

**Chapter 5, Problem 7.**

The op amp in Fig. 5.46 has  $R_i = 100\text{ k}\Omega$ ,  $R_o = 100\text{ }\Omega$ ,  $A = 100,000$ . Find the differential voltage  $v_d$  and the output voltage  $v_o$ .

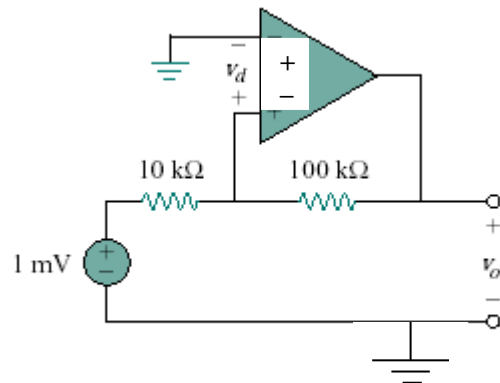


Figure 5.46  
For Prob. 5.7.