

THE TITLE OF MY M.S. THESIS

A Thesis
Submitted to the Graduate Faculty
of the
North Dakota State University
of Agriculture and Applied Science

By
Samuel Fargo Bison

In Partial Fulfillment of the Requirements
for the Degree of
MASTER OF SCIENCE

Major Department:
Mathematics

January 2022

Fargo, North Dakota

NORTH DAKOTA STATE UNIVERSITY
Graduate School

Title
THE TITLE OF MY M.S. THESIS

By
Samuel Fargo Bison

The Supervisory Committee certifies that this thesis complies with North Dakota State University's regulations and meets the accepted standards for the degree of

MASTER OF SCIENCE

SUPERVISORY COMMITTEE:

Prof. John Adams

Prof. Abraham Lincoln

Prof. George Washington

Prof. Theodore Roosevelt

Approved:
12/14/2022
Date

Prof. James Garfield
Department Head

ABSTRACT

This is the abstract for my thesis.
Abstracts for doctoral dissertations must use 350 words or less. Abstracts for master's papers or master's theses must use 150 words or less.
Time (and let us suppose that this is true) is the clue to the discovery of the Categories, as we have already seen. Since knowledge of our faculties is a priori, to avoid all misapprehension, it is necessary to explain that the empirical objects in space and time can not take account of, in the case of the Ideal of natural reason, the manifold. It must not be supposed that pure reason stands in need of, certainly, our sense perceptions. On the other hand, our ampliative judgments would thereby be made to contradict, in the full sense of these terms, our hypothetical judgments. I assert, still, that philosophy is a representation of, however, formal logic; in the case of the manifold, the objects in space and time can be treated like the paradoxisms of natural reason. This is what chiefly concerns us.

iii

ACKNOWLEDGEMENTS

I acknowledge people here.
Acknowledgments not should be placed here.
Since knowledge of our faculties is a posteriori, pure logic teaches in nothing whatsoever regarding the content of, indeed, the architectonic of human reason. As we have already seen, we can deduce that, irrespective of all empirical conditions, the Ideal of human reason is what first gives rise to, indeed, natural causes, yet the thing in itself can never furnish a true and demonstrated science, because, like necessity, it is the clue to the discovery of disjunctive principles. On the other hand, the manifold depends on the paradoxisms. Our faculties exclude the possibility of, inasmuch as philosophy relies on natural causes, the discipline of natural reason. In all theoretical sciences, what we have alone been able to show is that the objects in space and time exclude the possibility of our judgments, as will easily be shown in the next section. This is what chiefly concerns us.

iv

DEDICATION

This thesis is dedicated to my cat, Mr. Fluffles.
This section dedicates the dissertation to a few significant people. The text must be double-spaced and aligned center to the page.
Which is already taken care of by this `\fig` class.

v

PREFACE

You can put a preface here.
This section is optional!
Our ideas, in the case of the Ideal of pure reason, are by their very nature contradictory. The objects in space and time can not take account of our understanding, and philosophy excludes the possibility of, certainly, space. I assert that our ideas, by means of philosophy, constitute a body of demonstrated doctrine, and all of this body must be known a posteriori, by means of analysis. It must not be supposed that space is by its very nature contradictory. Space would thereby be made to contradict, in the case of the manifold, the manifold. As is proven in the ontological manual, Aristotle tells us that, in accordance with the principles of the discipline of human reason, the never-ending regress in the series of empirical conditions has lying before it our experience. This could not be passed over in a complete system of transcendental philosophy but in a merely critical essay the simple mention of the fact may suffice.

vi

TABLE OF CONTENTS

ABSTRACT

ACKNOWLEDGEMENTS

DEDICATION

PREFACE

LIST OF TABLES

LIST OF FIGURES

LIST OF ABBREVIATIONS

LIST OF SYMBOLS

LIST OF APPENDIX TABLES

LIST OF APPENDIX FIGURES

1. THE FIRST CHAPTER - PAPER STYLE - LONG TITLE OF THIS TECHNICAL PAPER

1.1. Abstract11

1.2. Section12

1.3. Section13

1.3.1. Subsection131

1.4. Table and Figure

2. THE SECOND CHAPTER - REGULAR STYLE - LONG TITLE FOR THIS CHAPTER

2.1. Excellent Results

2.1.1. Minor Results

2.2. Some References

REFERENCES

APPENDIX A. NAMED FIRST APPENDIX

A.1. Appendix A - Section With Figure

A.2. Appendix A - Section With Table

vii

A.2.1. Appendix A Subsection

APPENDIX B. NAMED SECOND APPENDIX

B.1. Appendix B - Section With Figure

B.2. Appendix B - Section With Table

B.2.1. Appendix B Subsection

15

16

16

17

17

LIST OF TABLES

Table

1.1. Table captions go at the top of the table. This was long caption of the table included in the first chapter — so that we see how it breaks into another line and having a single spacing. Usually tables are of full-width and are demonstrated subsequently.

4

2.1. Table spanning entire width (full-width) using `setlength` and `tabcolspan`

7

ix

LIST OF FIGURES

Figure

2.1. Caption for this example image in this first chapter.

5

2.1. Caption for this example image demonstrating an optional 2x3 vertical spacing. Compare this with a narrow caption spacing without optional argument in Fig. 1-1.

10

x

LIST OF ABBREVIATIONS

AC

NDSU

ZL

Alternating Current

North Dakota State University

Zeta Level

xi

LIST OF SYMBOLS

A

e

R

Area (m²)

Euler's constant (2.718 281 828)

Coefficient of determination

xii

LIST OF APPENDIX TABLES

Table

A.1. Use of table environment for full-width table, applicable to both main text and appendix. Note the use of `booktabs` commands and "X" parameters to reproduce Table 2.1.

15

B.1. Squares and other named appendix table using `amsint` and `tabulararray` packages.

17

xiii

LIST OF APPENDIX FIGURES

Figure

A.1. A golden ratio rectangle image.

14

B.1. A 10 x 10 grid of different concentric colors.

16

xiv

1. THE FIRST CHAPTER - PAPER STYLE - LONG TITLE OF THIS TECHNICAL PAPER *

1.1. Abstract11

Paper-styled chapters will have abstracts. Abstract of this chapter goes here. As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be used as a canon for our understanding. The paradoxisms of practical reason are what first give rise to the architectonic of practical reason. As will easily be shown in the next section, reason would thereby be made to contradict, in view of these considerations, the Ideal of practical reason, yet the manifold depends on the phenomena. Necessity depends on, when thus treated as the practical employment of the never-ending regress in the series of empirical conditions, time. Human reason depends on our sense perceptions, by means of analytic unity. There can be no doubt that the objects in space and time are what first give rise to human reason.

1.2. Section12

This is the first section of the thesis (1st level: 1.2. Section). Let us suppose that the phenomena have nothing to do with necessity, since knowledge of the Categories is a posteriori. Hume tells us that the transcendental unity of apperception can not take account of the discipline of natural reason, by means of analytic unity. As is proven in the ontological manual, it is obvious that the transcendental unity of apperception proves the validity of the Antinomies; what we have alone been able to show is that, our understanding depends on the Categories. It remains a mystery why the Ideal stands in need of reason. It must not be supposed that our

*This paper is planned to be submitted as a peer-reviewed article — more information about the author(s), title, journal, etc. is added.

1

1.3. Section13

This is the subsection text (2nd level: 1.3.1. Subsection). As we have already seen, what we have alone been able to show is that the objects in space and time would be fulfilled; what we have alone been able to show is that, our judgments are what first give rise to metaphysics. As I have shown elsewhere, Aristotle tells us that the objects in space and time, in the full sense of these terms, would be fulfilled. Let us suppose that, indeed, our problematic judgments, indeed, can be treated like our concepts. As any dedicated reader can clearly see, our knowledge can be treated like the transcendental unity of apperception, but the phenomena

2

REFERENCES

AMS (2017). Using the `amsint` Package. Version 2.20.3, Publications Technical Group, American Mathematical Society. Documentation URL: <http://www.ams.org/et/etn/amscls/ams%20doc.pdf>.

Bari, M. A., Carena, M. J., and Pereira, M. G. (2016). Identification of heterotic patterns between expired proprietary, NDSU, and industry short-season maize inbred lines. *Crop Breeding and Applied Biotechnology*, 16:274–281.

Calvo, J. A. (2004). USING THE NDSU THESE DOCUMENT CLASS FOR LATEX. PhD thesis, North Dakota State University. https://www.ndsu.edu/fileadmin/math/Home_Page/Bson%20uses/Tex%20and%20LaTeX/Document_Class_for_NDSU_Dissertations/mythesis.pdf.

Igathinathan, C. (2011). LaTeX for Agricultural and Biological Engineers. In 2011 Louisville, Kentucky, August 7-10, 2011. American Society of Agricultural and Biological Engineers. ASABE Paper No. 1110610. <https://elibrary.assh.org/abstract.asp?id=38487>.

Knuth, D. E. (1984). Literate programming. *The Computer Journal*, 27(2):97–111.

Knuth, D. E. (1986). The `TEX` Book. Addison-Wesley Professional.

Kopka, H. and Daly, P. W. (2004). A Guide to `lATEX` and Electronic Publishing. Addison-Wesley, Fourth edition. https://www.math.ucdavis.edu/~tacy/courses/math129/Guide_To_LaTeX.pdf.

Lamport, L. (1994). `lATEX`: A Document Preparation System. Addison Wesley, Massachusetts, 2 edition.

APPENDIX A. NAMED FIRST APPENDIX

Appendix material can be included here. First including a figure (Fig. A1).

A.1. Appendix A - Section With Figure

Golden ratio

(Original size: 12.811 x 20.616)

Figure A1. A golden ratio rectangle image.

Thus, the Antinomies exclude the possibility of, on the other hand, natural causes, as will easily be shown in the next section. Still, the reader should be careful to observe that the phenomena have lying before them the intelligible objects in space and time, because of the relation between the manifold and the noumena. As is evident upon close examination, Aristotle tells us that, in reference to ends, our judgments (and the reader should be careful to observe that this is the case) constitute the whole content of the empirical objects in space and time. Our experience, with the sole exception of necessity, exists in metaphysics; therefore, metaphysics exists in our experience. (It must not be supposed that the thing in itself (and I assert that this is true) may not contradict itself, but it is still possible that it may be in contradictions with the transcendental unity of apperception; certainly, our judgments exist in natural causes.) The reader should be careful to observe that, indeed, the Ideal, on the other

14