## 12 NORTON

Primer: WIR 19./20.

1) Therenin nacin: xc = xL = R

TXCE KL TR

 $\langle \cdot \rangle_{ks} = \frac{E}{Ri}$ 

 $2par = \infty$  2 = R = 2MTH

5N= 544 b

Xinace had Therenina odapojimo i napravimo prosen hod Kod Norlona

tratto spojumo + i B · tu tece Nortonova

1)  $2\pi$ 

( ne tede nilation stronga (2=00) 2) WHH  $\frac{1}{2} \frac{1}{4} \frac{1}{2} = \frac{2ux}{uux} = \frac{21}{uux} + \frac{22}{uux}$   $\frac{1}{2} \frac{1}{4} \frac{1}{2} \frac{1}{2} + \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} + \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} + \frac{1}{2} \frac$  $2uc = jR - \frac{2jR}{-j+2} = R\left(j - \frac{2j}{-j+2}\right)$ 

Tue = U = R(0,4+0,2i) 216=R(2=+51)

 $h = luk \cdot \frac{jR}{jR + 2R} = luk \cdot \frac{-j}{2-j} = \frac{U}{R} \cdot \frac{1}{(0.440,2i)} \cdot \frac{-j}{2-j} = \frac{U}{R}(-j)$  $1 = -j \frac{U}{2}$   $1 = -j \frac{U}{2}$   $1 = -j \frac{U}{2}$   $1 = -j \frac{U}{2}$   $1 = -j \frac{U}{2}$ 

lul = 2 = 2 (0,5+05)

(2) 21 19/20 20) Moduli Nortonove strije i impedancje XL= 320 12 ovo je primjer xc = j20\_2 U=20V di los moramo Nortona 1) probat cemo proporeto Thevenina 2TH = (0) - 100 N = Other = lato ne mozemo jer bi dolnili OA NORTON

NORTON  $|N = \frac{U}{j \times L} = \frac{20}{j \cdot 20} = -jA$ 1 b / 11N1= 1 2+H=ZN=00

Kada je 2TH = 00, onda moramo na Wortona, ostalo preko thevenima.