

Chapter 5, Problem 44

Show that the output voltage v_o of the circuit in Fig. 5.78 is

$$v_o = \frac{(R_3 + R_4)}{R_3(R_1 + R_2)} (R_2 v_1 + R_1 v_2)$$

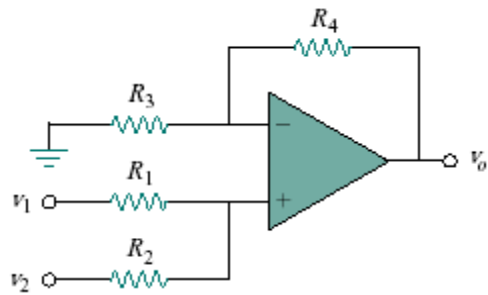


Figure 5.78
For Prob. 5.44.