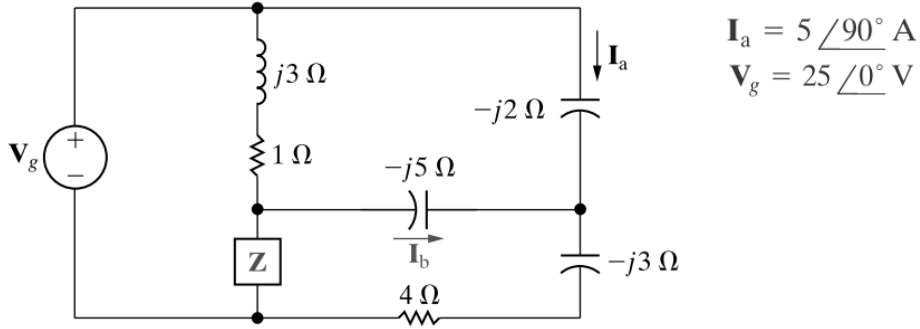


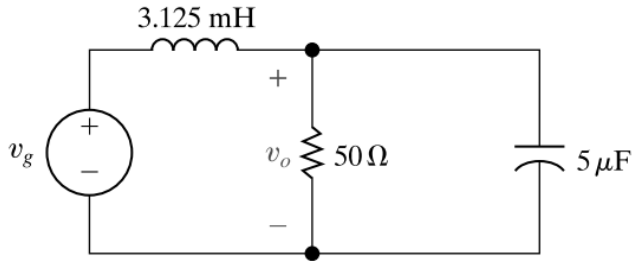
EEM202 Ödev 2

Soru 1: Verilen akım ve voltaj değerleri için Z empedansını bulunuz.



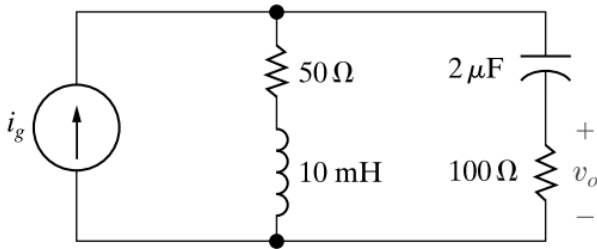
Soru 2: $v_o(t)$ 'yi bulunuz.

$$v_g = 60 \sin 8000t \text{ V}$$

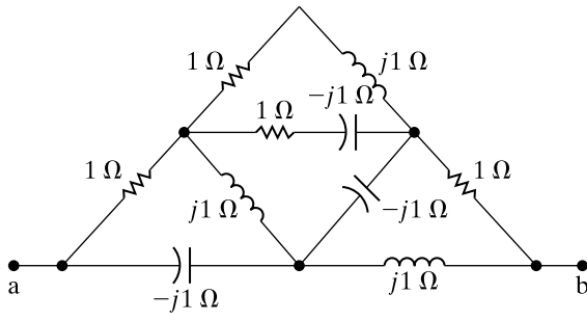


Soru 3: v_o 'ı bulunuz.

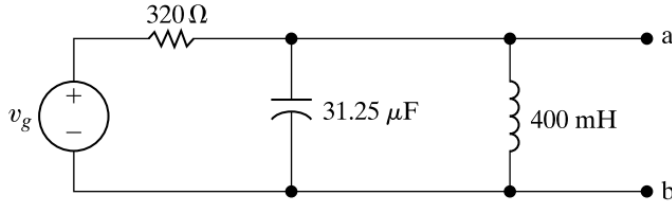
$$i_g = 60 \cos 10,000t \text{ mA}$$



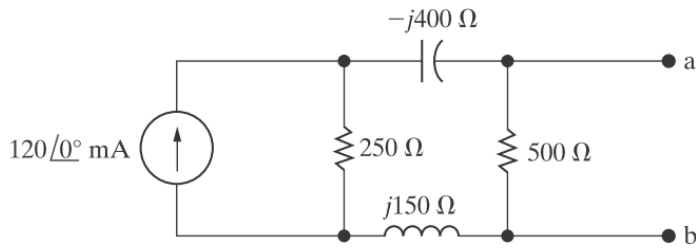
Soru 4: Z_{ab} 'yi bulunuz.



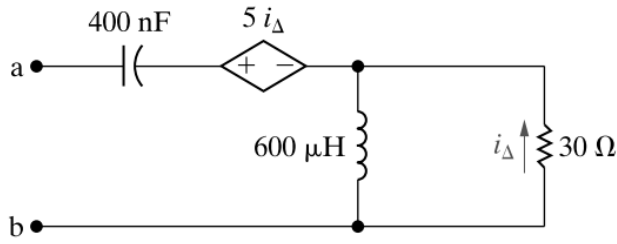
Soru 5: Verilen devrenin a-b terminalinden görülen Thevenin eşdeğer empedansı ve voltajını bulunuz.



Soru 6: Verilen devrenin a-b terminalinden görülen Norton eşdeğer empedansı ve akımını bulunuz.



Soru 7: Frekans 100 krad/sn ise Z_{ab} nedir?



Soru 8: Frekans $25/\pi$ kHz ise a-b terminalinden görülen Thevenin eşdeğer empedansı nedir?

