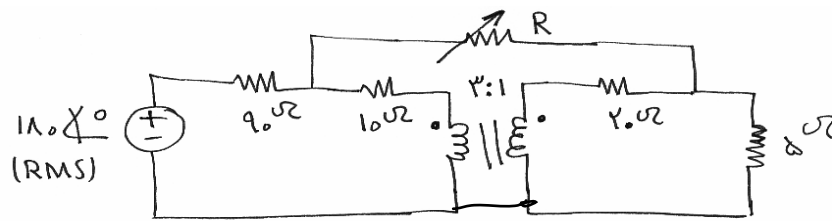


R



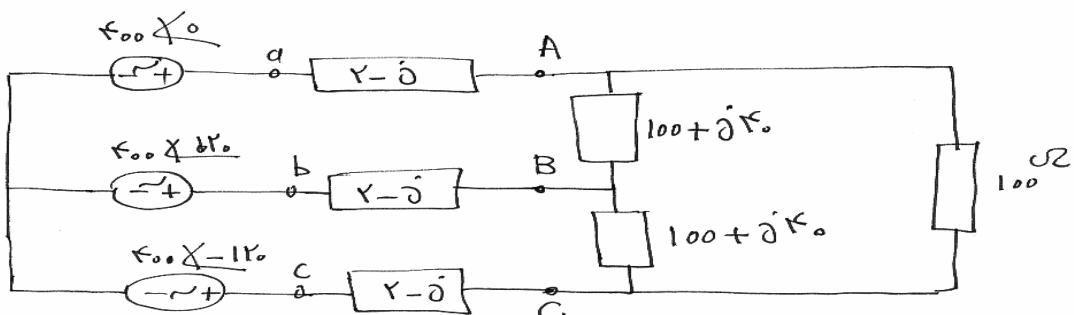
(f = 60 Hz)

I_{AB}, I_{BC}, I_{CA}

R C A 100

100A I_{bB}, I_{cC}, I_{aA}

R



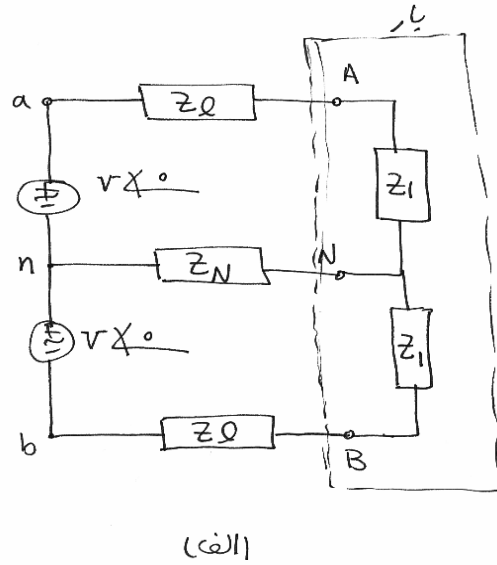
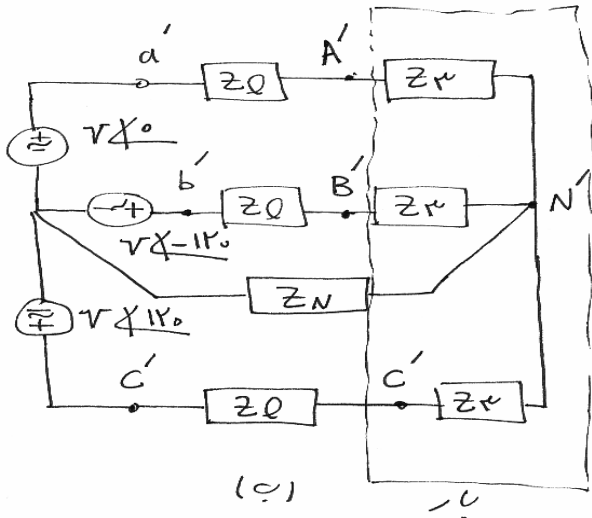
() :

Z_1, Z_3, Z_l

$I_{aN'}$ I_{aN} (rms)

$$\frac{|I_{aN}|}{|I_{aN'}|} = \frac{3}{2}$$

1.5



900kW

$4800\sqrt{3}$ V

$0.6 + j4.8$

0.6

Δ

1200kVAR

$4800\sqrt{3}$ V

$4800\sqrt{3}$ V

60Hz

$$\eta = \frac{P_{av}(\text{Load})}{P_{av}(\text{Load}) + P_{av}(\text{Line})} = \frac{P_{av}(\text{Load})}{P_{av}(\text{Source})}$$