Media & Digital Technologies
University of Applied Sciences St. Pölten

<Title of the Work>

<Subtitle>

Master Thesis

For attainment of the academic degree of

Dipl.-Ing. für technisch-wissenschaftliche Berufe

in the Masters Course Interactive Technologies at
USTP - University of Applied Sciences St. Pölten,
Masterclass <Name of Masterclass>

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EUDRES

Declaration of Honour

I hereby declare that

- I have written the work at hand on my own without help from others and I have used no other resources and tools than the ones acknowledged.
- I have complied with the Standards of good scientific practice in accordance with the University of Applied Sciences St. Pölten Statute Part 05 when writing this work.
- I have neither published nor submitted the work at hand to another higher education institution for assessment or in any other form as examination work.

Regarding the use of generative artificial intelligence tools such as chatbots, image generators, programming applications, paraphrasing and translation tools, I declare that

☑ no generative artificial intelligence tools were used in the course of this work.

☐ I have used generative artificial intelligence tools to proof-read this work.

☐ I have used generative artificial intelligence tools to create parts of the content of this work. I certify that I have cited the original source of any generated content. The generative artificial intelligence tools that I used are acknowledged at the respective positions in the text.

Having read and understood the University of Applied Sciences St. Pölten Statute Part 05 - Good Scientific Practice, I am aware of the consequences of a dishonest declaration.

Abstract

Introduction: Warum behandeln wir das Thema

Purpose: Welches Problem soll gelöst werden

Method: Wie wurde die Problemlösung gemacht

Product: Was war das Ergebnis

Conclusion: Was sind die Folgerungen / Schlussfolgerungen aus den gewonnen Erkenntnissen

keine Referenzen und Zitate

Kurzfassung

Das Abstract auf deutsch.

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1 Example

!!! Please delete this chapter after finishing your work !!!

1.1 Settings

To add your name and the title of your work, please use the “Settings.tex” file! Additionally, switch there between German and English version.

1.2 How to Make Sections and Subsections

Use section and subsection commands to organize your document. LaTeX handles all the formatting and numbering automatically. Use ref and label commands for cross-references.

1.2.1 How to Make Lists

You can make lists with automatic numbering . . .

1. Like this,
2. and like this.

. . . or bullet points . . .

- Like this,
- and like this.

. . . or with words and descriptions . . .

Word Definition

Concept Explanation

Idea Text

1.3 Section

You have to write text between each headline.

1.4 Citation

This part describes the three types of citations which are possible. Therefore, two different methods are possible the

- “autocite” version (Stoiber et al., 2023)
- “textcite” version Tjoa et al. (2022)

1.5 Direct Citation

The maximum for a direct citation is a $1/2$ page.

> Overview first, zoom and filter, then details-on-demand (Shneiderman, 1996)

1.6 Floating Text Citation

Shneiderman (1996) defined the Visual Information Seeking Mantra as “Overview first, zoom and filter, then details-on-demand”.

1.7 Indirect Citation

Some text which summarizes a paper or a book chapter. This could take several lines. Find attached a citation of a website (Kaley, 2018, p. 12).

1.8 Figures

To place a figure use the following code example

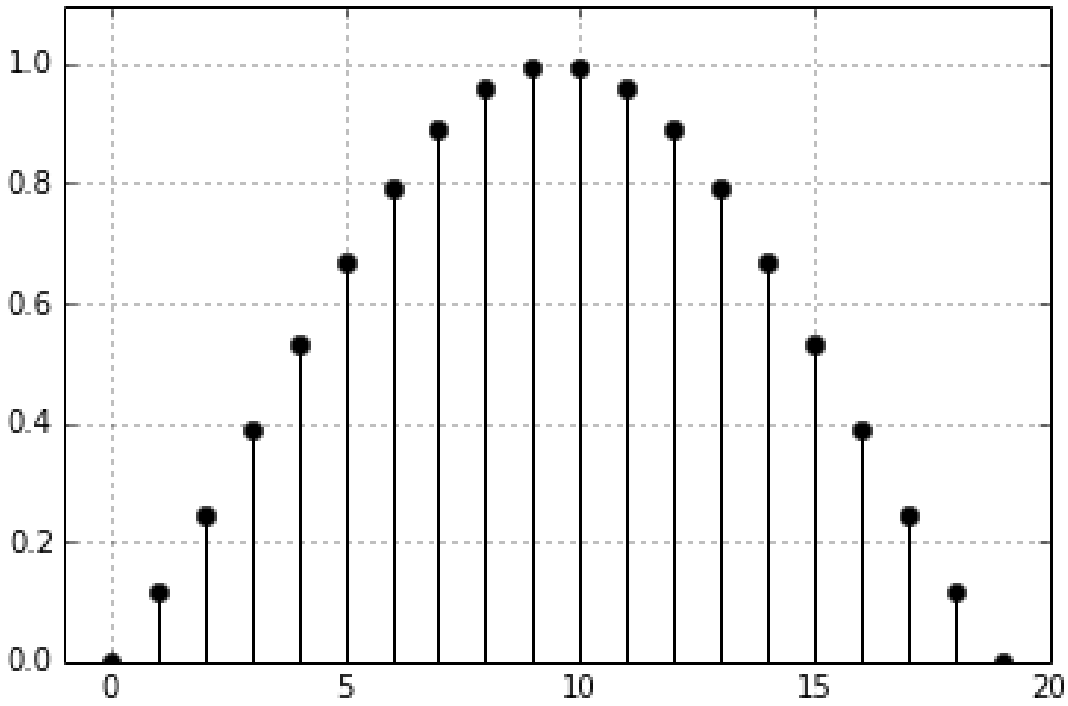
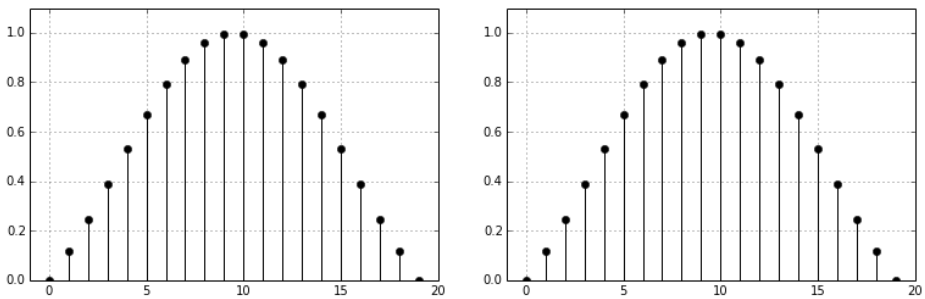


Figure 1.1. Interactive data exploration with multiple devices.

$$\int a, b$$



(a) Figure A (b) Figure B

Figure 1.2. Wearables worn for experiments 1, 2, and 3.

Refer to a figure in the following forms:
If you take a look at Figure 1.1 ...
... text text (see Figure 1.1) ...

1.9 Listings

Listing 1.1. A bit of source code.

```
if( true == questions )
{
    std::cout << "Let me google it for you";
}
else
{
    std::cout << "Great";
}
```

Now lets take a look at Listing 1.1.

1.10 Table

Table 1.1. My caption with a very useful description. die kann auch etwas länger sein und über mehrere Zeilen gehen und so weiter.

Item		
Animal	Description	Price ($)
Gnat	per gram	13.65
	each	0.01
Gnu	stuffed	92.50
Emu	stuffed	33.33
Armadillo	frozen	8.99

For the fast generation of tables from Excel use http://www.heise.de/download/excel2latex.html

1.11 Equations

LaTeX is great at typesetting equations. Let $X_1, X_2, \ldots, X_n$ be a sequence of independent and identically distributed random variables with E$[X_i] = \mu$ and Var$[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \cdots + X_n}{n}$$

This was a equation without a label.

$$S_n = \frac{1}{n} \sum_i^n X_i \tag{1.1}$$

This is the reference to equation 1.1.

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

2 Introduction / Einleitung

Führt in die Thematik, Problem- und Aufgabenstellung ein

Vorstellung der Forschungsfrage

Enthält Grundlagenwissen

Gibt Überblick über die Arbeit

Darstellung der Related Work - sofern bereits ähnliche Arbeiten zu diesem Themengebiet existieren; In aller Kürze: Was gibt es? Was sind die Ergebnisse? Ist etwas offen geblieben? Fehlt etwas?

3 Method / Methode

Wie wurde Literatur gefunden?

Welche Journals, Conferences, Libraries, Search engines... wurden genutzt?

Nach welchen Keywords wurde gesucht, wie viele Treffer gab es?

Nach welchen Kriterien wurde selektiert und warum?

4 Results / Ergebnisse

Presenting found literature in a useful way

4.1 First Section

Ich bin Text, Text, Text[1]

4.1.1 First Subsection

[1] http://mfg.fhstp.ac.at

5 Discussion / Diskussion

Comparison of presented technologies/methods/projects

Kritische Diskussion / Vergleich der Ansätze

Welche Methoden werden zumeist genutzt, warum?

Überblick / Zusammenfassung der gefundenen Literatur in einer sinnvollen Kategorisierung / Charakterisierung

6 Conclusion / Fazit

Was kann man daraus lernen?

Was fehlt?

Ideen für zukünftige Forschung

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Listings

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Appendices

A Appendix

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B Appendix

LoHrem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.LoHrem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. LoHrem