Dummy Titlepage

Firstname Lastname

Spring 202X

FY3900 - Master Thesis in Physics

Master of Science in Physics (MSPHYS)

Department of Physics

Norwegian University of Science and Technology

Abstract

English abstract of thesis. Should contain no abbreviations unless properly defined, and be self-consistent. Example: Einstein developed the theory of general relativity (GR). Now, GR can be used as an abbreviation.

Sammendrag

Norsk sammendrag av oppgaven. Det kan være vanskelig å oversette, så bruk god tid på å finne gode formuleringer.
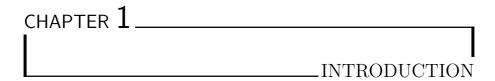
Preface

Personal reflection and acknowledgments.

Firstname Lastname

Firstname Lastname
Trondheim, Norway
Month Year

CONTENTS

CHAPTER 1

INTRODUCTION

1.1 History and Motivation

This is where you set the context for your thesis, by reviewing historic development in the field, and argue why the problem you want to solve is relevant. Typically a short review of references. Example: The book in ref. [1] is great, and the work of Thouless et al. [2], Tomonaga [3] is very nice.

1.2 Structure of Thesis

The introduction is in chapter 1. In chapter 2 you can see how a normal chapter looks like. At the end you can find appendices A and B.

CHAPTER 2

THE FIRST CHAPTER

This is a normal chapter [1]. Cleveref is nice, since the same command can be used to refer to chapters: chapter 2, equations: eq. (A.1), and sections: section 2.1 etc.

This is what a todo-note looks like inline

In thesis.sty, the suggestion-command is defined.
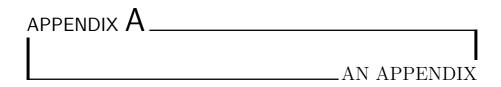
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2.1 Longer title that will not appear in table of contents

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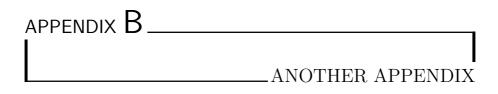
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[1]and this is how a footnote appear.

BIBLIOGRAPHY

[1] A. Altland and B. D. Simons. *Condensed Matter Field Theory.* Cambridge University Press, Cambridge, 2 edition, 2010. ISBN 9780511789984. doi:10.1017/CBO9780511789984.

[2] D. J. Thouless, M. Kohmoto, M. P. Nightingale, and M. den Nijs. Quantized Hall Conductance in a Two-Dimensional Periodic Potential. *Physical Review Letters*, 49(6):405–408, aug 1982. doi:10.1103/PhysRevLett.49.405.

[3] S.-i. Tomonaga. Remarks on Bloch's Method of Sound Waves applied to Many-Fermion Problems. *Progress of Theoretical Physics*, 5(4):544–569, jul 1950. doi:10.1143/ptp/5.4.544.

APPENDIX A

AN APPENDIX

Notice that the equation

$$H = \sum_k \epsilon_k c_k^\dagger c_k \tag{A.1}$$

gets a "A".

APPENDIX B

ANOTHER APPENDIX

$$H = \sum_k \epsilon_k c_k^\dagger c_k \qquad (B.1)$$

Here, the equation gets a "B".

TODO LIST