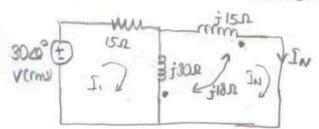
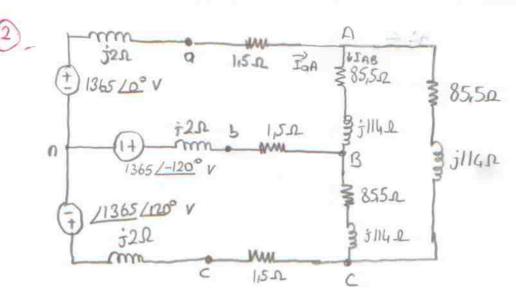


Kusa deure akimi bulunur:



$$30/0^{\circ} = 15I_{1} + j30 (I_{1} - I_{N}) + j18I_{N}$$

 $0 = j15I_{N} - j18 (I_{N} - I_{1}) + j30 (I_{N} - I_{1}) - j18I_{N}$



a) Tek for esdéper devresi i i i in D y v - 4 y ite don vitir i l'ir:

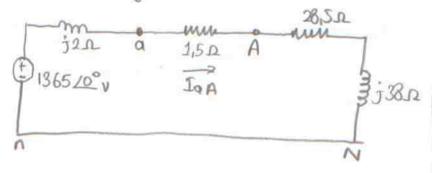
6)

Puetilen

= 90 95/

$$24 = \frac{20}{3} = \frac{85.5 + f 114}{3} = 28.5 + f 38 \Omega$$

Tek paz exdeper devresi:



Pozitif siradon dolayi;

$$I_{AB} = \frac{I_{BA}}{(\sqrt{3} \cancel{B0}^\circ)} = \frac{27.3 \cancel{L} - 53.13^\circ}{(\sqrt{3})\cancel{L} - 30^\circ} = 15.76 \cancel{L} - 23.13^\circ$$
 A

b)
$$S_{\text{taynak}} = -1365. (I_{\text{QA}}) = -22358,75 - 529811,56 VA$$

Püretilen = 22358,75 kW
Pharcanon, yük = I_{QA} (28,5) = 21,241 kW