



My Name

CM 123

Campus mail box number is critical!

ES203 - 03

Section number is important

Homework Set #1

Due: Thursday, 12/4

1.1 —

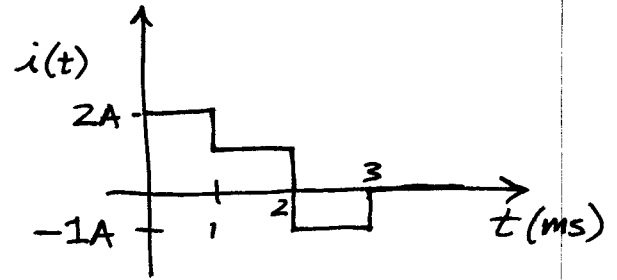
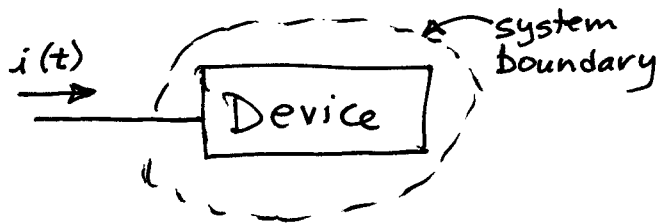
1.2 —

Use blanks for grader to write scores

GIVEN

Device with input current $i(t)$:

This is page one of three total pages



- zero charge stored in device at time zero

FIND

Plot of stored charge in the device as a function of time.

SOLUTION

"Given", "Find", and "Solution" section headings are required!

Include brief comments to explain your solution process

Graphs and plots (even those produced by Maple) must include: axis labels, axis units, and axis scale (tick marks and numbers)

Numerical results must include units and be written in engineering prefix (not scientific) notation. For example, write "23.8 mV" instead of "0.0238 V" or " 2.38×10^{-2} V".

Draw a box around your finished result