BOSTON UNIVERSITY GRADUATE SCHOOL OF ARTS AND SCIENCES

Dissertation

MEASUREMENT OF THE ANOMALOUS MAGNETIC MOMENT OF THE POSITIVE MUON TO .SOMETHING PARTS PER BILLION

by

NICHOLAS BRENNAN KINNAIRD

B.S., University of Texas at Austin, 2013B.S., University of Texas at Austin, 2013M.A., Boston University, 2016

Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy

Approved by

First Reader

B. L. Roberts, PhD Professor of Physics

Second Reader

R. M. Carey, PhD Professor of Physics

Third Reader

J. P. Miller, PhD Professor of Physics

Dedication

I dedicate this thesis to

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Here go all your acknowledgments. You know, your advisor, funding agency, lab

mates, etc., and of course your family.

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Janusz Konrad

Professor

ECE Department

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NICHOLAS BRENNAN KINNAIRD

Boston University, Graduate School of Arts and Sciences, 2019

Major Professor: B. L. Roberts, Professor of Physics

ABSTRACT

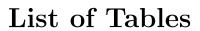
Have you ever wondered why this is called an *abstract*? Weird thing is that its legal to cite the abstract of a dissertation alone, apart from the rest of the manuscript.

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List of Abbreviations

CAD	 Computer-Aided Design
CO	 Cytochrome Oxidase
DOG	 Difference Of Gaussian (distributions)
FWHM	 Full-Width at Half Maximum
LGN	 Lateral Geniculate Nucleus
ODC	 Ocular Dominance Column
PDF	 Probability Distribution Function
\mathbb{R}^2	the Real plane

Introduction

- 1.1 Background
- 1.1.1 Definitions
- 1.1.2 Experiment History
- 1.2 Theory
- 1.2.1 QED
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- 1.2.4 BSM

(Lamport, 1985)

Muon g-2 at Fermilab, E989

2.1 Principle Technique

Magnetic Field Measurement

3.1 Trolley

Straw Tracking

- 4.1 Track Finding
- 4.2 Track Fitting
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ω_a Measurement

- 5.1 Data
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- 5.2.1 Clustering
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- 5.3 Fitting
- 5.4 Systematic Errors

Conclusion

6.1 Final Value

Appendix A

Proof of xyz

This is the appendix.

References

Lamport, L. (1985). \LaTeX A Document Preparation System—User's Guide and Reference Manual. Addison-Wesley.

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CURRICULUM VITAE

Joe Graduate

Basically, this needs to be worked out by each individual, however the same format, margins, typeface, and type size must be used as in the rest of the dissertation.