

The Last Document You'll Ever Read

by

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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 me.

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Glossary

computer A programmable machine that receives input data, stores and manipulates the data, and provides formatted output [1](#)

Abbreviations

AAAAZ American Association of Amature Astronomers and Zoologists [1](#)

Nomenclature

dingledorf A person of supposed average intelligence who makes incredibly brainless misjudgments [1](#)

List of Symbols

- v** Random vector: a location in n-dimensional Cartesian space, where each dimensional component is determined by a random process [1](#)

Introduction

In the beginning, there was π :

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

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, [v](#) .

0.1 State of the Art

See equation [1](#) on page [1](#).¹

0.2 Some Meaningless Stuff

The credo of the [American Association of Amature 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 dui nostrud diam commodo ad eu in consequat esse in ut wisi. Consectetuer dolore feugiat wisi eum dignissim tincidunt vel, nostrud, at vulputate eum euismod, diam minim eros consequat lorem aliquam et ad. Feugait illum sit suscipit ut, tation in dolore euismod et iusto nulla amet wisi odio quis nisl feugiat adipiscing luptatum minim nisl, quis, erat, dolore. Elit quis sit dolor veniam blandit ullamcorper ex, vero nonummy, dui exerci

¹A famous equation.

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References

- [1] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The L^AT_EX Companion*. Addison-Wesley, Reading, Massachusetts, 1994.
- [2] Donald Knuth. *The T_EXbook*. Addison-Wesley, Reading, Massachusetts, 1986.
- [3] Leslie Lamport. *L^AT_EX — A Document Preparation System*. Addison-Wesley, Reading, Massachusetts, second edition, 1994.

APPENDICES

Appendix A

Matlab Code for Making a PDF Plot

A.1 Using the GUI

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
```