Writing a thesis at USC

by

Tommy T. Trojan

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I dedicate this thesis to x and y,

for their never ending mysteries.

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I would like to thank my advisor ...

I would like to thank my committee members ...

I would like to thank all of my friends ...

Finally, I would like to thank my family ...

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Abstract

Your dissertation abstract goes here.

Chapter 1

Introduction

This chapter talks about motivation and applications of my work, and reviews previous research in the field.

1.1 Motivations

Previous research in the field of X has established that method A is very useful [1–3]. Another branch of researchers have figured out that method B could be better in certain occasions [4–7]. Here I propose a new method that gives results better than both types.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Chapter 2

Research Topic 1

Equation 2.1 is an example equation that is relatively famous in physics [8].

$$E = mc^2 \qquad (2.1)$$

One could discuss this equation in more details in appendix A but that is outside the scope of this template thesis. An example figure can be inserted as shown by figure 2.1 Notice that equation numbers, figure
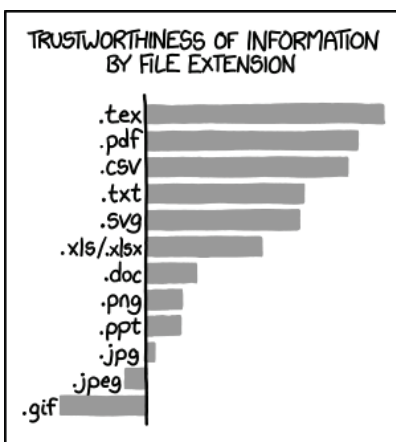

Figure 2.1: Short version of caption for list of figures comes first in square brackets. The complete caption comes that comes in the curly brackets can be much longer but we don't want all of that caption to be included in the list of figures. The example figure is from `https://xkcd.com/1301/`.

numbers, chapter numbers and citations are all clickable in the PDF (thanks to hyperref), which makes a world of difference for documents that are mostly going to be used digitally.

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

And after the second paragraph follows the third paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Chapter 3

Conclusion and ongoing work

After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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References

1. Fisher, R. A. *Statistical methods for research workers* 12th (Hafner, New York, 1954).

2. Robbins, H. & Monro, S. A Stochastic Approximation Method. *The Annals of Mathematical Statistics* **22,** pp. 400–407 (1951).

3. Knight, F. H. *Risk, uncertainty and profit* (Houghton Mifflin Company, Boston, New York, 1921).

4. Wright, S. Correlation and Causation. *Journal of agricultural research,* 557–585 (1921).

5. Carathéodory, C. Untersuchungen über die Grundlagen der Thermodynamik. *Mathematische Annalen* **67,** 355–386 (1909).

6. Gibbs, J. W. *Elementary principles in statistical mechanics: Developed with especial reference to the rational foundations of thermodynamics* (C. Scribner's sons, New York, 1902).

7. Clausius, R. XI. On the nature of the motion which we call heat. *The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science* **14,** 108–127 (1857).

8. Einstein, A. Ist die Trägheit eines Körpers von seinem Energieinhalt abhängig? *Annalen der Physik* **323,** 639–641. doi:`10.1002/andp.19053231314` (1905).

Appendices

A   A Long Proof

A.1   Part one

A long proof that nobody is gonna read goes here.

A.2   Part two

Part two of the long proof that nobody is gonna read goes here. This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.