

THIS IS THE TITLE

This thesis could have a subtitle that often could be somewhat longer than the title, and also stretch over several lines.

THE AUTHORS FULL NAME IN CAPITAL LETTERS

SUPERVISOR

Supervisor's full name

Acknowledgements

Abstract

Contents

Acknowledgements	i
Abstract	ii
List of Figures	v
List of Tables	vii
1 Introduction	1
1.1 Some Examples using L ^A T _E X	1
1.1.1 Using the Bibliography	1
1.1.2 Writing Mathematics	1
1.1.3 Programming Code	1
1.1.4 Inserting Tables	2
1.1.5 Including figures	2
1.1.6 Multicolumn	3
2 Theory on ...	4
3 Methods in ...	5
4 Results on ...	6
5 Discussions	7
6 Conclusions	8
A Datasheet A	9
Bibliography	10

List of Figures

1.1	The figure Caption	2
-----	------------------------------	---

List of Tables

1.1	The table Caption	2
-----	-----------------------------	---

Chapter 1

Introduction

This template is meant as an example of how a technical report can be structured. Discuss the table of content and the names of the chapters with the group members and supervisor to suit your specific report.

1.1 Some Examples using L^AT_EX

1.1.1 Using the Bibliography

This is an example of how to use the bibliography and citations. Cite to Einstein [2], or something else [1].

1.1.2 Writing Mathematics

This is some examples of how to write math in L^AT_EX.

$$y(x) = \frac{\sin x}{e^x} \tag{1.1}$$

We can refer to the equation by using the label, like this: eq 1.1.

We can choose wether to number the equation or not:

$$y(x) = \frac{\sin x}{e^x}$$

Lastly, we can write inline math: $y = a \cdot x + b$

1.1.3 Programming Code

Inline MATLAB code: `variabel = max(input)`

MATLAB code in section:

```
for i = 1 : 10
% Skriv kode her
end
```

1.1.4 Inserting Tables

Variable	Value
θ	10
ω	40

Table 1.1: The table Caption

This table can be referred to by using the label, like this: table 1.1.

1.1.5 Including figures



Figure 1.1: The figure Caption

This figure can be referred to by using the label, like this: figure 1.1.

1.1.6 Multicolumn

Text to describe for example a photo. Here we can write really long sentences just to prove the concept of the minipage, which is that the text will follow the width of the minipage that we have specified. In this case it was 45 % of the total textwidth, with a small spacing in between, using the command "hspace". If we would like the text to start further up in the minipage, we can use the command "vspace" in front of the text, to shift it vertically.



Chapter 2

Theory on ...

Chapter 3

Methods in ...

Chapter 4

Results on ...

Chapter 5

Discussions

Chapter 6

Conclusions

Appendix A

Datasheet A

Bibliography

- [1] Paul Adrien Maurice Dirac. *The Principles of Quantum Mechanics*. International series of monographs on physics. Clarendon Press, 1981. ISBN: 9780198520115.
- [2] Albert Einstein. “Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies].” In: *Annalen der Physik* 322.10 (1905), pp. 891–921. DOI: <http://dx.doi.org/10.1002/andp.19053221004>.