

Lab 2: Electric Field and Potential

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Date performed: 09/21/2022

1 Purpose

To study the relationship between electric field and the electric potential difference associated with it.

2 Theory

The relationship between the electric field and electric potential difference will follow the equation $\Delta V = -\int_a^b \vec{E} \cdot d\vec{s}$

3 Experiment Analysis

4 Procedure

5 Data and Graphs

6 Results

7 Questions

8 Conclusion