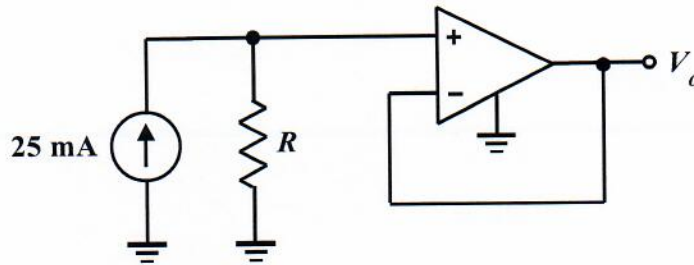


EE/EET 2240
Homework Problem 035



The OpAmp is ideal. Determine the value of R required to make $V_o = 20\text{ V}$.

$$V_o = (25\text{ mA})R$$

$$\Rightarrow R = \frac{V_o}{25\text{ mA}} = \frac{20\text{ V}}{25\text{ mA}} = 800\ \Omega$$