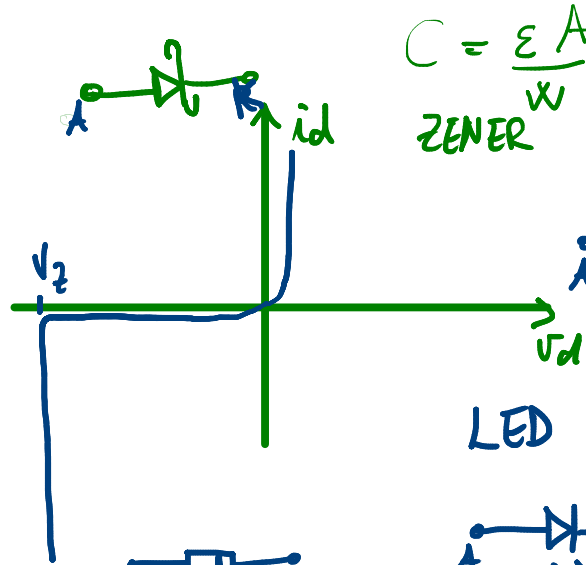
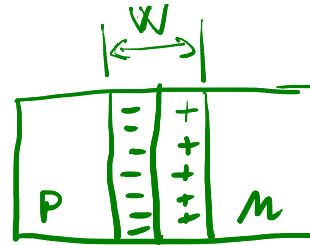
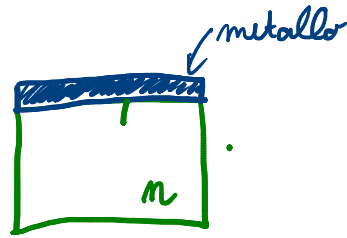


$$V_d = \eta V_T \ln \left( \frac{i_d}{I_S} \right)$$

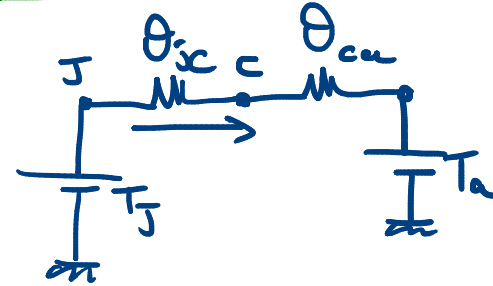
$$I_d = I_S \left( e^{\frac{V_d}{\eta V_T}} - 1 \right) \approx I_S e^{\frac{V_d}{\eta V_T}}$$

$$r_d = \frac{dV_d}{di_d} \approx \frac{\eta V_T}{i_a}$$

# SCHOTTKY



$$C = \frac{\epsilon A}{W}$$



$$P_D = \frac{T_j - T_a}{\theta_{jc} + \theta_{ca}}$$



$$\theta_{ja} = \theta_{jc} + \theta_{ca}$$

