

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

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I hereby	declare	that	this	${\it dissertation}$	is a	ll my	own	work,	${\it except}$	as	indicated	in	the
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#### Abstract

Giving a short overview of the work in your project.

#### Acknowledgements

Acknowledgements here. [2]

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#### 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 Motivation

Explaining the problem being solved.

#### 1.2 Aims and Objectives

Aims and Objectives here.

#### 1.3 Description of the work

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

## Background and Related Work

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

Test citation [1].

## Design

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

## 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.

#### **Evaluation**

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

#### **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] CORMEN, T. H. Introduction to algorithms. MIT press, 2009.
- [2] LI, Y. University of nottingham thesis and dissertation template. https://github.com/imyueli/NottinghamThesisTemplate, 2017.

## Appendix A

User Manuals

## Appendix B

User Evaluation Questionnaire