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First Student

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December 3, 2024

Abstract

This template can be used for seminar papers. For more tips and tricks regarding the use of figures, tables, quotations, references, footnotes, enumerations, etc. please download the Masterthesis template.

Contents

1 Der Kontrast zwischen Klassischen und Quantencomputern

- Qubit vs Klassisches Bit
- Umkehrbare Operationen in QC
- Alle KC Operationen in QC möglich, aber teilweise komplexer
- QC kann Operationen machen, die der KC nicht kann (größtenteils Zufallselemente)
- Zwei Beispiele folgen, die das verdeutlichen

1.1 No Cloning Theorem

- Proof by Contradiction (Umkehrbare Operationen)
- Macht Klassische Error Correction unmöglich

1.2 Verschränkte Teleportation

2 Introduction

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3 Foundations

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4 Section about quotations

In this section, an example for a literal quotation is given.

“A persona is a rich picture of an imaginary person who represents your core user group.” (?)

Sometimes you might want to make use of the authors name within the text. Before, we used the command `citep{}`, which creates the brackets around author name and year. You can also use the `cite` command like this:

? defined the concept of persona as follows:

“A persona is a rich picture of an imaginary person who represents your core user group.” (?)

You may notice, that this increases the readability of the text.

According to APA format¹ there are some rules, when and how to include page numbers, when referring to literature.

“Include page numbers for any citations in the text of your paper that include direct quotations or refer to a specific part of the work you are referencing. Direct quotations must include a page number as part of the citation. The quoted material should be followed by a citation in parentheses that gives the author’s name, the year in which the work was published, and the page number from which the quoted material appears.” (?)

¹American Psychological Association (APA)

Check out the example and recommendations of ? on http://www.ehow.com/how_5689799_cite-numbers-apa-format.html. In L^AT_EX you can include the pages very easy. For example:

?, p. 86 stated:

“We hope that our preliminary attempts to begin answering the question will convince the reader, not necessarily that our views are correct, but that the question was and is well worth asking” (?, p. 86)

Note that in the first reference, we used `citet[]{}` in order to have brackets just around year and page number; later we used `citep[]{}` .

5 Section about references within the document

If you want to refer to you own chapters, figures, tables or the like, you can make use of the `ref{}` command, for example:

- section ?? on page ??

5.1 Subsection within Foundations

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5.2 Another subsection within Foundations

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6 Methodology

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ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

7 Results

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua (? , p. 48). At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

8 Conclusion

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