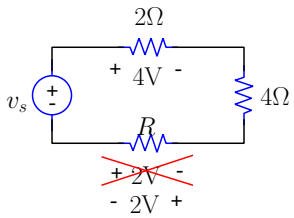
Textbook Errata:

1. Chapter 1, Problem 1.1 (page 26). (Polarity of the voltage across resistor R should be the opposite of what is shown in the text. See details below).
2. Chapter 2, Example 2.7 (page 40). Two node equations are correct, simplification of the second node equation is not correct.(See details below)
3. Chapter 3, Problem 3.7a (page 117). (The correct specification of part (a) is shown below)
4. Chapter 12. Last part of section 12.3.2 (page 445). The correct value of the capacitors is: $C_1 = 103$ nF and $C_2 = 9.84$ nF.

Chapter 1, Problem 1.1 (page 26)

In the following circuit determine R and v_s :



Error: In the textbook the polarization of the resistor voltage was inverted.

Chapter 2, Example 2.7 (page 40)

Simplifying these equations gives

$$\begin{aligned} v_1 + v_2 &= 0 \\ v_1 - 3v_2 &= -6, \end{aligned}$$

$$\downarrow$$

$$3v_1 - 4v_2 = -6,$$

and solving them yields

$$\begin{aligned} v_1 &= -\frac{6}{7}\,\text{V} \\ v_2 &= \frac{6}{7}\,\text{V}. \end{aligned}$$

Also, $v_3 = \frac{v_2}{2} = \frac{3}{7}$ V.

Chapter 3, Problem 3.7a (page 117)

(a) In the following circuit, determine the capacitor current $i(t)$.