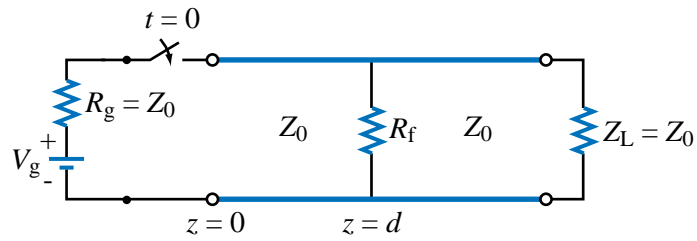(a) Observed voltage at the sending end

(b) The fault at $z = d$ is represented by a fault resistance R_f

Figure 2-36