Aerial Software Defined Radio

by

Jane Doe

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APPROVED:

Professor John Doe, Major Thesis Advisor

Professor Micha Hofri, Head of Department

Abstract

This paper is the most important paper I have ever written. Therefore, everyone should read it, like it, and recommend it to all his friends.

Acknowledgements

I would like to express my gratitude to my advisor who made sure the thesis has at least 120 pages, 200 pictures and lots of formulae and thus made me master LaTeX like my native language.

My thanks are also due to my reader... who has read the thesis in the two days that I gave him since it wasn't done until two days before due date.

Thanks also to ... lots of friends, the fact that a week has seven days instead of only five as I had always thought, and the fact that I own a key to the building so I can work at four in the morning whenever I feel like it. That is, all the time.

Contents

List of Figures

List of Tables

Chapter 1

First Chapter.

This should ideally contain some text.

1.1 First Section.

More Text.

1.1.1 First Subsection.

Even more text, maybe a formula:

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2} \tag{1.1}$$

First Sub-subsection.

This is really deep down in the hierarchy. Maybe you shouldn't even use sub-subsections. It goes further down (paragraphs), but I don't think you'll need that[1].

[1]By the way: notice that, although we have doublespacing here, the footnotes are singlespaced. This is intended and good. If you want to change that, try, but this is really how it should be.

1.2 Other thoughts.

Okay, what else? Let me quickly put a figure here, maybe a piece of pseudo code. That way, you can see how this is done. It's a little painful, but looks really cool. We will call it Figure 1.1. The numbering is automatic—don't worry about it.

```
BELLMAN-FORD (G, w, s)
(1) INITIALIZE-SINGLE-SOURCE(G, s)
(2) for i ← 1 to |V[G]| − 1 do
(3)     for each edge (u, v) ∈ E[G]
            do RELAX (u, v, w)
(4) for each edge (u, v) ∈ E[G]
        do if d[v] > d[u] + w(u, v)
            then return FALSE
(5) return TRUE
```

Figure 1.1: This is a very simple algorithm in pseudocode.

And so on, and so on.

Please remember that you have to compile a document several times when you did changes that affect figures, table of contents, bibliography, etc. (This is always the case if you get the warning: "LaTeX Warning: Label(s) may have changed. Rerun to get cross-references right.").

The recommended sequence is :

```
latex foo.tex

bibtex foo

latex foo.tex

latex foo.tex
```

Appendix A

More to say

A.1 A section within an appendix.

This is an appendix.

Bibliography