## 12. ZADACI THEVENIN

 $\frac{1}{N} = -I - j \frac{U}{R}$ 

neuneani ote  
1) 
$$\frac{1}{\sqrt{2}}$$
  $\frac{1}{\sqrt{2}}$   $\frac{1}{\sqrt{2}}$ 

3) 
$$I = \frac{1}{2}$$
 $GV = \frac{1}{2}$ 
 $GV = \frac{1}{$ 

3) JES 18./19. 8) 
$$E_7 = U_{NB} = ?$$
  $R = x_c = 10_{R}$ 
 $U_{N} = 2U$ 
 $U_{N} = 2U$ 

R+jR 2) I,=I2 jer su te orgie porralelne grano isk: > Wemljims

I. = 
$$\frac{1}{2}$$
 jer su to ording  $\frac{1}{R} + \frac{1}{jR}$ 

Frankling grane ist:

When  $\frac{1}{2}$  and  $\frac{1}{2}$   $\frac{1}{2}$ 

4.) 21 19:120. 14.) 
$$P_{\text{max}} = ?$$

2TH

A

2TH

A

2TH

A

2TH

A

B

E

12.0

E

13+12

Cignorizamo

2mg Unymoj 120R

 $1 = \frac{U+11}{3+14+5} = \frac{3\sqrt{2}}{8+14}$ 

12. R = P > 1/125W

$$R = |2_{r}| = |2_{rH}| = \sqrt{4^{2} + 3^{2}}$$

$$\frac{3\sqrt{2}}{8 + 3^{4}} = \frac{3\sqrt{60}}{80}$$