

Chapter 5, Problem 5.

For the op amp circuit of Fig. 5.44, the op amp has an open-loop gain of 100,000, an input resistance of $10\text{ k}\Omega$, and an output resistance of $100\text{ }\Omega$. Find the voltage gain v_o/v_i using the nonideal model of the op amp.

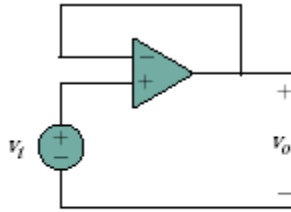


Figure 5.44
For Prob. 5.5.