

2.10 Find I_1 in the network in Fig. P2.10.

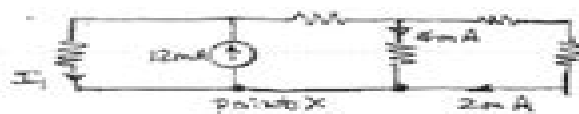
CS



Figure P2.10

SOLUTION:

2.10 Find I_1



KCL at point X: all currents enter

$$I_1 - 12 \times 10^{-3} + 4 \times 10^{-3} + 2 \times 10^{-3} = 0$$

$$\boxed{I_1 = 6 \text{ mA}}$$

Basic Engineering Circuit Analysis 8th Edition Solutions

Daniela Niemeyer



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