

# **Some thesis with a title**

A thesis submitted to the University of Sheffield for the degree of Doctor of  
Philosophy

**William Gates**

Department of Automatic Control and Systems Engineering

October 2013



*To my family*



## **Acknowledgements**

I'd like to thank the following people:

## **Abstract**

Lorem 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.

# Contents

<b>Nomenclature</b>	<b>vi</b>
<b>1 This is a test</b>	<b>1</b>
1.1 This is a section . . . . .	1
<b>Acronyms</b>	<b>3</b>
<b>Bibliography</b>	<b>4</b>

# List of Figures



# List of Tables

# Nomenclature

A list of the variables and notation used in this thesis is defined below. The definitions and conventions set here will be observed throughout unless otherwise stated. For a list of acronyms, please consult page 3.

$\top$             Matrix transpose

# Chapter 1

## This is a test

Lorem 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.

Gaussian processes (GPs) can be used for regression and classification. The mean squared error (MSE) statistic is used to measure the error and assess model performance. MSE can measure the GP model performance.

Lorem 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.

### 1.1 This is a section

Knuth [1] Lorem 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.

Lorem 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 [1].

# Acronyms

**GP** Gaussian process. 1

**MSE** mean squared error. 1

# Bibliography

- [1] D. Knuth. Two notes on notation. *Amer. Math. Monthly*, 99:403–422, 1992.