

Chapter 10, Problem 90.

Fig. 10.132 shows a Wien-bridge network. Show that the frequency at which the phase shift between the input and the output signals is zero is $f = 0.5\pi RC$, and that the necessary gain is $A_v = V_o/V_i = 3$ at that frequency.

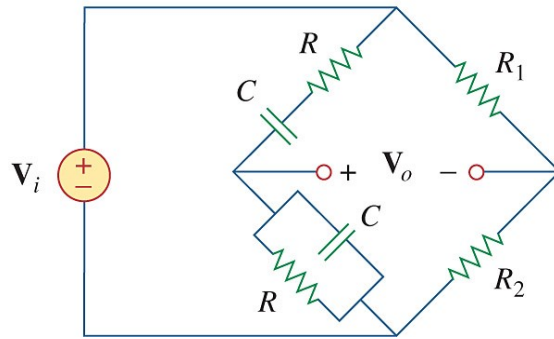


Figure 10.132
For Prob. 10.90.