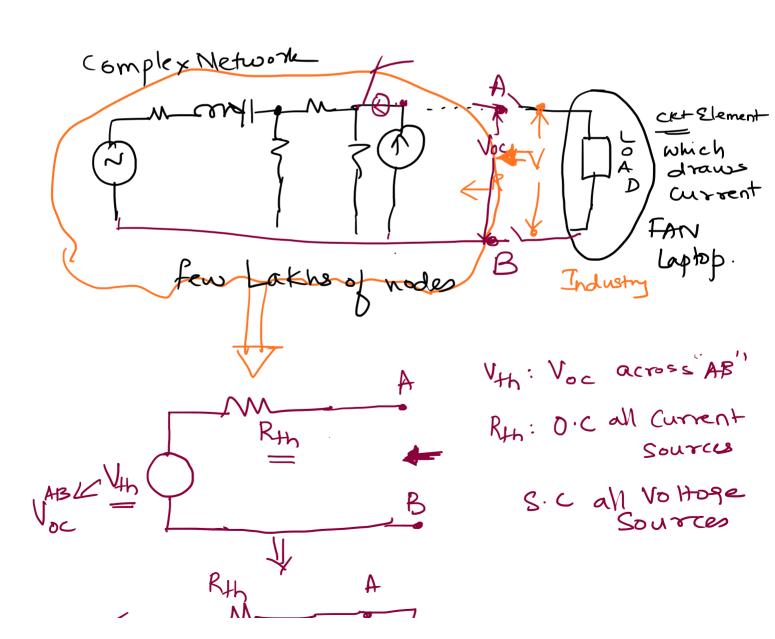
Therenin's Theorem > L. C. Therenin (French Engg)

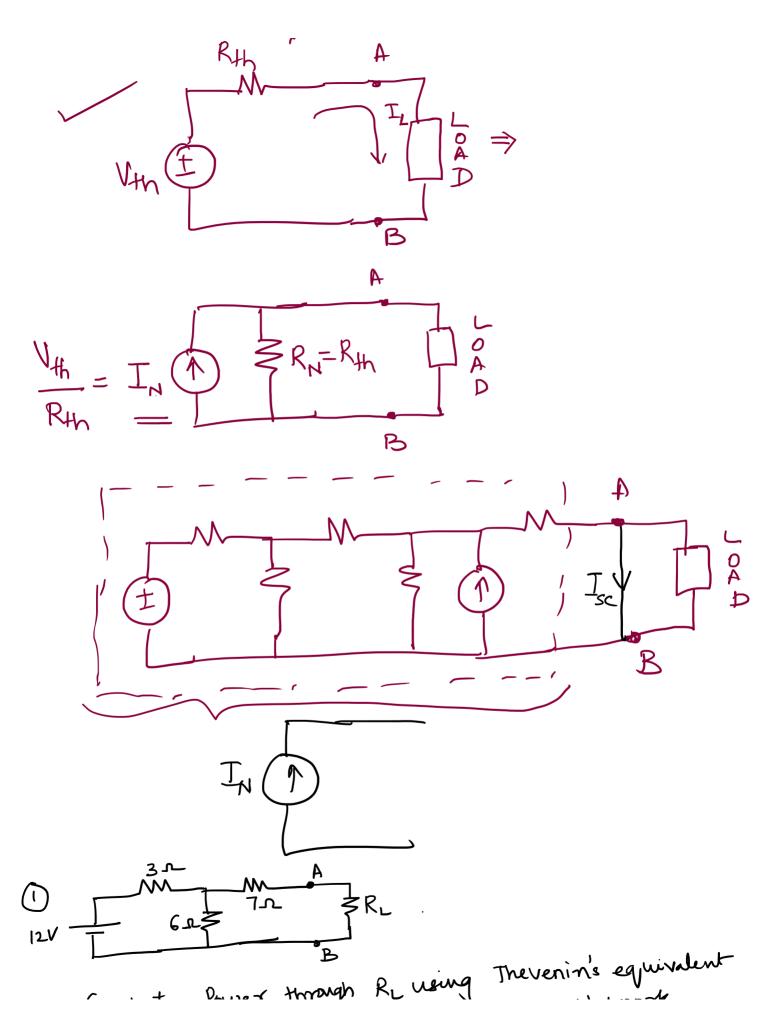
Norton's " > E. L. Norton (Bell Telephone
Labs).

> BEL : > Bharat Electronic Limits

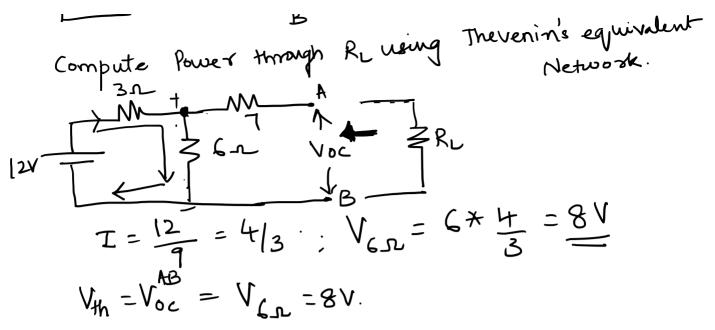
BHEL > " Heavy Electrical Limits

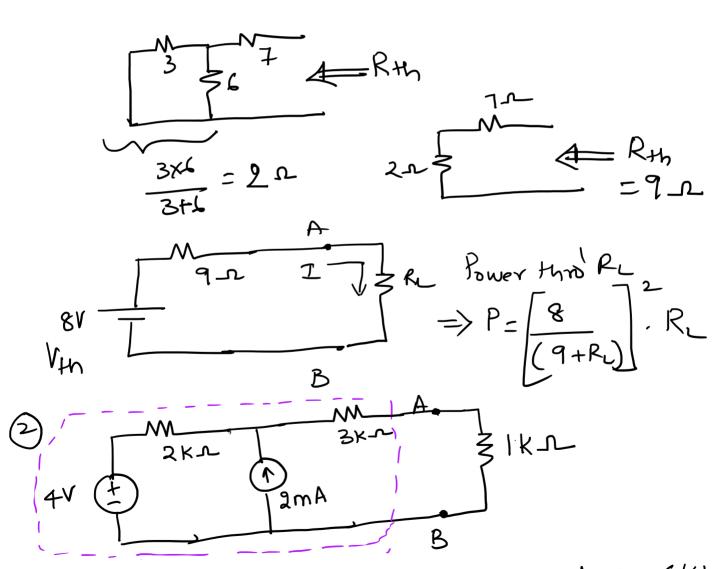
Tran, CB, PE-



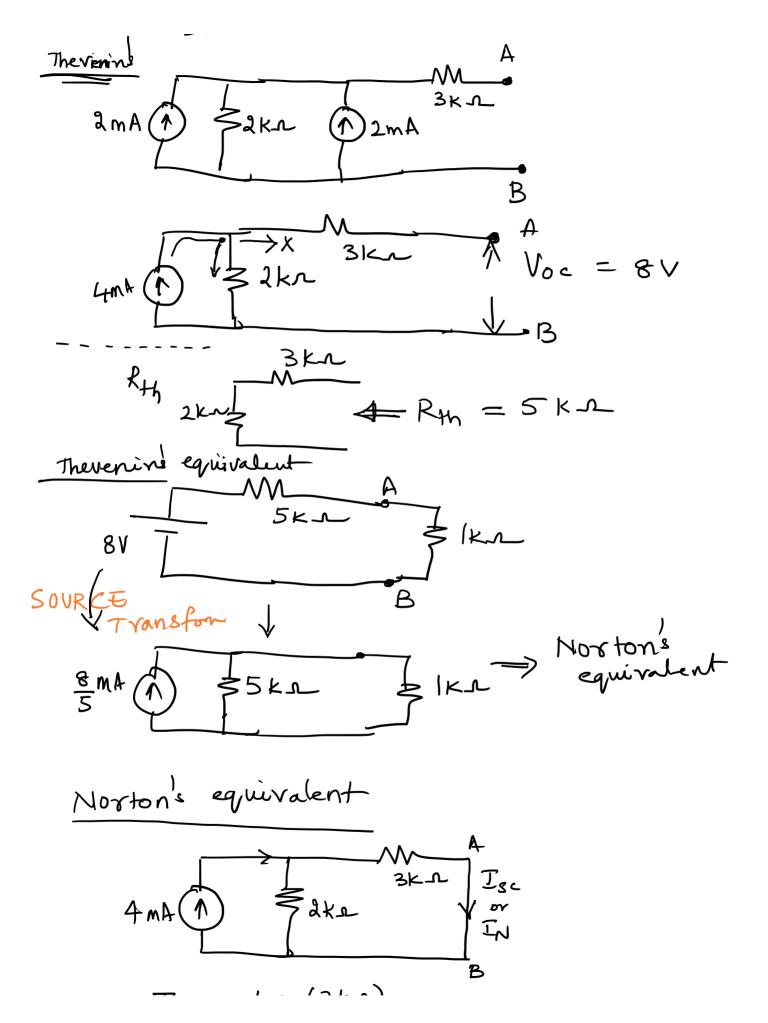


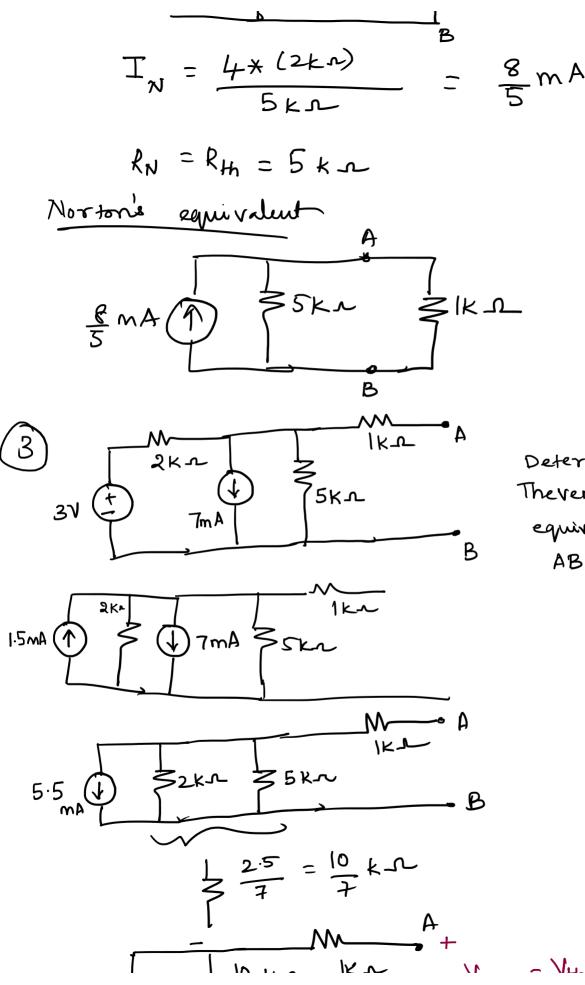






Find Therenin's & Norton's equivalent CKts. Seen across AB.





Determine Therenin's & Nortone equivalent across AB terminal.

Theyening equivalent

$$\frac{10}{7} \text{ K.C.} \text{ K.C.}$$

$$\frac{10}{7} \text{ K.C.} \text{ K.C.}$$

$$\frac{10}{7} \text{ R.C.}$$

$$\frac{10}{7} \text{ R.C.}$$

$$\frac{55}{7} \text{ V.C.}$$

$$\frac{55}{7} \text{ V.C.}$$

$$\frac{10}{7} \text{ R.C.}$$

$$\frac{55}{7} \text{ V.C.}$$

$$\frac{10}{7} \text{ R.C.}$$

$$\frac{10}{7} \text{ kn} = \frac{10}{7} \times 5.5 = \frac{55}{7} \text{ V} = \frac{10}{7} \times 5.5 = \frac{1$$

The vening equivalent
$$\begin{array}{c}
-\frac{55}{7}\sqrt{1} & \Rightarrow \\
& B
\end{array}$$
The vening equivalent
$$A \longrightarrow \frac{17/4 \text{ K.s.}}{4}$$

Nortone equivalent { Source transformation}

$$\frac{55}{7} \text{ (b)} = \frac{17}{7} \text{ km} \Rightarrow \frac{17}{17} \text{ km}$$

