

UNIVERSITY OF CENTRAL FLORIDA

ELECTRONICS I LAB

SECTION 0014

Experiment # 1: Name of Experiment

Author

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Laboratory Partner

INSERT NAME HERE

February 22, 2023

Preliminary Information

Date and time data was taken

Thursday, February 9, 2023 from 9am to 12pm

Pre-laboratory Results

Experimental Procedure

Calculations and Simulations

Calculations for Fig. 1b and Fig. 3

Example images included below.

Simulations for Fig. 3

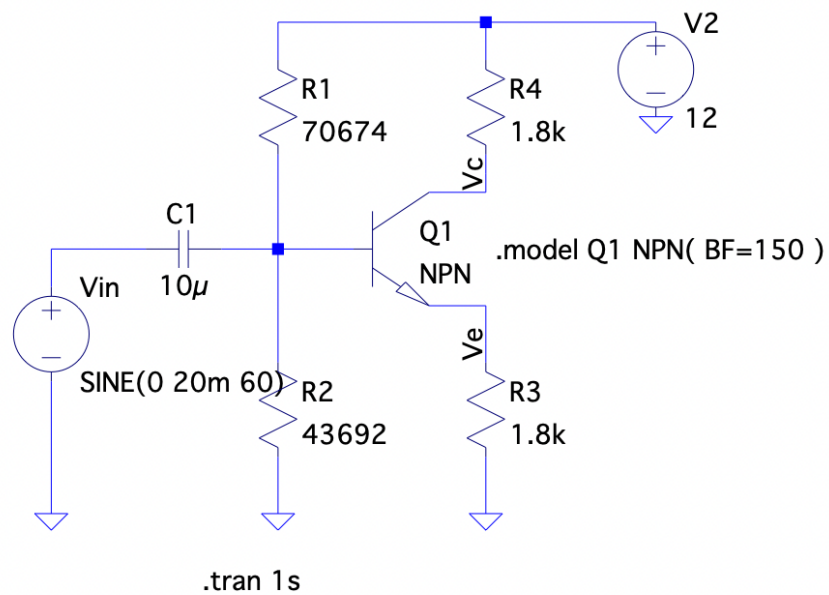


Figure 1: Schematic for Fig. 3

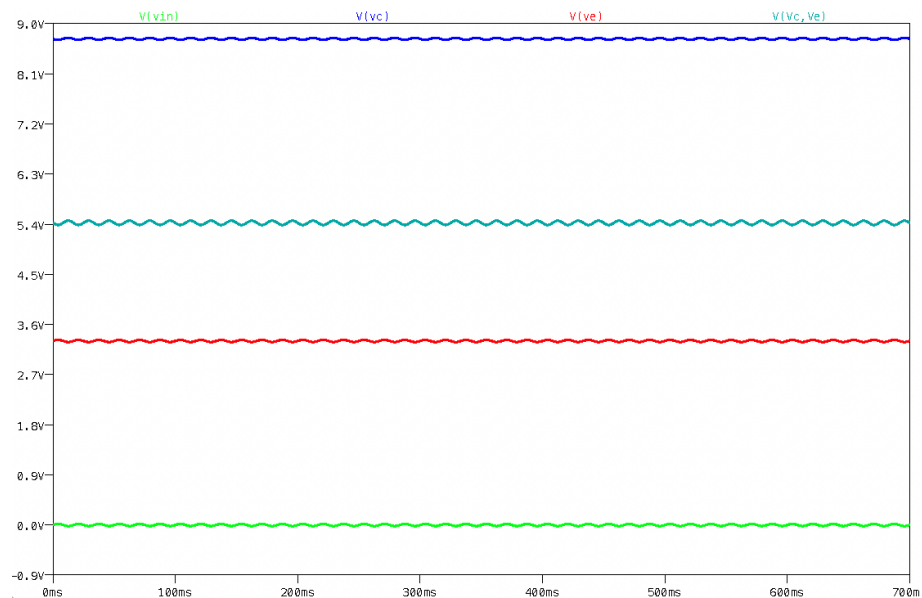


Figure 2: Waveform for Fig. 3 voltages: V_{in} , V_E , V_C , V_{CE}

Plots and Waveforms

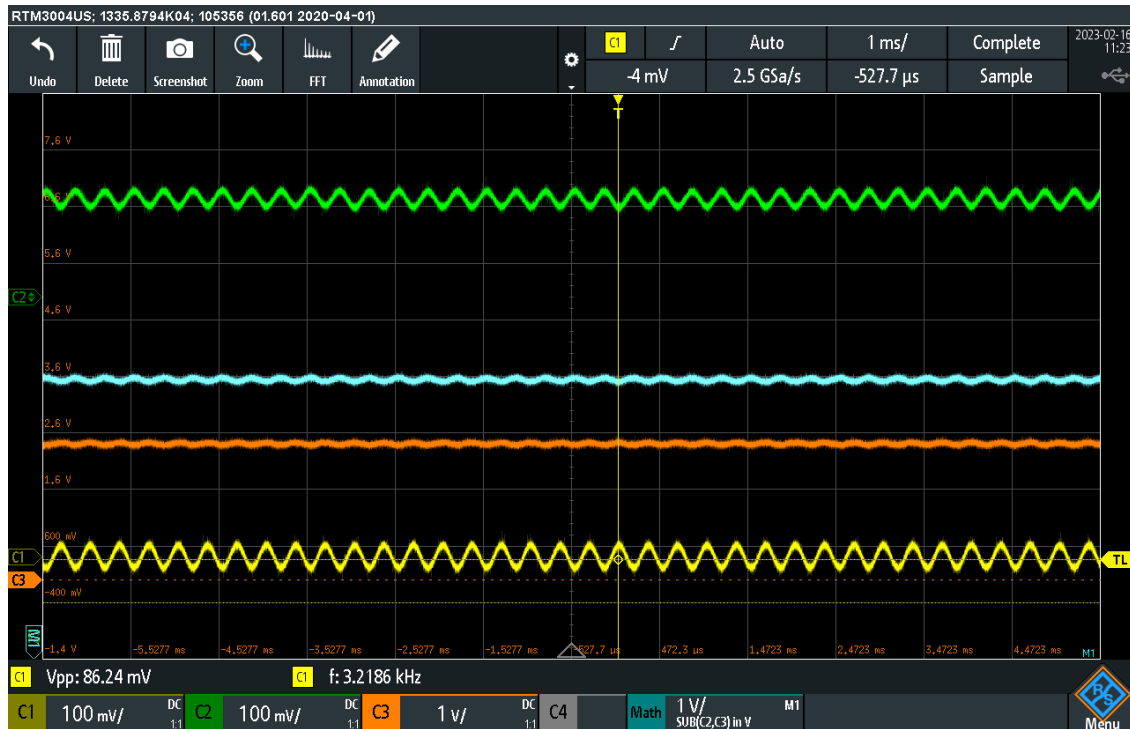


Figure 3: Waveforms given by the oscilloscope for V_{in} , V_E , V_C , V_{CE} .

Conclusion