



# Thesis Title

Semester/Master Thesis

Author: Siddhant Ray

Tutor: Name of the tutor(s)

Supervisor: Prof. Dr. Laurent Vanbever

December 2019 to July 2020

### **Abstract**

An abstract is a short summary placed prior to the introduction used to help readers determine the purpose of the thesis. While the length of the abstract varies by field of study, it is typically a paragraph in length (3-5 sentences), and never more than a page.

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Motivation . . . . .	1
1.2	Task and Goals . . . . .	1
1.3	Overview . . . . .	1
<b>2</b>	<b>Background and Related Work</b>	<b>2</b>
2.1	Background . . . . .	2
2.2	Related Work . . . . .	2
<b>3</b>	<b>Design</b>	<b>3</b>
<b>4</b>	<b>Evaluation</b>	<b>4</b>
<b>5</b>	<b>Outlook</b>	<b>5</b>
<b>6</b>	<b>Summary</b>	<b>6</b>
<b>A</b>	<b>My Appendix</b>	<b>I</b>
	<b>References</b>	<b>I</b>

# Chapter 1

## Introduction

Motivate the problem, introduce your work and give an overview of the report.

### 1.1 Motivation

The motivation to write this thesis was ...

### 1.2 Task and Goals

Describe your task and the goals you achieved.

### 1.3 Overview

Section 2 describes ..., Section 3 presents ...

## Chapter 2

# Background and Related Work

In this chapter, we give the reader the required background knowledge in order to understand our work. In addition, we also discuss related work.

A chapter can be further divided in sections and subsections. We can also refer to such a section 2.1.

### 2.1 Background

- A simple bullet list
  - Which can be used for several levels

1. The same applies to enumerated lists.

We can also add a figure 2.1.

**ETH**zürich



Figure 2.1: This is a figure caption

Tables can also be useful.<sup>1</sup>

Column 1	Column 2	Column 3
	(additional line)	
C1,R2	C2,R2	C2,R3
C1,R3	C2&C3,R3	
C1,R4	C2,R4	C3,R4

Table 2.1: Table 1

### 2.2 Related Work

If we refer to another paper, book, website, ... we add a citation [?].

<sup>1</sup>Tips for beautiful tables: <https://texdoc.net/texmf-dist/doc/latex/booktabs/booktabs.pdf>

## Chapter 3

# Design

This chapter describes your work in detail and is normally the longest chapter. You can also create multiple chapters describing your work.

It is often useful to format your text with **bold** or *italic words*. In addition, it can be helpful to format text as verbatim:

```
Verbatim representation
  of      my
text.
```

Finally, you can also add a mathematical formula inline  $a^2 + b^2 = c^2$  or in its own block:

$$\cos(2\theta) = \cos^2 \theta - \sin^2 \theta \tag{3.1}$$

## Chapter 4

# Evaluation

Another important chapter is the evaluation which should clearly describe the experiments you performed (setup, number of measurements, ...), show the results you achieved in figures and/or tables and discuss and compare the results.

## Chapter 5

# Outlook

What are consequences of your work? Do you see possibilities for future work?



## Chapter 6

# Summary

Give a final, short summary of your work.

## Appendix A

# My Appendix

If you want to add material which is not absolutely necessary to understand and follow your work, put it in the appendix. Here you could also show important code snippets or additional plots.