

Lab 6: The e/m Ratio for Electrons

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PHYS 126, LAB HR81

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Date of Lab: March 6, 2025

- 1 Linearization**
- 2 Background Magnetic Field**
- 3 Earth's Magnetic Field**
- 4 Helmholtz Orientation**
- 5 Magnetic Field Direction**
- 6 Table**
- 7 Graph**
- 8 E/M**
- 9 Comparison**

References

- [1] Department of Physics. *PHYS 126 Lab Manual*. University of Alberta, 2025.
- [2] TA assisted with the lab, and provided guidance on the data collection and analysis.
- [3] Lab partner Morgann Reinhart assisted with the data collection and analysis.