

Writing your thesis with LaTeX

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-Dr.-Ing.-

genehmigte Dissertation

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Gutachter: -

Gutachter: -

Gutachter: -

Tag der wissenschaftlichen Aussprache: XX. xxxx 2016

Berlin 2016

D 83

Zusammenfassung

Hier kommt der deutsche Abstrakt rein...

Abstract

Put your abstract here...

Dedicated to my beloved wife.

Acknowledgements

I would like to acknowledge the thousands of individuals who have coded for open-source projects for free. It is due to their efforts that scientific work with powerful tools is possible.

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Abbreviations

ATP adenosintriphosphat. 1

1

Introduction

1.1 put section name here

Write your text without any further commands, like this:.... Any organised system requires energy, be it a machine of some kind or a live organism. Energy is needed to win the uphill battle against entropy and pull together lifeless molecules to be able to do something in this world, like complete a PhD.

1.1.1 Name your subsection

Different organised systems have different energy currencies. The machines that enable us to do science like sizzling electricity but at a controlled voltage¹. Earth's living beings are no different, except that they have developed another preference. They thrive on various chemicals.

Most organisms use polymers of glucose units for energy storage and differ only slightly in the way they link together monomers to sometimes gigantic macromolecules. Dextran of bacteria is made from long chains of α -1,6-linked glucose units.

Starch of plants and glycogen of animals consists of α -1,4-glycosidic glucose polymers [1]. See figure 1.1 for a comparison of glucose polymer structure and chemistry.

Two references can be placed separated by a comma [1, 2].

Insulin stimulates the following processes:

- muscle and fat cells remove glucose from the blood,
- cells breakdown glucose via glycolysis and the citrate cycle, storing its energy in the form of adenosintriphosphat (ATP),
- liver and muscle store glucose as glycogen as a short-term energy reserve,
- adipose tissue stores glucose as fat for long-term energy reserve, and
- cells use glucose for protein synthesis.

¹Footnote example

1. INTRODUCTION

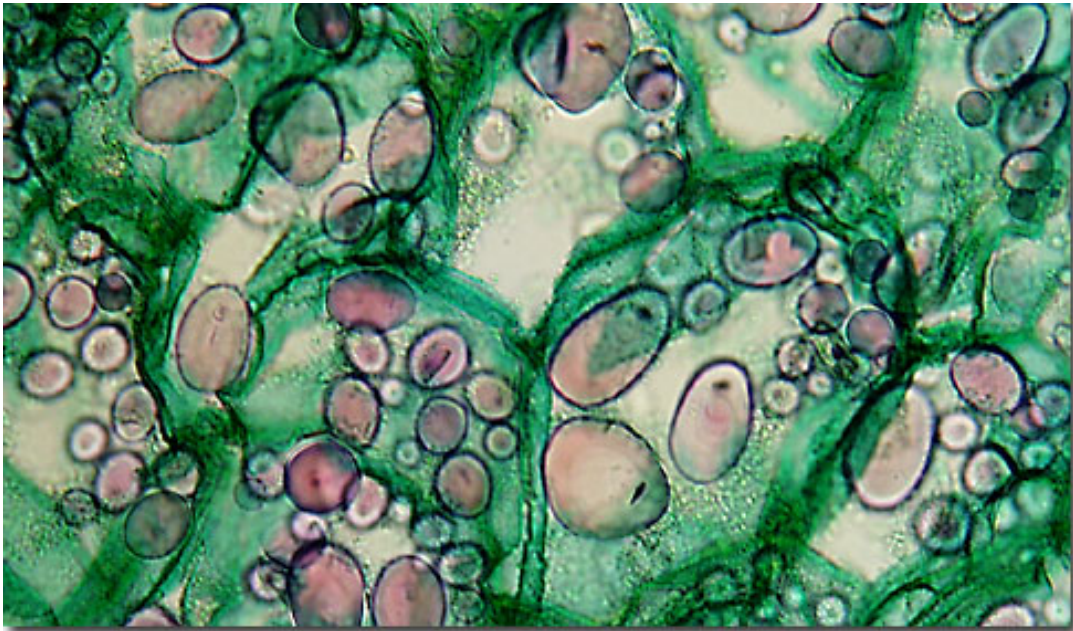


Figure 1.1: A common glucose polymers - The figure shows starch granules in potato cells, taken from Molecular Expressions.

| Gene | GeneID | Length |
|---------------|--------|-----------|
| human latexin | 1234 | 14.9 kbps |
| mouse latexin | 2345 | 10.1 kbps |
| rat latexin | 3456 | 9.6 kbps |

Table 1.1: title of table - Overview of latexin genes.



State of the Art

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2. STATE OF THE ART

2. two

(a) two one

(b) two two

3. three

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2.2 Preliminary aims

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3

Including tikz

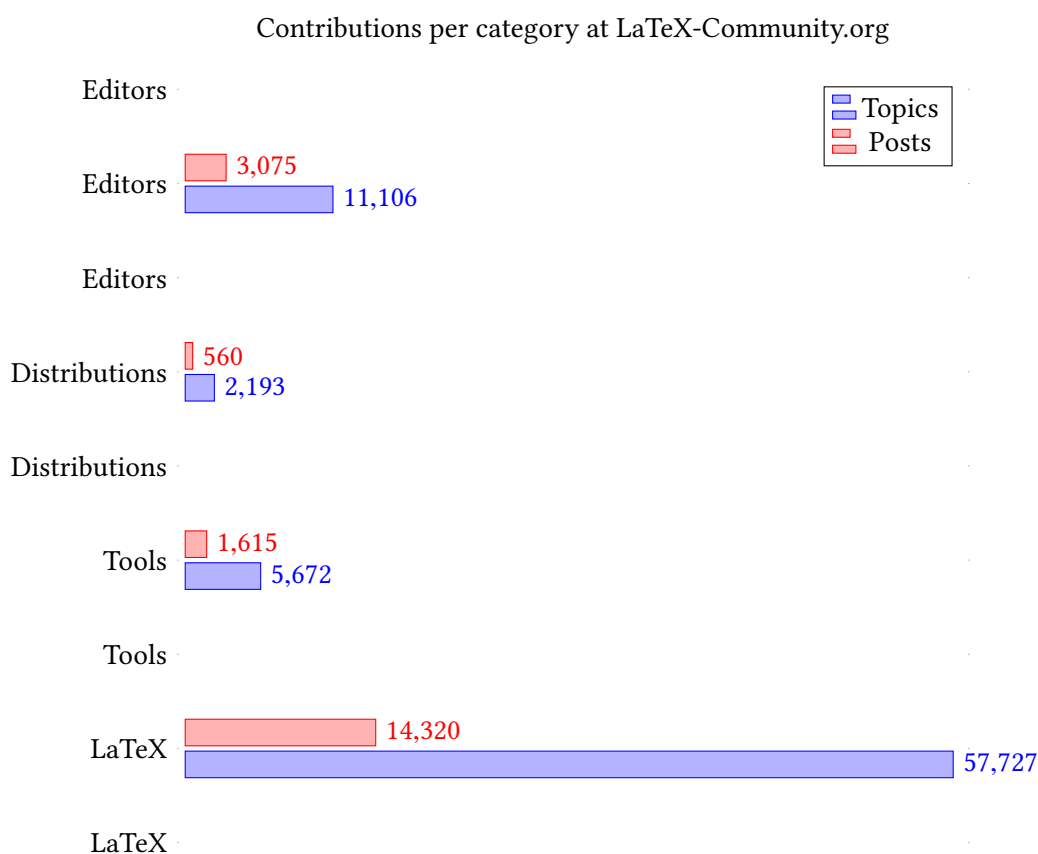


Figure 3.1: Tikz Example.

4

chapter 4

5

chapter 5

6

Asymptote

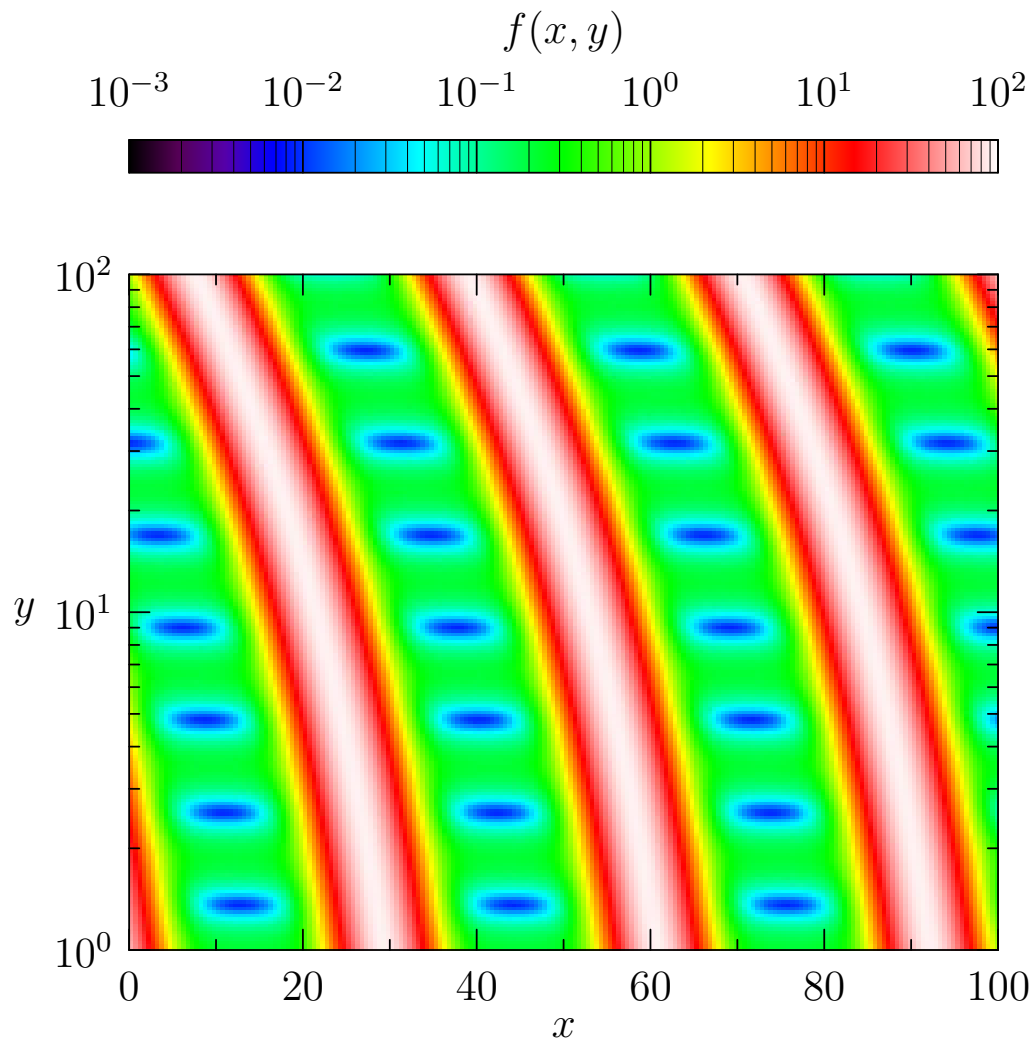


Figure 6.1: Example for plotting with asymptote

7

Discussion

8

Materials and Methods

[2] NAME. **Title.** *Journal of Sth*, 2006.

References

[1] LASTNAME. **Title.** *Journal of Sth*, 2007.