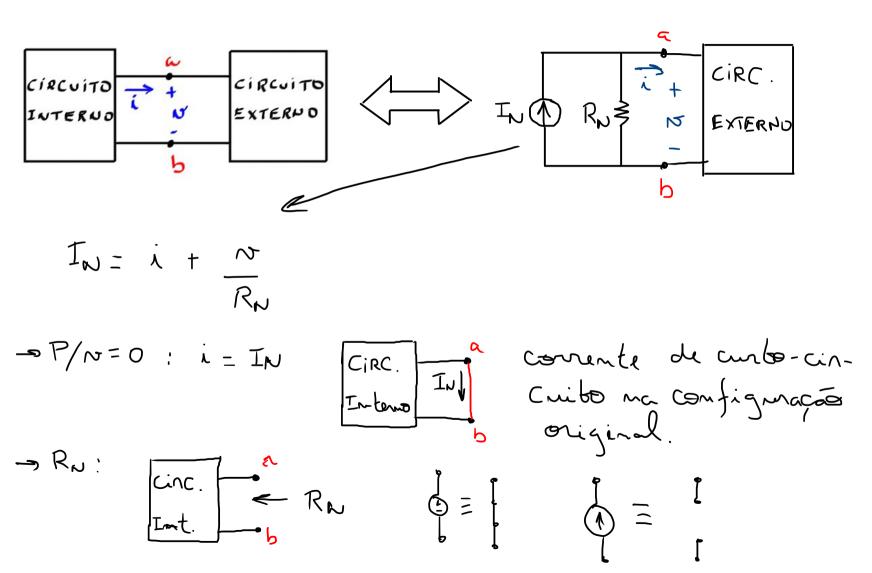
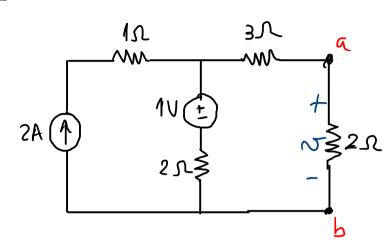
## Teorema de Norton



Ex: Teorema de Nonton



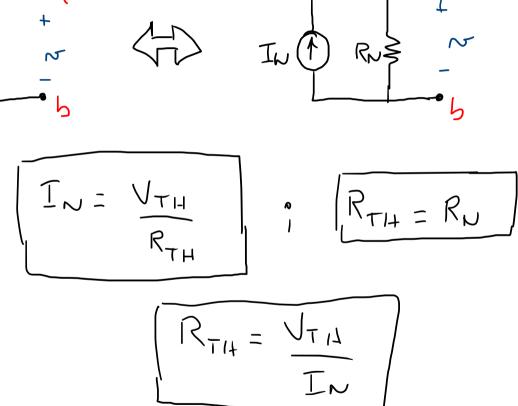
Ex: Teorema de Nonton N= ? - Cálcula de In:  $3[I_N + 2(I_N - 2) = 1]$ 

Ex: Teorema de Nonton N= ? → Cálcula de In: √× 3√

Ex: Teorema de Nonton N= ? → Cálculo de RN: 1sc  $R_{N} = 3 + 2 = 5\Omega$  Ex: Teorema de Nonton Cincuito equivalente de NORTON:

$$N = (2115). I_{N} = \frac{100}{1}$$
 $N = (2115). I_{N} = \frac{100}{1}$ 
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-> Relação entre os modelos de Therenin e Norton The Russ of the Ru



EXECT CIB 15  $2 \Omega$ \* Teorema da máxima transferência de potência RTIA VTD TND RNZ ZRL NL I IND RNZ ZRL

\* Teorema da máxima transferência de potência VTA FRL NL I INM RNZ ZRL  $P_{L} = R_{L} \cdot i_{L}^{2} = R_{L} \cdot \frac{V_{TH}}{(R_{TH} + R_{L})^{2}}$   $P_{Lukx} = R_{L} \cdot \frac{V_{TH}}{R_{L}^{*}}$   $R_{C}$ \*Fazerdo  $\frac{dP_L = 0}{dR_L} = > V_{TH} \left( R_{TH} + R_L^* \right) - 2R_L V_{TH} \left( R_{TH} + R_L^* \right) = 0$   $R_L^* = R_{TH} \quad \text{ou} \quad R_L^* = R_N$ 

PLNKX = VTH 4RTH

Cinc.

Linear PL = RL. 
$$\frac{2}{R_{L} + R_{L}}$$
 $\frac{2}{R_{L} + R_{L}}$ 
 $\frac{2}{R_{L} + R_{L}}$ 
 $\frac{2}{R_{L} + R_{L}}$ 

Voltando! Exect Ci0 15 21  $M_{\Lambda}$ W Calculo de R<sub>L</sub> = R<sub>TH</sub>;  $R_{L} = R_{TH} = (1+2)||3$