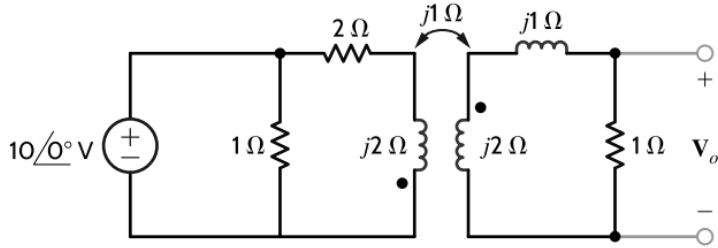
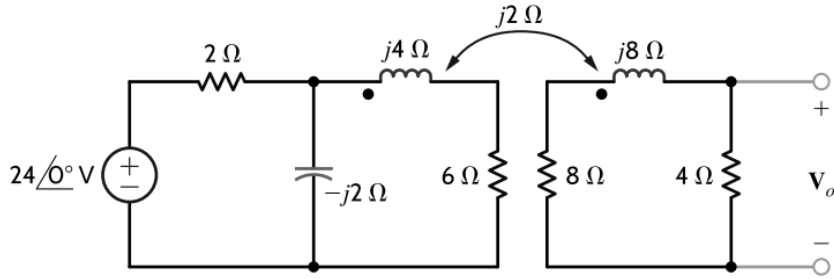


EEM202 Ödev 3

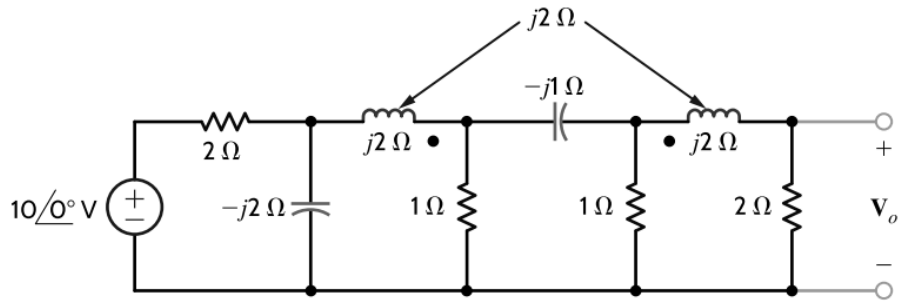
Soru 1: V_o voltajını bulunuz.



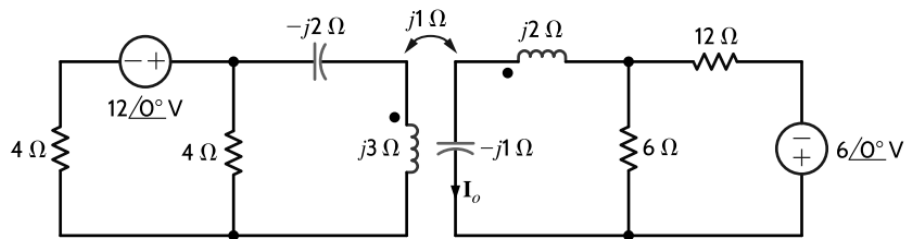
Soru 2: V_o voltajını bulunuz.



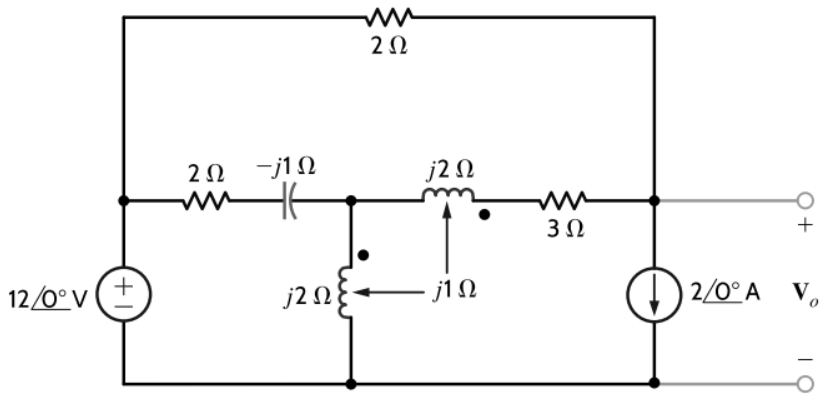
Soru 3: V_o voltajını bulunuz.



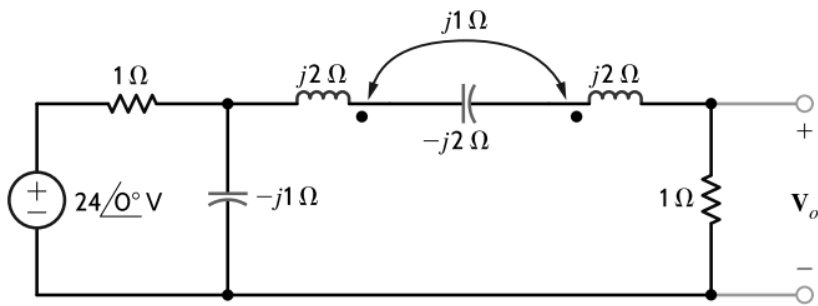
Soru 4: I_o akımını bulunuz.



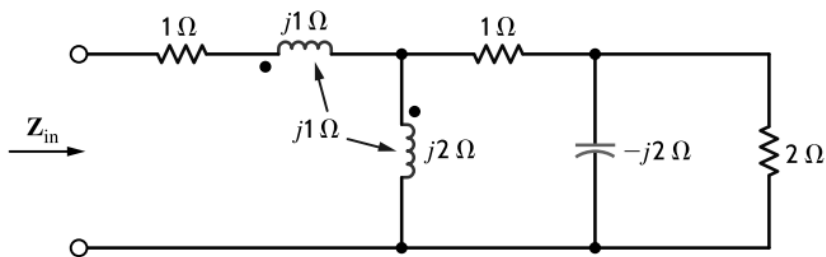
Soru 5: V_o voltajını bulunuz.



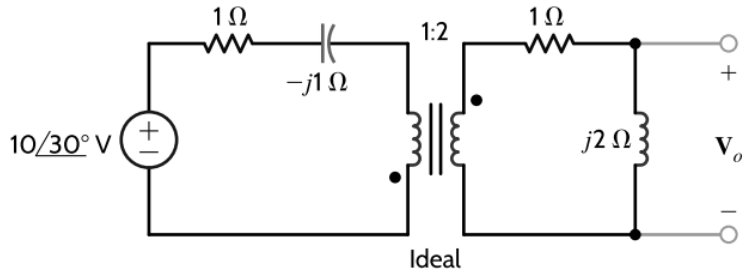
Soru 6: V_o voltajını bulunuz.



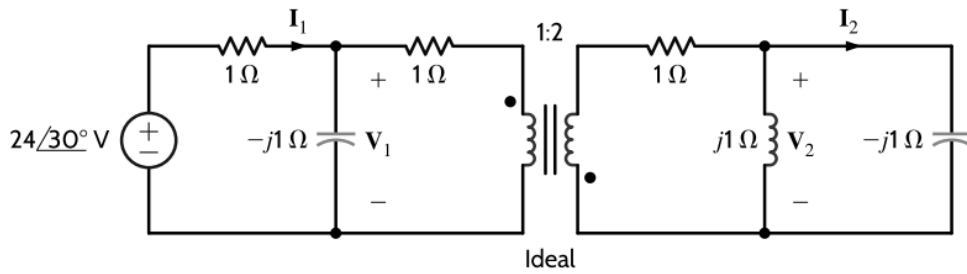
Soru 7: Z_{in} empedansını bulunuz.



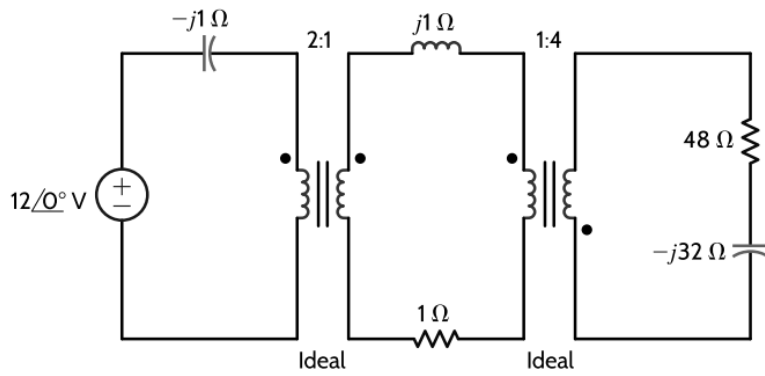
Soru 8: V_o voltajını ağ akımlar yöntemi ile bulunuz.



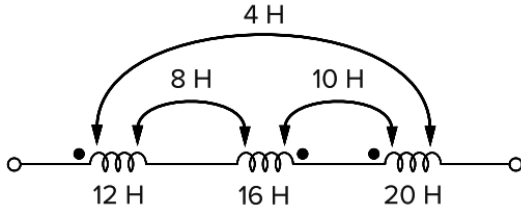
Soru 9: V_1 , V_2 , I_1 , I_2 değerlerini bulunuz.



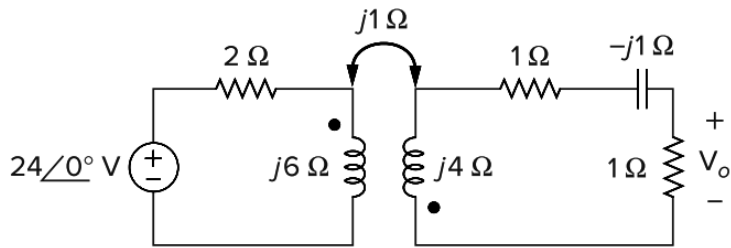
Soru 10: Kaynak tarafından görülen empedansı bulunuz.



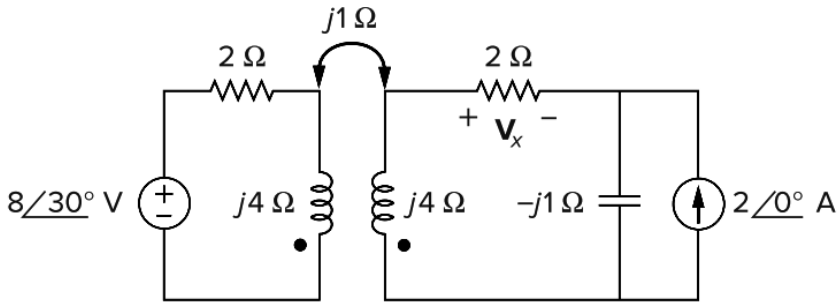
Soru 11: Toplam empedansı bulunuz.



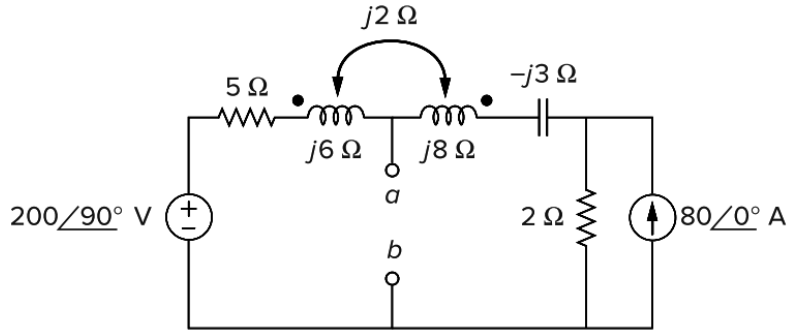
Soru 12: V_o 'yu bulunuz.



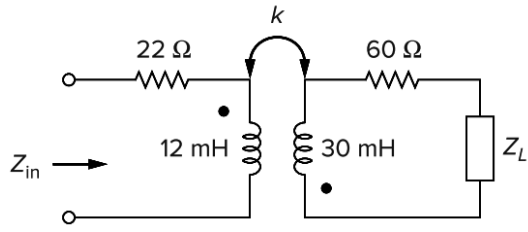
Soru 13: V_x 'i bulunuz.



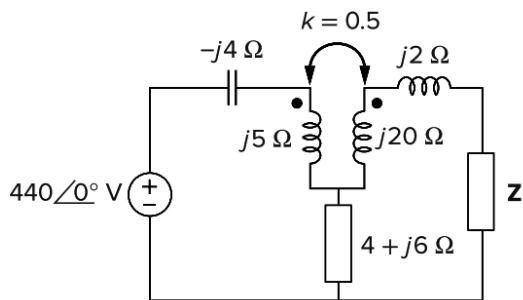
Soru 14: a-b terminalinden görülen Thevenin eşlenik devresini bulunuz.



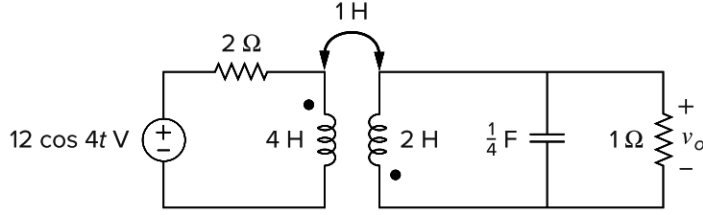
Soru 15: Z_L 15 mH ve empedansı $j40$ 'dır. $k=0.6$ ise Z_{in} 'i bulunuz.



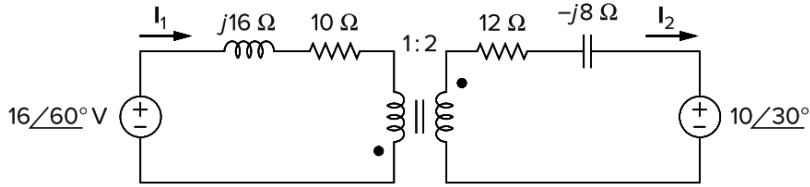
Soru 16: Kaynak tarafından görülen Thevenin eşdeğer devreyi bulunuz.



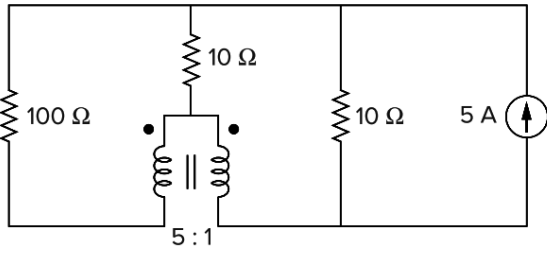
Soru 17: Kuplaj katsayısını, v_o 'yu ve $t=2$ sn'de kuplajlı bobinlerde depolanan toplam enerjiyi bulunuz.



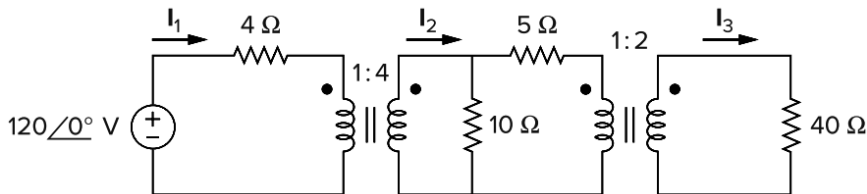
Soru 18: I_1 ve I_2 akımlarını bulunuz.



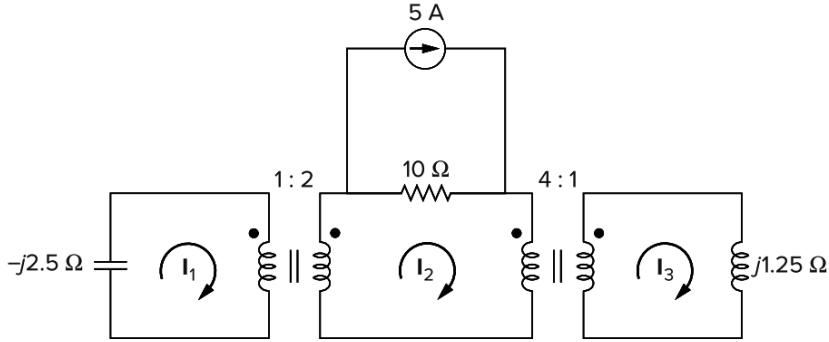
Soru 19: 100 ohm dirençten geçen akımı bulunuz.



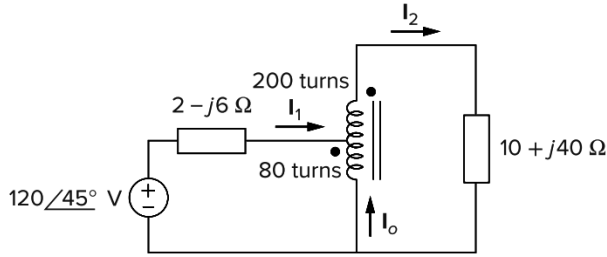
Soru 20: I_1 , I_2 , I_3 akımlarını bulunuz.



Soru 21: I_1 , I_2 , I_3 akımlarını bulunuz.



Soru 22: I_1 , I_2 , I_3 akımlarını bulunuz.



Soru 23: Sarım sayıları $N_1=190$ ve $N_2=10$ ise a-b terminalinden görülen Thevenin eşdeğer devresini bulunuz.

