

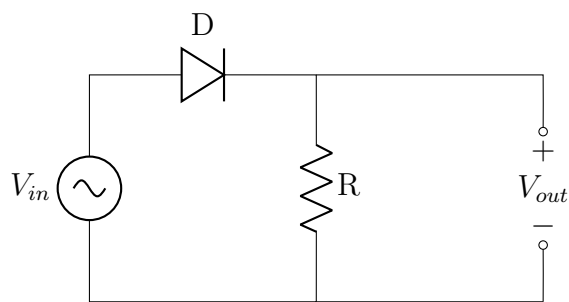
Date: April 30, 2024



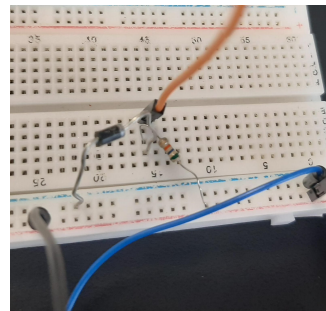
Introduction to Electronics (CIE 212)

Lab Report 1

1 Lab Experiment 1: Half Wave Rectifier



(a)



(b)

Figure 1: Half Wave Rectifier Circuit

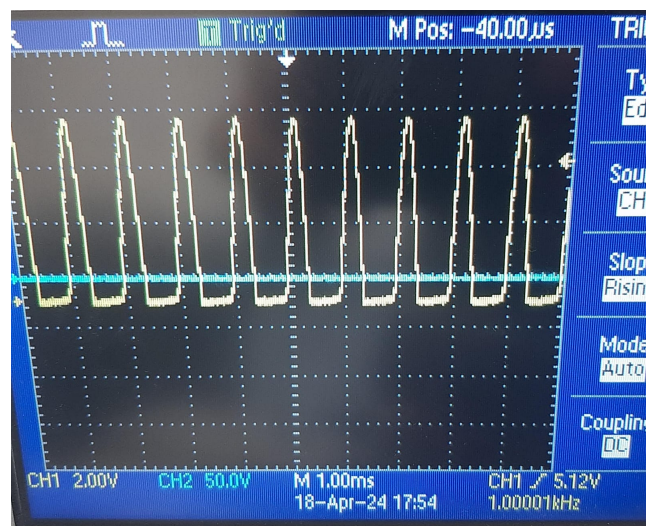


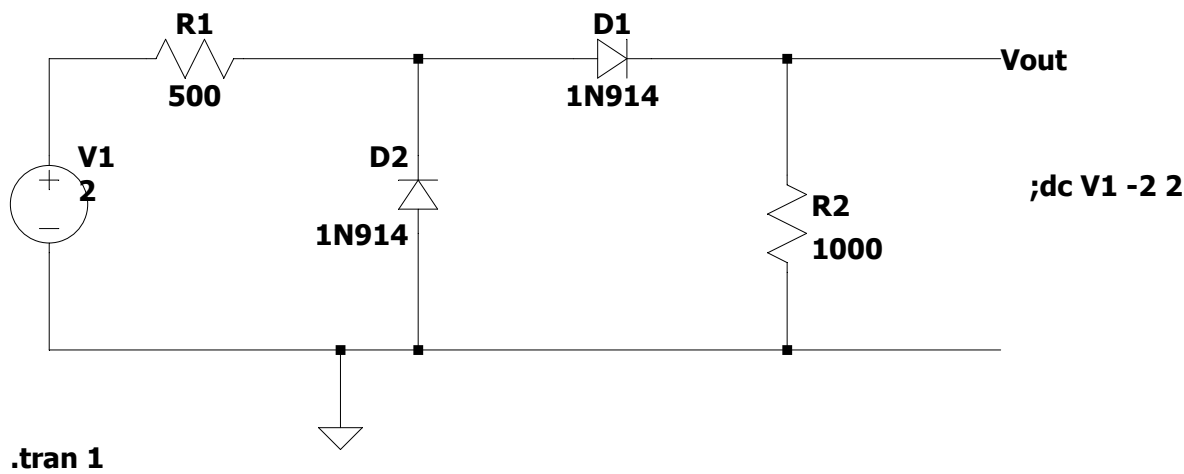
Figure 2: Output Voltage Waveform

2 Lab Experiment 2: Full Wave Rectifier

We did not perform this experiment.

3 Lab Assignment

1.



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Figure 3: Circuit Diagram

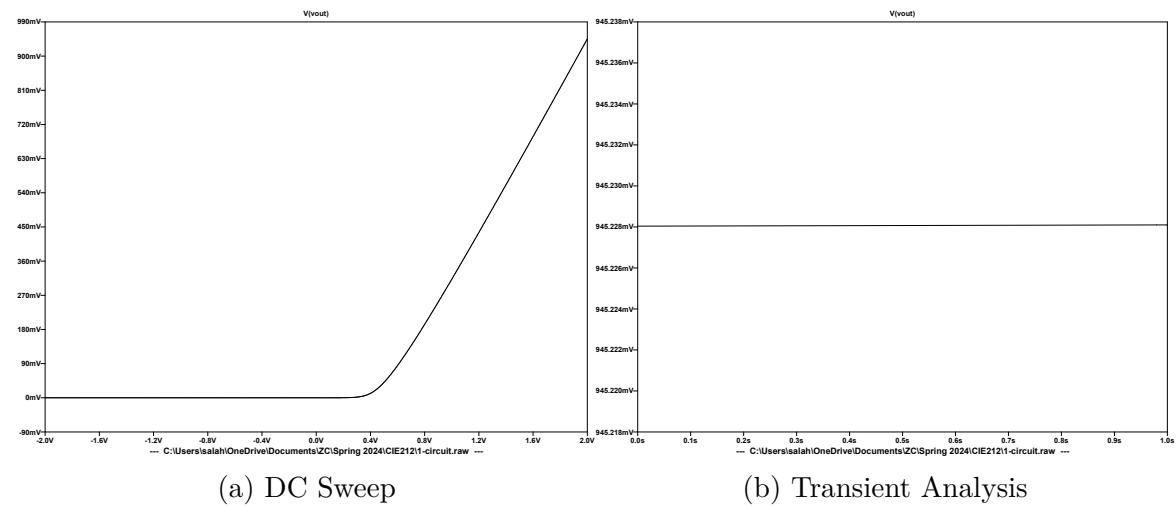


Figure 4: Simulation Results

2.

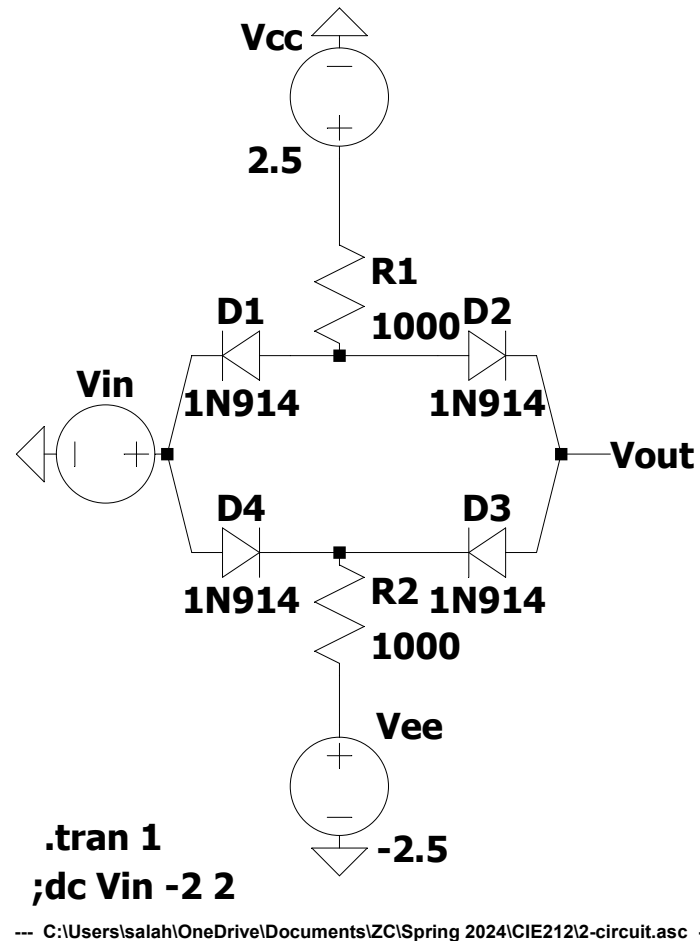


Figure 5: Circuit Diagram

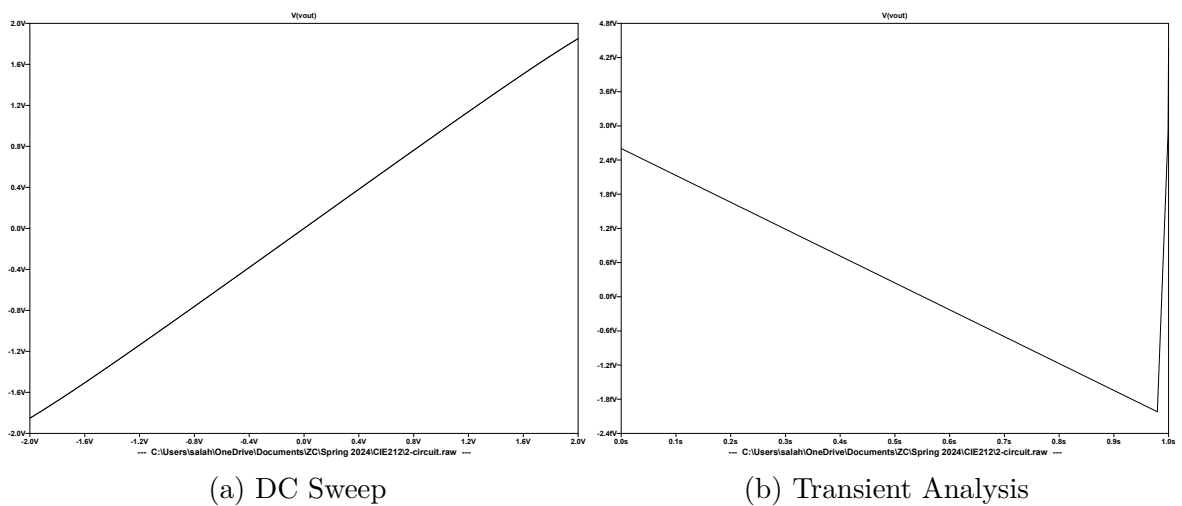
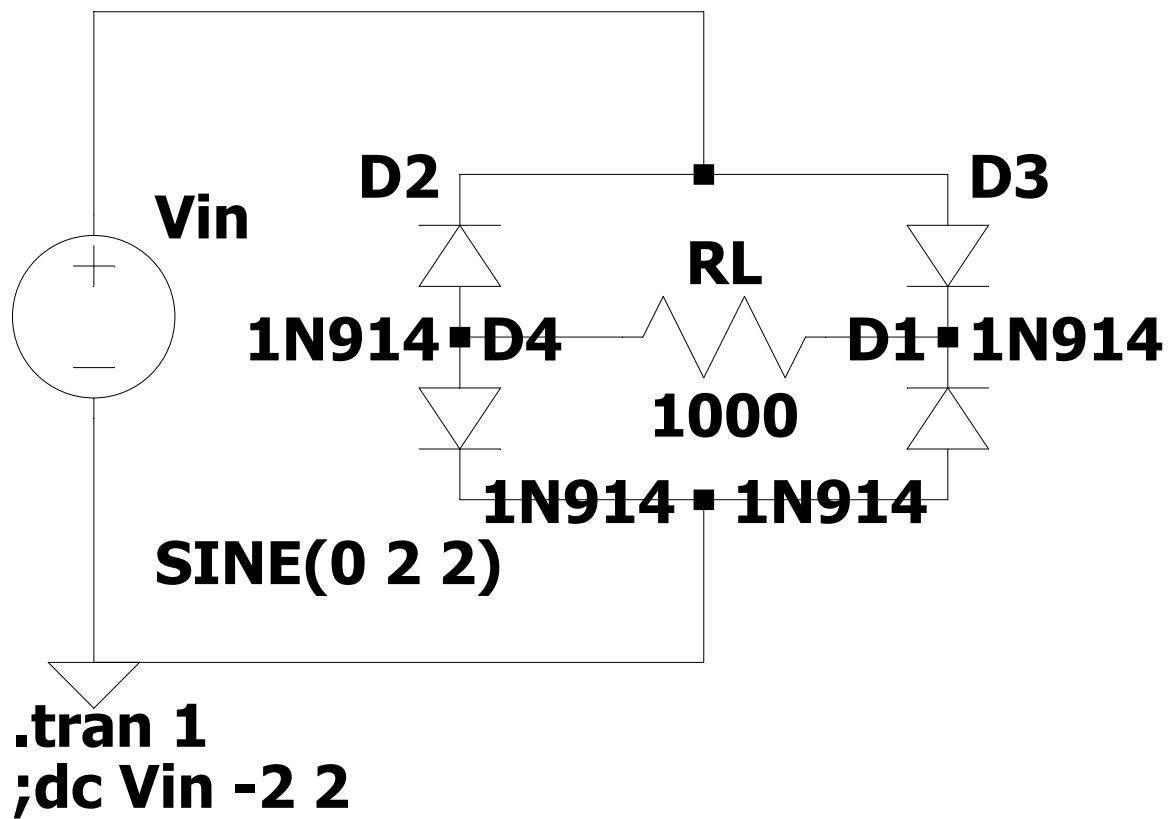


Figure 6: Simulation Results

3.



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Figure 7: Circuit Diagram

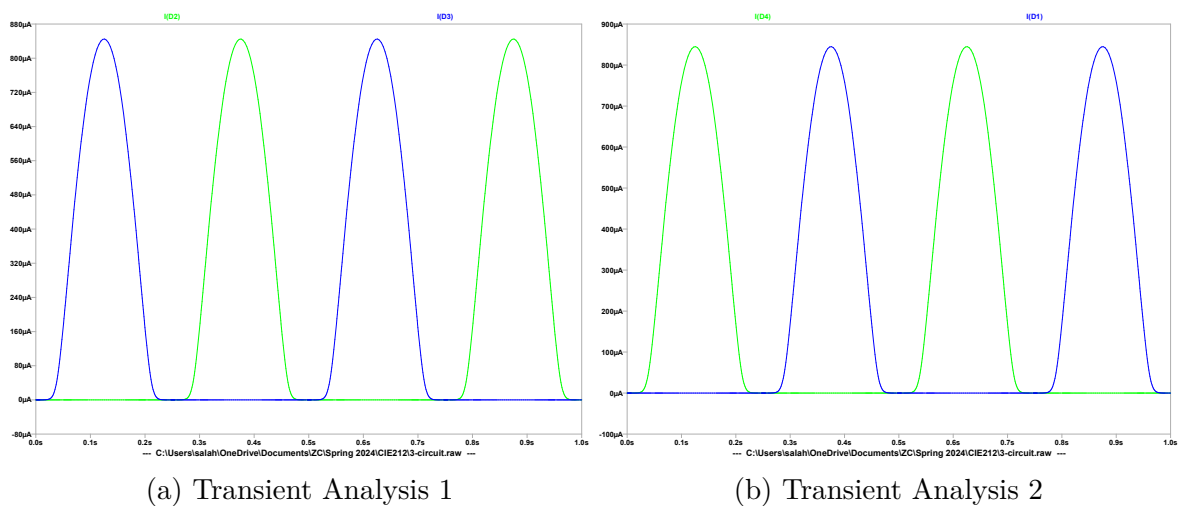


Figure 8: Simulation Results