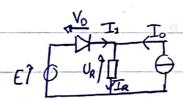
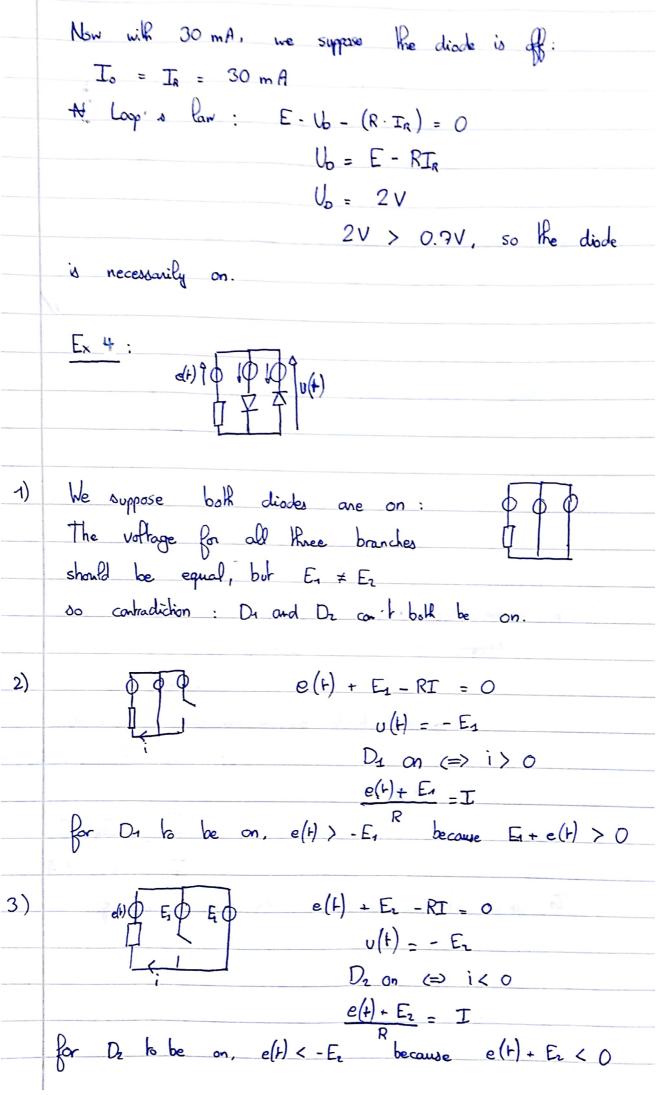
$$U_{AM} = \frac{I + \frac{E}{R}}{\frac{1}{R} + \frac{1}{R}} = \frac{I + \frac{E}{R}}{\frac{2}{R}} = \frac{RI}{2} + \frac{E}{2}$$



We suppose the diade is on:

$$V_D = E - U_R$$

so 
$$I_R = \frac{E - V_0}{R} = 0.043 A$$



2)

