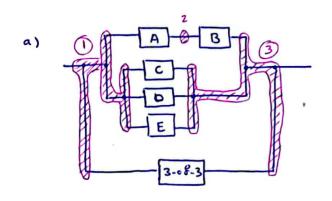
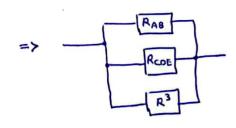
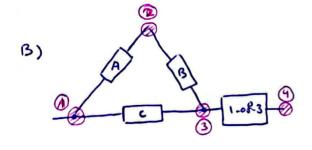
## : Lichado / Roys (E) mle Timber

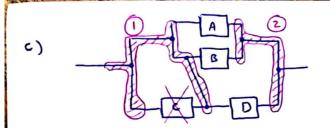


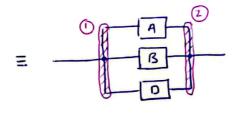
III) 
$$R_{m-o}I_{-n} = \sum_{i=m}^{n} {\binom{n}{i}} \cdot R_{(i)} \cdot {(i-R)}^{n-i} \xrightarrow{m=n=3}$$

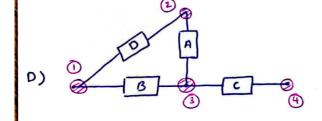
$$= \sum_{i=3}^{3} {\binom{3}{3}} \cdot R_{(i)} \cdot {(i-R)}^{n} = R_{(i)}^{3}$$

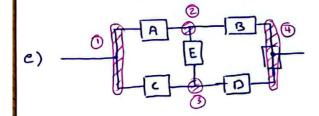


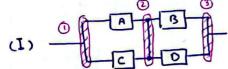












=> 
$$R_{\text{Total}}(1) = R_{\text{E}} \cdot R_{(1)} + (1-R_{\text{E}}) \cdot R_{(1)} = R_{\text{E}} \cdot \left[ (1-(1-R_{\text{A}}) \cdot (1-R_{\text{C}})) \cdot (1-(1-R_{\text{B}}) \cdot (1-R_{\text{C}})) \right]$$
  
+  $(1-R_{\text{E}}) \cdot \left[ 1-(1-R_{\text{A}}R_{\text{B}}) \cdot (1-R_{\text{C}}R_{\text{O}}) \right]$