

Physics 4050H: Project 1

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Todo list

right number?	1
Any other areas?	1

Abstract

We successfully automated PHYS-2250H's lab 4 on operational amplifiers through microcontroller operated wave generation, input element switching, and measurement. Results are similar to those that could be obtained by "manually" completing the lab with most inaccuracy owing to additional resistance in the switching element(s)

Any
other
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1 Introduction

2 High Level Overview

2.1 Wave Generator

2.2 Amplifier Control & Measurement

3 Detailed Methods

3.1 Wave Generator

3.2 Amplifier Control

3.3 Measurement

4 Conclusion

4.1 Results

4.2 Areas for Improvement