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by

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Examining Committee Membership

The following served on the Examining Committee for this thesis. The decision of the Examining Committee is by majority vote.

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Author's Declaration

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I understand that my thesis may be made electronically available to the public.

Abstract

This is the abstract.

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Acknowledgements

I would like to thank all the little people who made this thesis possible.

Dedication

This is dedicated to the one I love.

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Chapter 1

Introduction

In the beginning, there was π:

$$e^{\pi i} + 1 = 0 \tag{1.1}$$

A computer could compute π all day long. In fact, subsets of digits of π's decimal approximation would make a good source for psuedo-random vectors, $\mathbf{v}$.

1.1 State of the Art

See equation 3.1 on page 7.[1]

1.2 Some Meaningless Stuff

The credo of the American Association of Amateur Astronomers and Zoologists (AAAAZ) was, for several years, several paragraphs of gibberish, until the dingledorf responsible for the AAAAZ Web site realized his mistake:

"Velit dolor illum facilisis zzril ipsum, augue odio, accumsan ea augue molestie lobortis zzril laoreet ex ad, adipiscing nulla. Veniam dolore, vel te in dolor te, feugait dolore ex vel erat duis nostrud diam commodo ad eu in consequat esse in ut wisi. Consectetuer

[1] A famous equation.

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Chapter 2

Introduction

In the beginning, there was π:

$$e^{\pi i} + 1 = 0 \tag{2.1}$$

A computer could compute π all day long. In fact, subsets of digits of π's decimal approximation would make a good source for psuedo-random vectors, $\mathbf{v}$.

2.1 State of the Art

See equation 3.1 on page 7.[1]

2.2 Some Meaningless Stuff

The credo of the AAAAZ was, for several years, several paragraphs of gibberish, until the dingledorf responsible for the AAAAZ Web site realized his mistake:

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[1] A famous equation.

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Chapter 3

Introduction

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$$e^{\pi i} + 1 = 0 \tag{3.1}$$

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References

APPENDICES

Appendix A

Matlab Code for Making a PDF Plot

A.1 Using the Graphical User Interface

Properties of Matab plots can be adjusted from the plot window via a graphical interface. Under the Desktop menu in the Figure window, select the Property Editor. You may also want to check the Plot Browser and Figure Palette for more tools. To adjust properties of the axes, look under the Edit menu and select Axes Properties.

To set the figure size and to save as PDF or other file formats, click the Export Setup button in the figure Property Editor.

A.2 From the Command Line

All figure properties can also be manipulated from the command line. Here's an example:

```
x=[0:0.1:pi];
hold on % Plot multiple traces on one figure
plot(x,sin(x))
plot(x,cos(x),'--r')
plot(x,tan(x),'.-g')
title('Some Trig Functions Over 0 to \pi') % Note LaTeX markup!
legend('{\it sin}(x)','{\it cos}(x)','{\it tan}(x)')
hold off
```

```
set(gca,'Ylim',[-3 3]) % Adjust Y limits of "current axes"
set(gcf,'Units','inches') % Set figure size units of "current figure"
set(gcf,'Position',[0,0,6,4]) % Set figure width (6 in.) and height (4 in.)
cd n:\thesis\plots % Select where to save
print -dpdf plot.pdf % Save as PDF
```

Glossary

This document is incomplete. The external file associated with the glossary 'main' (which should be called `thesis.gls`) hasn't been created.

Check the contents of the file `thesis.glo`. If it's empty, that means you haven't indexed any of your entries in this glossary (using commands like `\gls` or `\glsadd`) so this list can't be generated. If the file isn't empty, the document build process hasn't been completed.

You may need to rerun LaTeX. If you already have, it may be that TeX's shell escape doesn't allow you to run makeindex. Check the transcript file `thesis.log`. If the shell escape is disabled, try one of the following:

- Run the external (Lua) application:

  ```
  makeglossaries-lite "thesis"
  ```

- Run the external (Perl) application:

  ```
  makeglossaries "thesis"
  ```

Then rerun LaTeX on this document.

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Abbreviations

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  ```

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List of Symbols

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  ```

Then rerun LaTeX on this document.

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