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Develop a GPS/GNSS receiver: Design of Correlators for GNSS Receivers Based on VHDL

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I hereby declare that this dissertation is all my own work, except as indicated in the text:

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Abstract

Giving a short overview of the work in your project.

Acknowledgements

Acknowledgements here. [1]

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Chapter 1

Introduction

Setting out the aims and objectives of your project, explaining the overall intention of the project and specific steps that will be taken to achieve that intention.

1.1 Background

Explaining the problem being solved.

1.2 GNSS

Aims and Objectives here.

1.3 FPGA

1.4 Description of the work

Explaining what your project is meant to achieve, how it is meant to function, perhaps even a functional specification.

Chapter 2

Background and Related Work

Explaining what your project does that is new or is better than existing work in the same field.

Test citation [2].

Chapter 3

Design

Containing a comprehensive description of the design chosen, how it addresses the problem, and why it is designed the way it is.

Chapter 4

Implementation

Containing a comprehensive description of the implementation of your software, including the language(s) and platform chosen, problems encountered, any changes made to the design as a result of the implementation, etc.

Chapter 5

Evaluation

Explaining how your software was tested (using different datasets or in different environments), statistical evaluation of performance, results of user evaluation questionnaires, etc.

Chapter 6

Summary and Reflections

Including a discussion of results in a wider context (considering other work).

6.1 Project management

Covering the tasks as a part of your work plan and progress as well as how time and resources are managed.

6.2 Contributions and reflections

Providing the details of your achievements and contributions including innovation, creativity and novelty (if there is any) as well as a personal reflection on the plan and your experience of the project (a critical appraisal of how the project went).

Bibliography

[1] Y. Li, “University of nottingham thesis and dissertation template,” https://github.com/imyueli/NottinghamThesisTemplate, 2017.

[2] T. H. Cormen, *Introduction to algorithms*. MIT press, 2009.

Appendix A

User Manuals

Appendix B

User Evaluation Questionnaire