

Chapter 6, Problem 76.

A voltage waveform has the following characteristics: a positive slope of 20 V/s for 5 ms followed by a negative slope of 10 V/s for 10 ms. If the waveform is applied to a differentiator with $R = 50 \text{ k}\Omega$, $C = 10 \text{ }\mu\text{F}$, sketch the output voltage waveform.