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2.12. Find v_o and v_g in the circuit in Fig. P2.12.

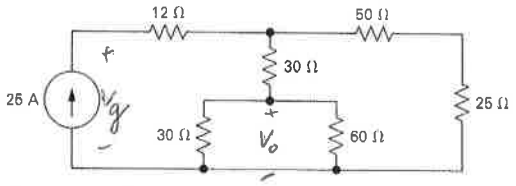

Figure P2.12

2.13. Find i_o and i_g in the circuit in Fig. P2.13.

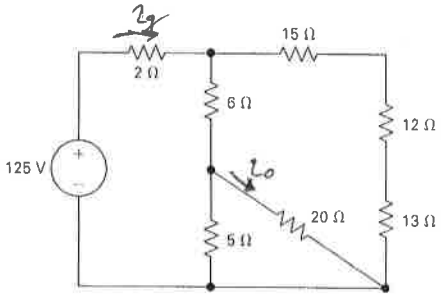

Figure P2.13

2.14. For the circuit in Fig. P2.14, calculate (a) i_o and (b) the power dissipated in the 10 Ω resistor.

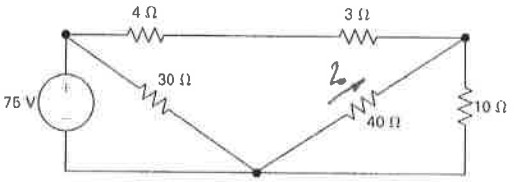

Figure P2.14

2.15. The current in the 9 Ω resistor in the circuit in Fig. P2.15 is 1 A, as shown.

(a) Find v_g.

(b) Find the power dissipated in the 20 Ω resistor.

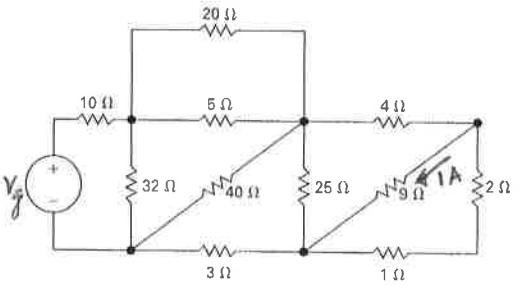

Figure P2.15

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