UNIVERSITY OF SOUTHAMPTON

FACULTY OF PHYSICAL AND APPLIED SCIENCES

Electronics and Computer Science

An Investigation into . . .

by

Steve R. Gunn

Thesis for the degree of Doctor of Philosophy

October 2011

UNIVERSITY OF SOUTHAMPTON

ABSTRACT

FACULTY OF PHYSICAL AND APPLIED SCIENCES
Electronics and Computer Science

Doctor of Philosophy

AN INVESTIGATION INTO . . .

by Steve R. Gunn

This work is all about . . .

Contents

List of Figures

List of Tables

Declaration of Authorship

I, Steve R. Gunn , declare that the thesis entitled *An Investigation into ...* and the work presented in the thesis are both my own, and have been generated by me as the result of my own original research. I confirm that:

- this work was done wholly or mainly while in candidature for a research degree at this University;

- where any part of this thesis has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated;

- where I have consulted the published work of others, this is always clearly attributed;

- where I have quoted from the work of others, the source is always given. With the exception of such quotations, this thesis is entirely my own work;

- I have acknowledged all main sources of help;

- where the thesis is based on work done by myself jointly with others, I have made clear exactly what was done by others and what I have contributed myself;

- parts of this work have been published as: (Gunn, 2001), (Lovell, 2011) and (Gunn and Lovell, 2011)

Signed:...

Date:...

Acknowledgements

Thanks to no one.

Nomenclature

w The weight vector

Chapter 1

Introduction

You probably found all the files from Gunn (2001). Table 1.1 illustrates the results of my work (Gunn and Lovell, 2011).

Training Error	Testing Error
0	∞

Table 1.1: The Results

Figure 1.1 shows why this is the case.

Figure 1.1: A colourful picture.

This page shows you a subfigure example in Figure 1.2.

Example of Equation 1.1.

$$y = ax^2 + bx + c \tag{1.1}$$

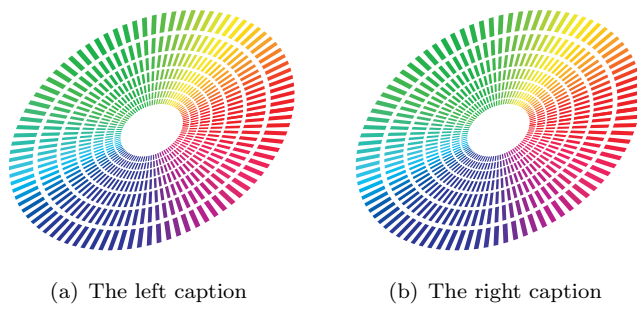(a) The left caption   (b) The right caption

Figure 1.2: A doubly colourful picture.

Chapter 2

Conclusions

It works.

Appendix A

Stuff

The following gets in the way of the text....

References

Gunn, S. (2001). Pdflatex instructions.

Gunn, S. and Lovell, C. J. (2011). Updated templates reference 2.

Lovell, C. J. (2011). Updated templates.