

Delft University of Technology
Master's Thesis in Embedded Systems

Computational Imaging for Earth Surveillance

Pranav Sailesh Mani



Computational Imaging for Earth Surveillance

Master's Thesis in Embedded Systems

Embedded Software Section
Faculty of Electrical Engineering, Mathematics and Computer Science
Delft University of Technology
Mekelweg 4, 2628 CD Delft, The Netherlands

Pranav Sailesh Mani
p.s.mani@student.tudelft.nl

15th May 2017

Author

Pranav Sailesh Mani (p.s.mani@student.tudelft.nl)

Title

Computational Imaging for Earth Surveillance

MSc presentation

15th May 2017

Graduation Committee

TODO GRADUATION COMMITTEE Delft University of Technology

TODO GRADUATION COMMITTEE Delft University of Technology

Abstract

TODO ABSTRACT

Preface

TODO MOTIVATION FOR RESEARCH TOPIC

TODO ACKNOWLEDGEMENTS

TODO AUTHOR

Delft, The Netherlands
15th May 2017

Contents

Preface	v
1 Introduction and Problem Statement	1
2 Literature Survey and Trade-off Analysis	3
2.1 SECTION TITLE	3
3 System Modelling and Design	5
3.1 SECTION TITLE	5
4 Implementation	7
4.1 SECTION TITLE	7
5 Experimentation and Validation	9
5.1 SECTION TITLE	9
6 Conclusions and Future Work	11
6.1 Conclusions	11
6.2 Future Work	11

Chapter 1

Introduction and Problem Statement

TODO INTRODUCTION

Chapter 2

Literature Survey and Trade-off Analysis

INTRODUCTION TEXT TO THIS CHAPTER IN WHICH ALL SECTIONS ARE DESCRIBED ROUGHLY (1 SENTENCE EACH).

This chapter describes the ... In Section 5.1, examples are given of how to use tables and figures in MSc theses.

2.1 SECTION TITLE

Every caption of a table (or figure) should start with a capital letter, and should end with a period. References to tables are given with a capital letter for table, as in “(see Table 5.1)” or “in Table 5.1, ...”.

left aligned	centred	right aligned
12	34	56

Table 2.1: Complete sentence describing the tabular data.

References to figures are given with a capital letter for figure, as in “(see Figure 5.1)” or “in Figure 5.1, ...”.

[1] [2]

Delft University of Technology



Figure 2.1: Complete sentence describing the figure thoroughly.

Chapter 3

System Modelling and Design

INTRODUCTION TEXT TO THIS CHAPTER IN WHICH ALL SECTIONS ARE DESCRIBED ROUGHLY (1 SENTENCE EACH).

This chapter describes the ... In Section 5.1, examples are given of how to use tables and figures in MSc theses.

3.1 SECTION TITLE

Every caption of a table (or figure) should start with a capital letter, and should end with a period. References to tables are given with a capital letter for table, as in “(see Table 5.1)” or “in Table 5.1, ...”.

left aligned	centred	right aligned
12	34	56

Table 3.1: Complete sentence describing the tabular data.

References to figures are given with a capital letter for figure, as in “(see Figure 5.1)” or “in Figure 5.1, ...”.

[1] [2]

Delft University of Technology



Figure 3.1: Complete sentence describing the figure thoroughly.

Chapter 4

Implementation

INTRODUCTION TEXT TO THIS CHAPTER IN WHICH ALL SECTIONS ARE DESCRIBED ROUGHLY (1 SENTENCE EACH).

This chapter describes the ... In Section 5.1, examples are given of how to use tables and figures in MSc theses.

4.1 SECTION TITLE

Every caption of a table (or figure) should start with a capital letter, and should end with a period. References to tables are given with a capital letter for table, as in “(see Table 5.1)” or “in Table 5.1, ...”.

left aligned	centred	right aligned
12	34	56

Table 4.1: Complete sentence describing the tabular data.

References to figures are given with a capital letter for figure, as in “(see Figure 5.1)” or “in Figure 5.1, ...”.

[1] [2]

Delft University of Technology



Figure 4.1: Complete sentence describing the figure thoroughly.

Chapter 5

Experimentation and Validation

INTRODUCTION TEXT TO THIS CHAPTER IN WHICH ALL SECTIONS ARE DESCRIBED ROUGHLY (1 SENTENCE EACH).

This chapter describes the ... In Section 5.1, examples are given of how to use tables and figures in MSc theses.

5.1 SECTION TITLE

Every caption of a table (or figure) should start with a capital letter, and should end with a period. References to tables are given with a capital letter for table, as in “(see Table 5.1)” or “in Table 5.1, ...”.

left aligned	centred	right aligned
12	34	56

Table 5.1: Complete sentence describing the tabular data.

References to figures are given with a capital letter for figure, as in “(see Figure 5.1)” or “in Figure 5.1, ...”.

[1] [2]

Delft University of Technology



Figure 5.1: Complete sentence describing the figure thoroughly.

Chapter 6

Conclusions and Future Work

6.1 Conclusions

TODO CONCLUSIONS

6.2 Future Work

TODO FUTURE WORK

Bibliography

- [1] a. b.
- [2] z.