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Master's thesis in Computer science and engineering

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CHALMERS UNIVERSITY OF TECHNOLOGY
UNIVERSITY OF GOTHENBURG
Gothenburg, Sweden 2021

Master's thesis 2021

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Abstract

Abstract text about your project in Computer Science and Engineering.

Keywords: Computer, science, computer science, engineering, project, thesis.

Acknowledgements

Here, you can say thank you to your supervisor(s), company advisors and other people that supported you during your project.

Name Familyname, Gothenburg, June 2021

Contents

List of Figures

List of Tables

1 Introduction

This chapter presents the section levels that can be used in the template.

1.1 Section levels

The following table presents an overview of the section levels that are used in this document. The number of levels that are numbered and included in the table of contents is set in the settings file `Settings.tex`. The levels are shown in Section 1.2.

Name	Command
Chapter	\chapter{*Chapter name*}
Section	\section{*Section name*}
Subsection	\subsection{*Subsection name*}
Subsubsection	\subsubsection{*Subsubsection name*}

1.2 Section

1.2.1 Subsection

1.2.1.1 Subsubsection

2

Theory

In the following sections, examples of a figure, an equation, a table and a source code listing are shown.

2.1 Figure

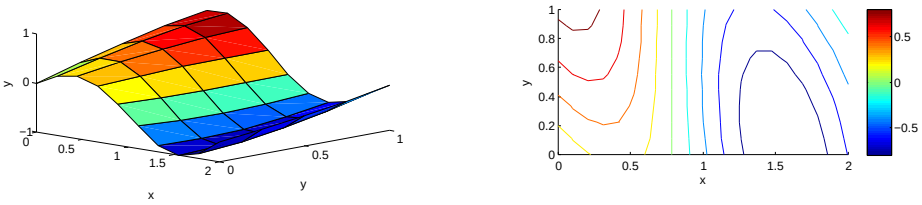


Figure 2.1: Surface and contour plots showing the two dimensional function $z(x, y) = \sin(x + y)\cos(2x)$.

2.2 Equation

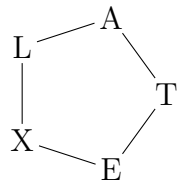
$$f(t) = \begin{cases} 1, & t < 1 \\ t^2 & t \geq 1 \end{cases} \tag{2.1}$$

2.3 Table

Table 2.1: Values of $f(t)$ for $t = 0, 1, \ldots 5$.

t	0	1	2	3	4	5
$f(t)$	1	1	4	9	16	25

2.4 Chemical structure



2.5 Source code listing

```
% Generate x- and y-nodes
x=linspace(0,1); y=linspace(0,1);

% Calculate z=f(x,y)
for i=1:length(x)
 for j=1:length(y)
  z(i,j)=x(i)+2*y(j);
 end
end
```

2.5.1 Other alternatives to the Theory chapter

Sometimes, it is more appropriate to name this chapter Background.
At CSE, there exists a large span of different types of thesis works. Sometimes it is more appropriate to join the Theory and Methods chapters, sometimes the Theory chapter would be so small that it should be a subsection. Talk to your supervisor to find the most appropriate structure for your thesis.

3
Methods

Methods text.

4
Results

Describe you results. Use tables, diagrams etc. for illustration.

5
Conclusion

You may consider to instead divide this chapter into discussion of the results and a summary.

5.1 Discussion

5.2 Conclusion

Bibliography

[1] Frisk, D. (2016) A Chalmers University of Technology Master's thesis template for LaTeX. Unpublished.

A

Appendix 1