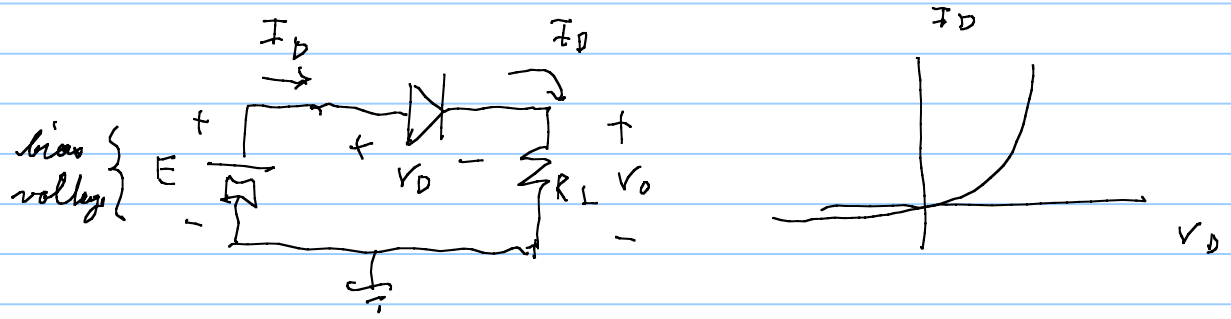
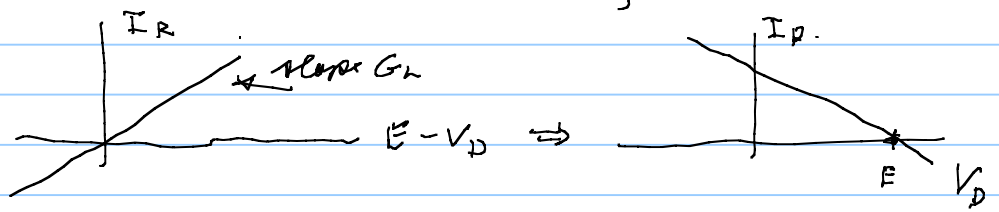
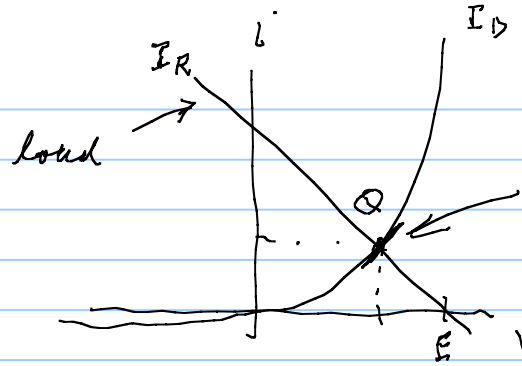
EE 303 H
09/06/16

Note Title 9/5/2016



$I_D = I_R = G_L \cdot V_O = G_L (E - V_D)$, $G_L = 1/R_L$





$I_D = I_R$ = operating point
= quiescent point = Q point
= DC equilibrium

$$I_s\left(e^{V_D/V_T} - 1\right) = G_L(E - V_D)$$

also Spice for DC curves, secondary sweeps, PARAM part