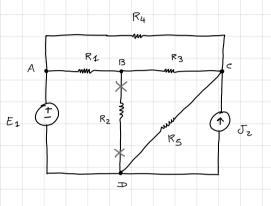
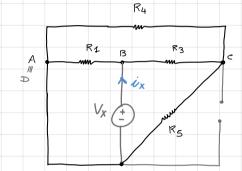
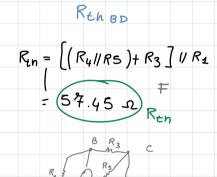


## J ATI



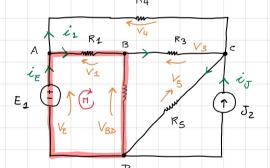




x E1 = 20v

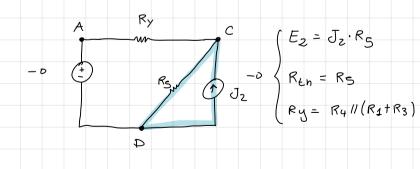
Y J2 = 0.8 A

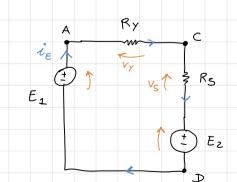
$$V_{BD} = E_{th} = ?$$



$$L K T_{H} \cdot V_{E_{1}} + V_{1} + V_{BD} = O = 0 V_{BD} = V_{E_{1}} - V_{1}$$

ma 
$$V_1 = R_1 \cdot \mathring{U}_1 - D$$
 Serve  $\mathring{U}_E = \mathring{U}_1$ 





$$-E_1 + V_y + V_5 + E_2 = 0$$
 -0  $-E_1 + R_y i_y + R_5 i_y + E_2 = 0$ 

$$-0 \quad iy = \underbrace{E_1 - E_2}_{\left(R_y + R_5\right)} = \underbrace{E_1 - J_2 R_5}_{R_y + R_5} = \underbrace{-0.52 A}_{i \in E}$$

