Writing a PhD Thesis in LATEX $2_{\mathcal{E}}$



Harish Bhanderi
Department of Engineering
University of Cambridge

A thesis submitted for the degree of $Doctor\ of\ Philosophy$ Yet to be decided



Acknowledgements

And I would like to acknowledge \dots

Abstract

This is where you write your abstract \dots

Contents

C	Contents							
Li	st of	Figure	es	vi				
N	omer	ıclatur	e	vi				
1	Intr	oducti	ion	1				
2	My	First	Chapter But Note The Numbering	3				
	2.1	First I	Paragraph	3				
	2.2	Second	d Paragraph	3				
		2.2.1	sub first paragraph	3				
3	My	Secon	d Chapter	6				
	3.1	First S	Section	6				
	3.2	Second	d Section	6				
		3.2.1	first subsection in the Second Section	6				
		3.2.2	second subsection in the Second Section	6				
		3.2.3	third subsection in the Second Section	6				
4	My	Third	Chapter	7				
	4.1	First S	Section of the Third Chapter	7				
		4.1.1	first subsection in the First Section	7				
		4.1.2	second subsection in the First Section	7				
			4.1.2.1 first subsub section in the second subsection	7				
		4.1.3	third subsection in the First Section	7				

CONTENTS

		4.1.3.1	first subsub section in the third subsection	8
		4.1.3.2	second subsub section in the third subsection $$	8
	4.2	Second Section	of the Third Chapter	8
5	My	Conclusions	•	9
\mathbf{A}	ppdx	A		10
$\mathbf{A}_{]}$	ppdx	В		11
\mathbf{R}	efere	nces		12

List of Figures

<u> </u>	Airfoil Picture															- 4
<i>7</i> . I	AIRIOH PICLING															

Introduction

And this is how I would like to introduce my piece of work ...

My First Chapter But Note The Numbering ...

2.1 First Paragraph

And now I begin my first chapter here ...

Here is an equation¹:

$$CIF: F_0^j(a) = \frac{1}{2\pi\iota} \oint_{\gamma} \frac{F_0^j(z)}{z - a} dz$$
 (2.1)

2.2 Second Paragraph

and here I write more ...Knuth [1984]

2.2.1 sub first paragraph

... and some more ...

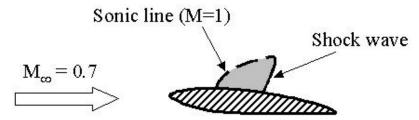
Now I would like to cite the following: Lamport [1986] and Knuth [1984] and Rudin [1973].

I would also like to include a picture ...

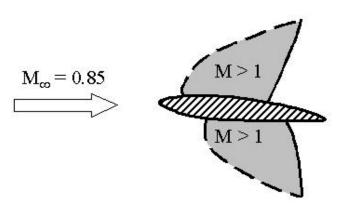
¹the notation is explained in the nomenclature section :-)



a) Subsonic flow



b) Low transonic Mach number



c) High transonic Mach number



Figure 2.1: Airfoil Picture

So as we have now labelled it we can reference it, like so (2.1) and it is on Page 4. And as we can see, it is a very nice picture and we can talk about it all we want and when we are tired we can move on to the next chapter ...

I would also like to add an extra bookmark in acroread like so ...

My Second Chapter

3.1 First Section

nd now I begin my second chapter here ...

3.2 Second Section

nd here I write more ...

3.2.1 first subsection in the Second Section

... and some more ...

3.2.2 second subsection in the Second Section

... and some more ...

3.2.3 third subsection in the Second Section

... and some more ...

My Third Chapter

4.1 First Section of the Third Chapter

And now I begin my third chapter here ...

4.1.1 first subsection in the First Section

... and some more

4.1.2 second subsection in the First Section

... and some more ...

4.1.2.1 first subsub section in the second subsection

... and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it ...

4.1.3 third subsection in the First Section

... and some more ...

4.1.3.1 first subsub section in the third subsection

... and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it and some more ...

4.1.3.2 second subsub section in the third subsection

... and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it ...

4.2 Second Section of the Third Chapter

and here I write more ...

Chapter 5 My Conclusions ...

Here I put my conclusions ...

Appdx A

and here I put a bit of postamble \dots

Appdx B

and here I put some more postamble \dots

References

```
Donald E. Knuth. The T<sub>E</sub>Xbook. Addison-Wesley, 1984. 3

Leslie Lamport. 

#T<sub>E</sub>X: A Document Preparation System. Addison-Wesley, 1986.

3

W. Rudin. Functional Analysis. McGraw-Hill, New York, 1973. 3
```