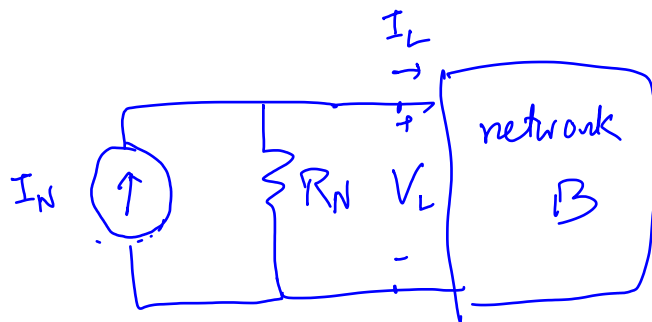
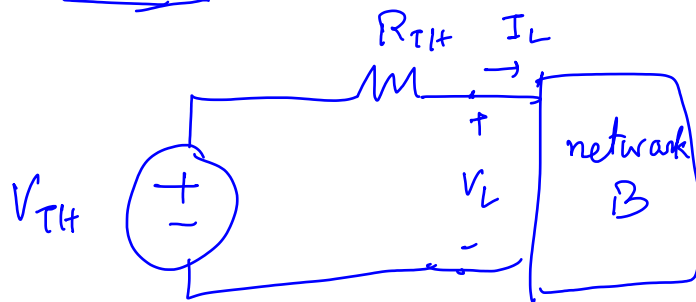
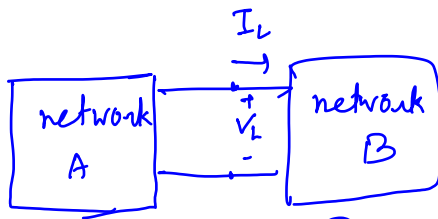
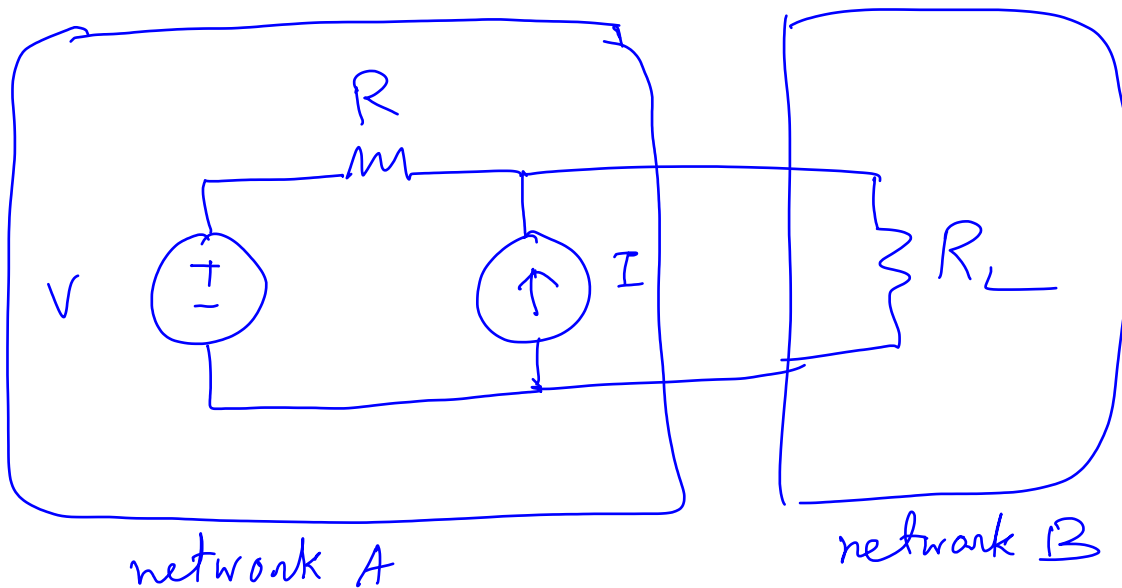


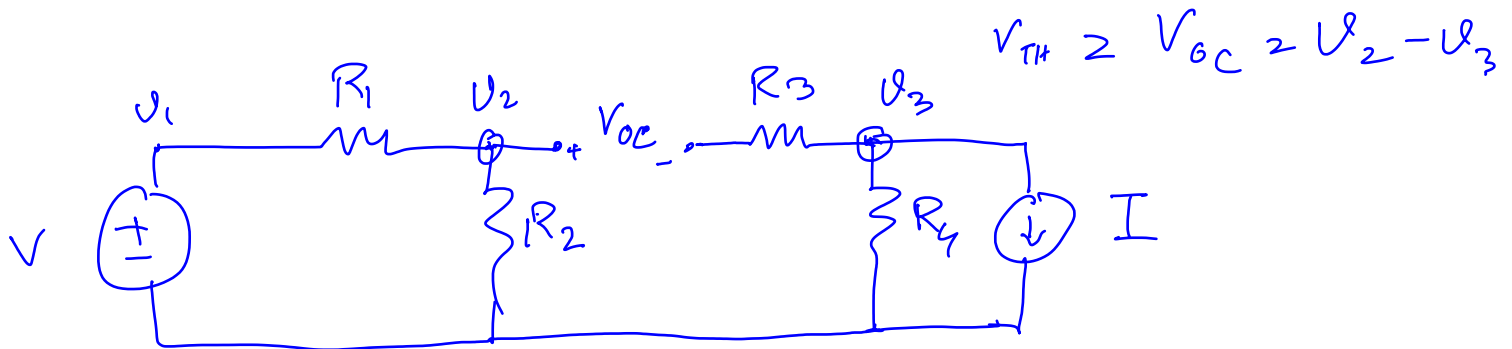
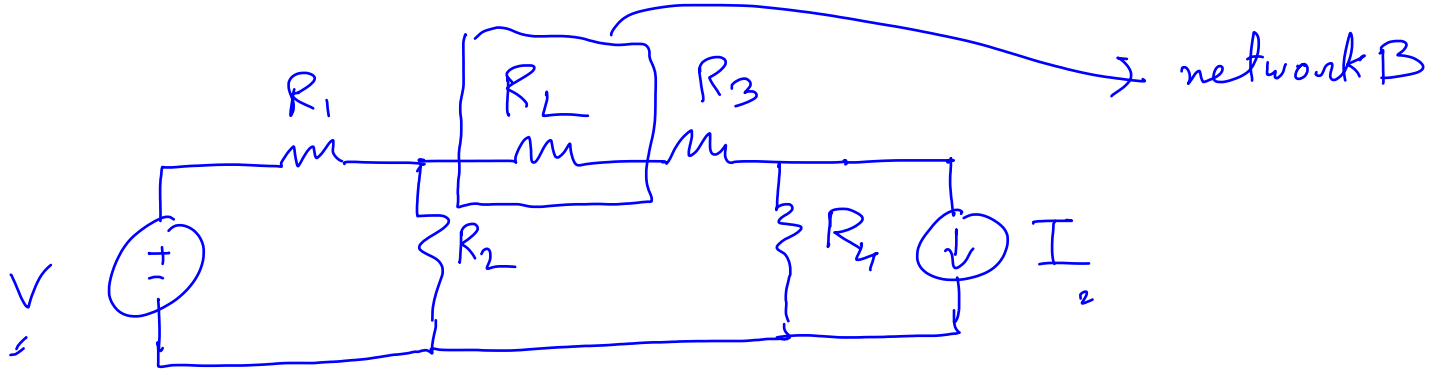
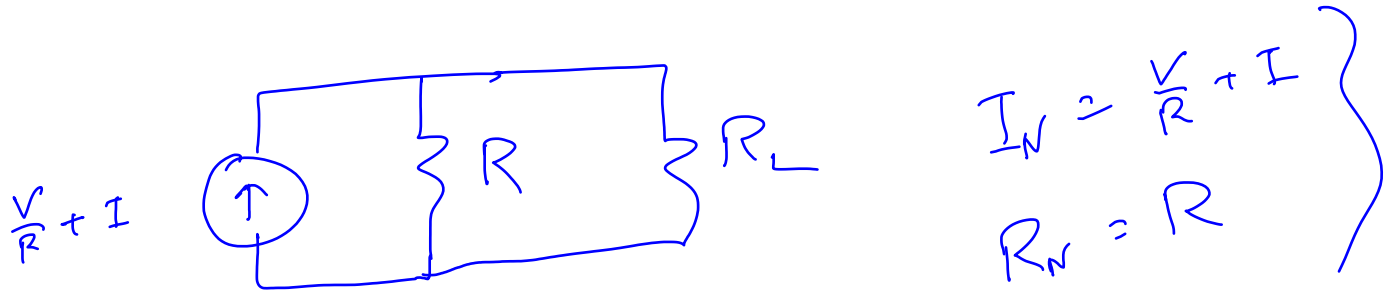
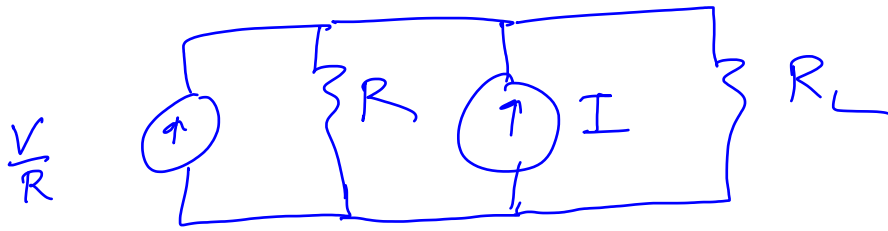
Quick Recap



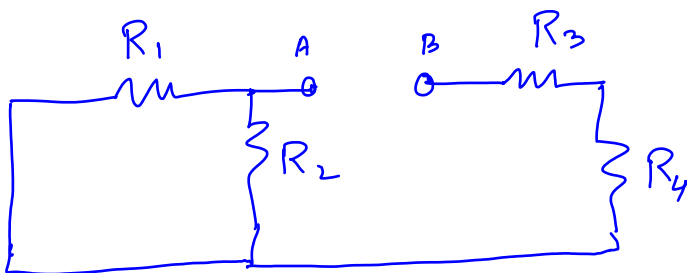
$$V_{TH} = I_N R_{TH}$$

$$R_N = R_{TH}$$

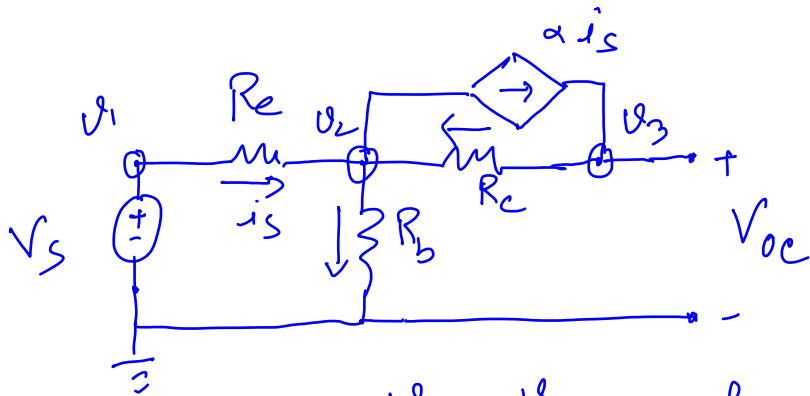
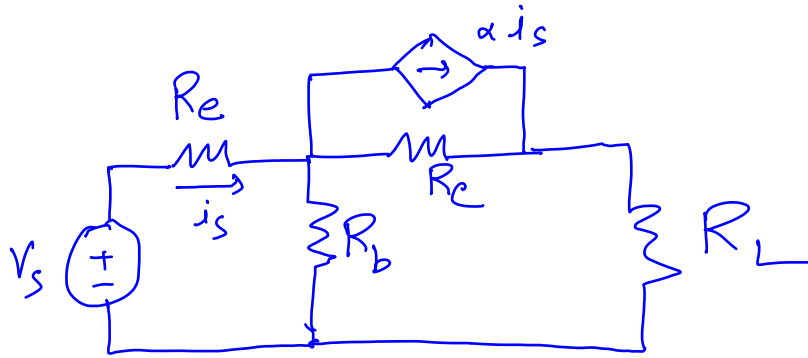




$$R_{TH} = (R_1 \parallel R_2) + R_3 + R_4$$



$$R_{AB}$$

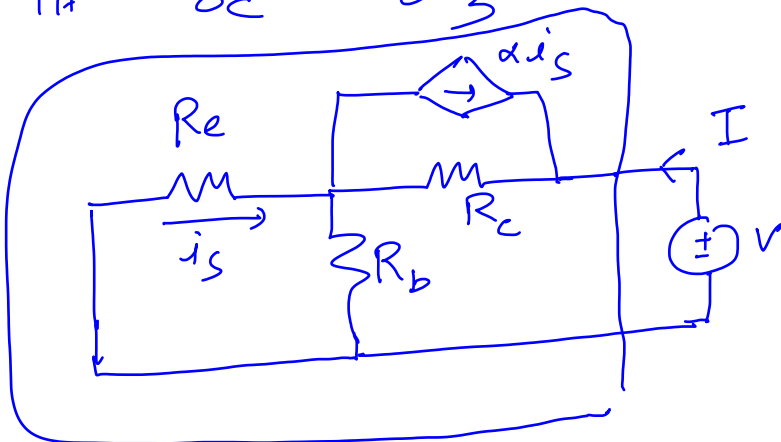


$$V_1 = V_s$$

$$\frac{V_1 - V_2}{R_e} + \frac{V_3 - V_2}{R_c} = \frac{V_2}{R_b} + \alpha \left(\frac{V_1 - V_2}{R_e} \right)$$

$$\frac{V_3 - V_2}{R_c} = \alpha \left(\frac{V_1 - V_2}{R_e} \right)$$

$$V_{TH} = V_{oc} = V_3$$



$$R_{TH} = \frac{V}{I}$$

