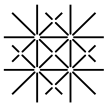


University
of Basel

Thesis Title

Thesis Type

Natural Science Faculty of the University of Basel
Department of Mathematics and Computer Science
Group
Webpage

Examiner: Examiner
Supervisor: Supervisor

Authors
E-Mail
0000-000-000

Hand-In-Date

Abstract

This thesis discusses the thesis template using some examples of the Turing Machine.

Table of Contents

1 Introduction

This is the introduction of the thesis template. The goal[1] is to give students a help to format and style their bachelor's or master's thesis. Please make sure to always use the most current version of this template, by downloading it always from the git repository.[2] By the way, we will use throughout this tutorial some references to Turing's imitation game [**?**] and the Turing machine [**?**].

[1] Furthermore, this document shows how to use the template
[2] http://www.github.com/navige/unibas-latex

2
Body of the Thesis

This is the body of the thesis.

2.1 Equations

A Turing Machine is a 7-Tuple:

$$M = \langle Q, \Gamma, b, \Sigma, \delta, q_0, F \rangle \tag{2.1}$$

A Turing Machine is a 7-Tuple even if defined in the text, as in $M = \langle Q, \Gamma, b, \Sigma, \delta, q_0, F \rangle$.

2.1.1 Tables

Some tables can also be used as shown in Table 2.1. Remember that tables might be positioned elsewhere in the document. You can force positioning by putting a `ht!` in the definition.

Title	f	Comments
The chemical basis of morphogenesis	7327	
On computable numbers, with an application to the ...	6347	Turing Machine
Computing machinery and intelligence	6130	

Table 2.1: Frequency of Paper Citations. By the way: Make sure to put the label always below the caption, otherwise Latex might reference wrongly!

2.1.2 Figures

Figures are nice to show concepts visually. For organising well your thesis, put all figures in the Figures folder. Figure 2.1 shows how to insert an image into your document. Figure 2.2 references a figure with multiple sub-figures.

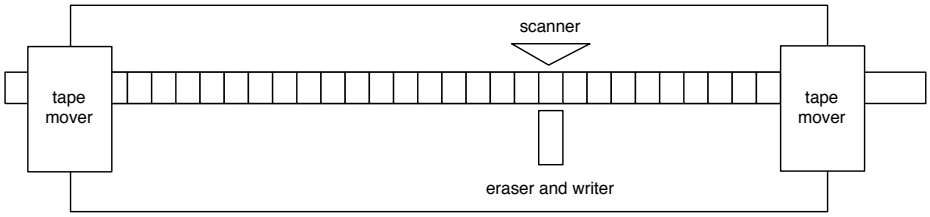
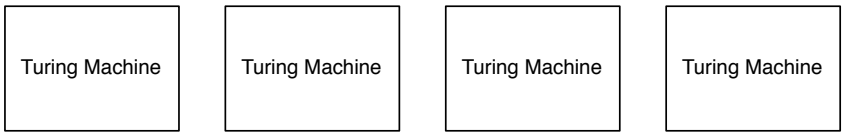


Figure 2.1: A Turing machine.



(a) Turing Machine 1 (b) Turing Machine 2 (c) Turing Machine 3 (d) Turing Machine 4

Figure 2.2: Plots of four Turing machines

3 Conclusion

Conclude your thesis with a short conclusion.

A

Appendix

Declaration on Scientific Integrity
Erklärung zur wissenschaftlichen Redlichkeit

includes Declaration on Plagiarism and Fraud
beinhaltet Erklärung zu Plagiat und Betrug

Author — Autor
Authors

Matriculation number — Matrikelnummer
0000-000-000

Title of work — Titel der Arbeit
Thesis Title

Type of work — Typ der Arbeit
Thesis Type

Declaration — Erklärung
I hereby declare that this submission is my own work and that I have fully acknowledged the assistance received in completing this work and that it contains no material that has not been formally acknowledged. I have mentioned all source materials used and have cited these in accordance with recognised scientific rules.

Hiermit erkläre ich, dass mir bei der Abfassung dieser Arbeit nur die darin angegebene Hilfe zuteil wurde und dass ich sie nur mit den in der Arbeit angegebenen Hilfsmitteln verfasst habe. Ich habe sämtliche verwendeten Quellen erwähnt und gemäss anerkannten wissenschaftlichen Regeln zitiert.

Basel, Hand-In-Date

Signature — Unterschrift