

Writing your thesis with LateX

vorgelegt von
Dipl.-Ing.
Holger Nahrstaedt
aus Berlin

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genehmigte Dissertation

Promotionsausschuss:

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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. 2

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,

¹Footnote example

1. INTRODUCTION

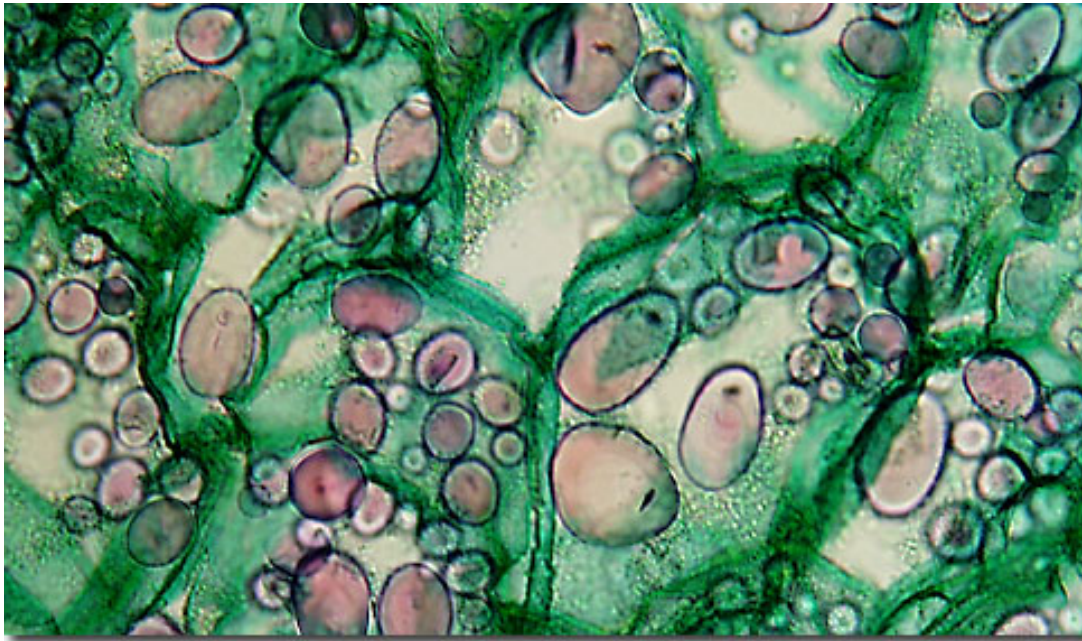


Figure 1.1: A common glucose polymers - The figure shows starch granules in potato cells, taken from Molecular Expressions.

- 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.

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

2.1 Lorem ipsum

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2. STATE OF THE ART

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1. one
2. two
 - (a) two one
 - (b) two two
3. three

Morbi bibendum est aliquam, hendrerit dolor ac, pretium sem. Nunc molestie, dui in euismod finibus, nunc enim viverra enim, eu mattis mi metus id libero. Cras sed accumsan justo, ut volutpat ipsum. Nam faucibus auctor molestie. Morbi sit amet eros a justo pretium aliquet. Maecenas tempor risus sit amet tincidunt tincidunt. Curabitur dapibus gravida gravida. Vivamus porta ullamcorper nisi eu molestie. Ut pretium nisl eu facilisis tempor. Nulla rutrum tincidunt justo, id placerat lacus laoreet et. Sed cursus lobortis vehicula. Donec sed tortor et est cursus pellentesque sit amet sed velit. Proin efficitur posuere felis, porta auctor nunc. Etiam non porta risus. Pellentesque lacinia eros at ante iaculis, sed aliquet ipsum volutpat. Suspendisse potenti.

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2.2 Preliminary aims

There will be several preliminary scientific targets to be accomplished on the way...

3

Including tikz

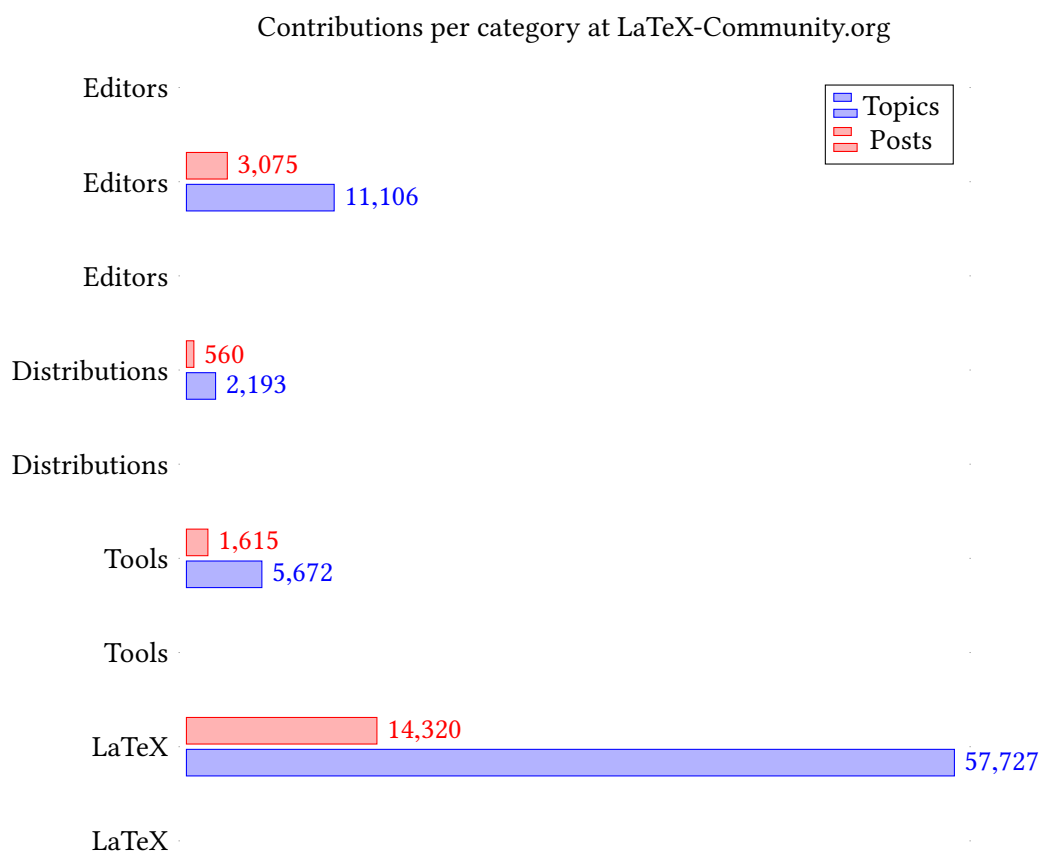


Figure 3.1: Tikz Example.

4

chapter 4

5

chapter 5

6

Asymptote

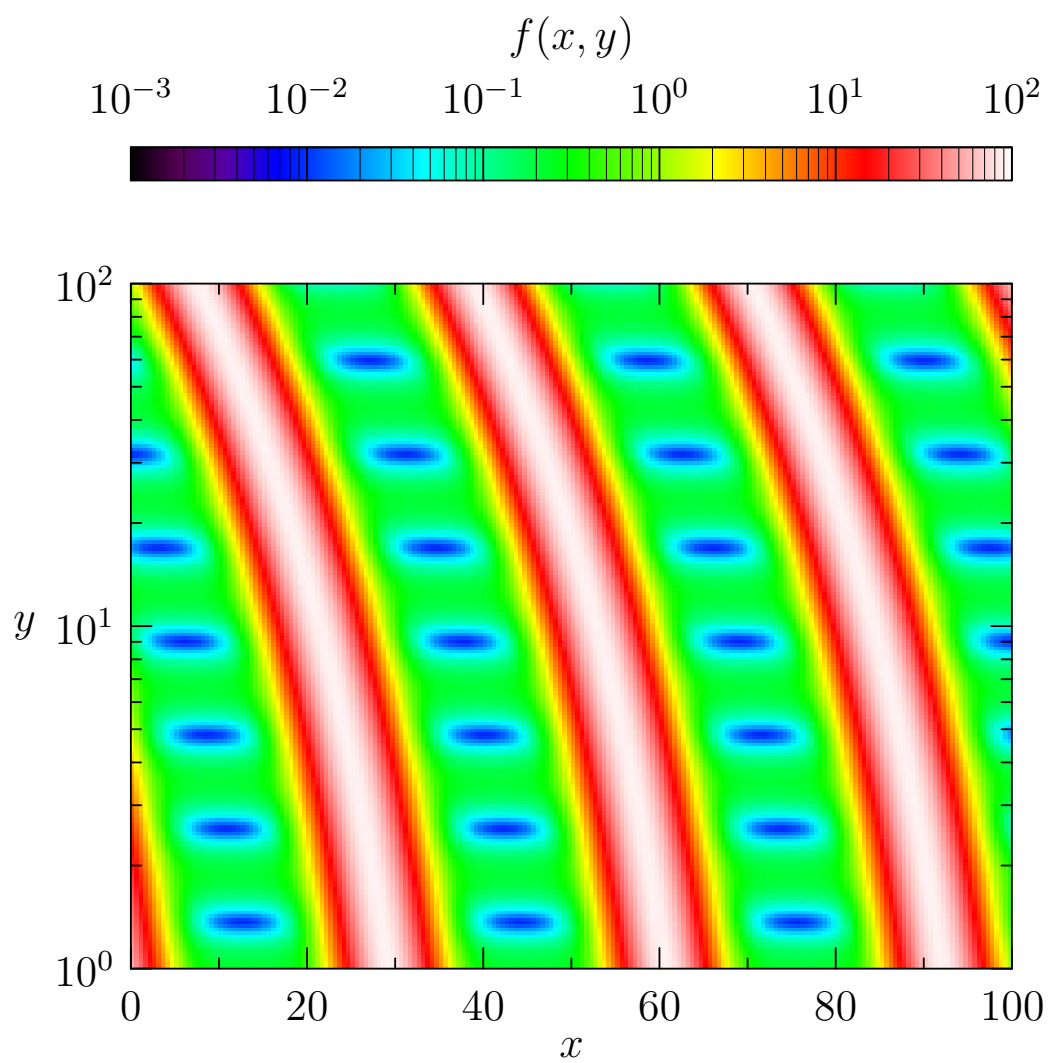


Figure 6.1: Example for plotting with asymptote

7

Discussion

8

Materials and Methods

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

References

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