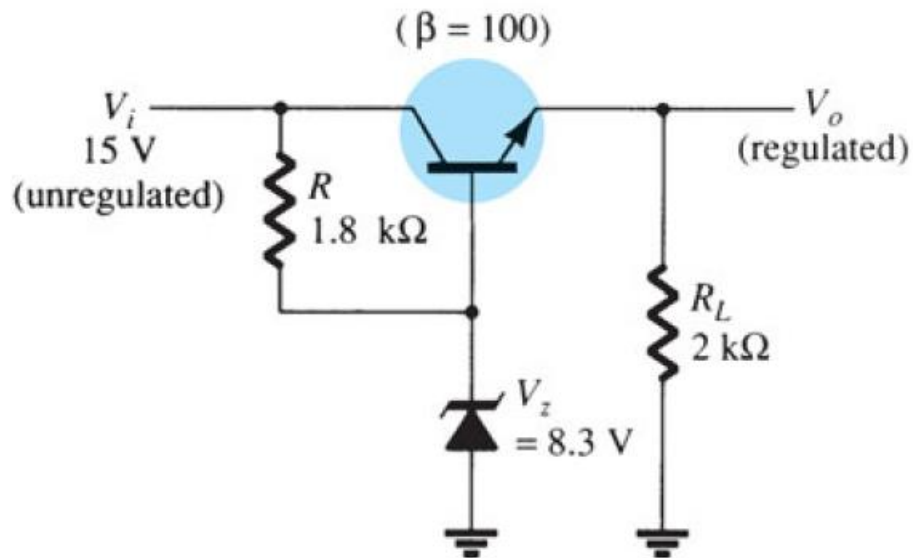


## ENEE236 CH15 Homework Problems

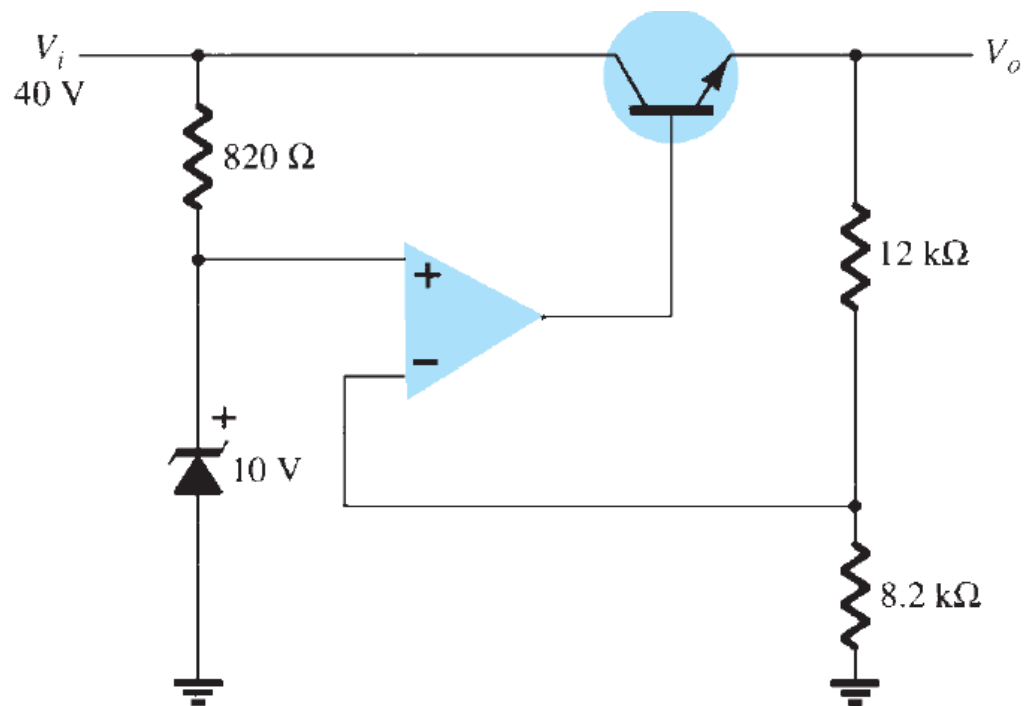
\*19. Calculate the output voltage and Zener diode current in the regulator circuit of Fig. 15.42.



**FIG. 15.42**

*Problem 19.*

21. Calculate the regulated output voltage in the circuit of Fig. 15.44.



**FIG. 15.44**

27. Determine the regulated output voltage from the circuit of Fig. 15.48.

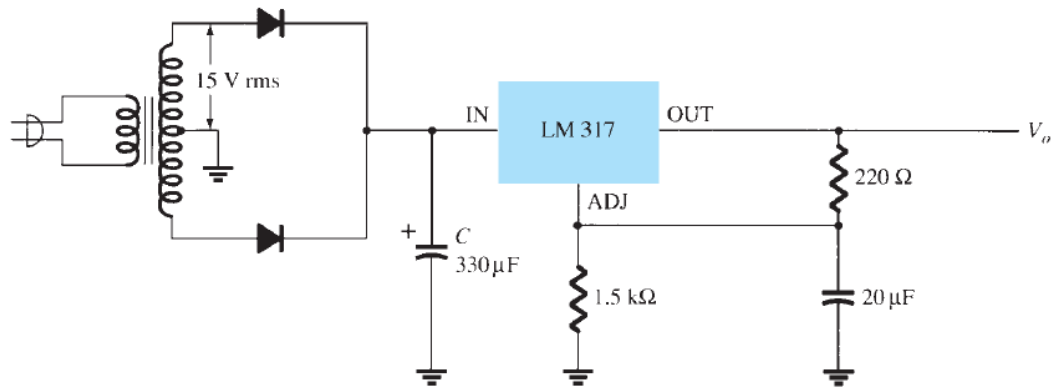


FIG. 15.48