

Chapter 9, Problem 81.

The ac bridge in Fig. 9.37 is balanced when $R_1 = 400\ \Omega$, $R_2 = 600\ \Omega$, $R_3 = 1.2\ \text{k}\Omega$, and $C_2 = 0.3\ \mu\text{F}$. Find R_x and C_x . R_z and C_z are in series.

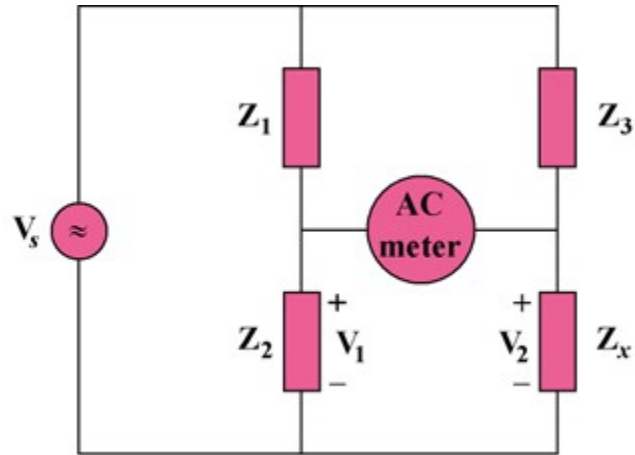


Figure 9.37
For Prob. 9.81.