

## Technische Universität München

DEPARTMENT OF INFORMATICS

BACHELOR'S THESIS IN INFORMATICS

# **Something with Networks**

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Irgendwas mit Netzwerken

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I confirm that this thesis is my own work and used.	I have documented all sources and material
Garching b. München, October 24, 2017	
	Signature

#### Abstract

 $Abstract\ meta-information\ about\ something\ with\ networks.$ 

# Zusammenfassung Abstrakte Meta-Informationen über irgendwas mit Netzwerken.

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## Chapter 1

#### Introduction

Here we test a reference [1]. And now we fill the rest of the page with nonsense. And one more ref [2].

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum

 $\bigcirc$ 

pellentesque felis eu massa.

#### 1.1 Goals of the thesis

This section describes the goals of this thesis (the goal should be a 1.0 grade, but since that goal is quite implicit it can be omitted).

#### 1.2 Outline

The thesis is structured as follows. In Chapter 2 we will describe awesome stuff in shiny fonts. Finally, the thesis is concluded in Chapter 3 where we summarize our findings.

# Chapter 2

## Test

The following sections contain references of different fonts for text, code, and math.

#### 2.1 Listings environment and monospace fonts

Listing 2.1: My first listing

Chapter 2. Test

#### 2.2 Standard math alphabet

$$+ \qquad (2.1)$$

$$- \qquad (2.2)$$

$$= \qquad (2.3)$$

$$\geq \qquad (2.4)$$

$$\leq \qquad (2.5)$$

$$\int_{\infty}^{\infty} \qquad (2.6)$$

$$\left[\sum_{n=0}^{\infty} n = \frac{N(N+1)}{2}\right] \qquad (2.7)$$

$$\left(\prod_{n=0}\right) \tag{2.8}$$

$$\Leftrightarrow \qquad (2.10)$$

$$\leftrightarrow \qquad (2.11)$$

 $math normal \quad abcdefghijklmnopqrstuvwxyz$ 

ABCDEFGHIJKLMNOPQRSTUVWXYZ

mathrm abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ

mathbf abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ

mathbit abcdefghijklmnopqrstuvwxyz

**ABCDEFGHIJKLMNOPQRSTUVWXYZ** 

 $mathcal \qquad \mathcal{ABCDEFGHIJKLMNOPQRSTUVWXYZ}$ 

# Chapter 3

## Conclusion

In this thesis we showed something with networks. The results were always > 9000.

#### 3.1 Future work

None, we did everything.

X, X, 1, 1

# Bibliography

- [1] D. Hankerson, A. Menezes, and S. Vanstone, *Guide to Elliptic Curve Cryptography*, 1st ed. Springer, Jan. 2004.
- [2] D. Hankerson, A. Menezes, and S. Vanstone, *Guide to Rectangular Line Cryptography*, 1st ed. Springer, Jan. 2019.