EEEN203 Lab 1 - SPICE

4. Schematic Entry

Diagram, schematic

Description automatically generated

5. Manual Calculations

A picture containing text, whiteboard

Description automatically generatedText, letter

Description automatically generated

If illegible: time to manually complete took roughly 20 mins

6. Simulation

![Table

Description automatically generated]()

Simulation has the same current through R2 as my manual working out, but was probably twice as fast even considering the time it takes to create the simulation (and the fact it was my first time using the program).

7. More Simulation

A picture containing diagram

Description automatically generatedGraphical user interface

Description automatically generated with medium confidence

8. More on Transients

Graphical user interface, application

Description automatically generated

Mathematical derivation of said percent

Formula for the current over time in a capacitor:

A screenshot of a computer

Description automatically generated with medium confidence