

**Transient ground deformation in tectonically active regions
and implications for the mechanical behavior of the crust
and upper mantle**

by

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CHAPTER I

Introduction

Here is a sample chapter file. The chapters of the thesis should be saved to separate files such as *chapter1.tex*. In the file *thesis.tex* the *input* command then includes these chapters into the thesis. Note that none of the chapter files need any headers. This header for each of these files is contained in *thesis.tex*. The file *thesis.tex* also includes the numbers system for the sections, figures, theorems lemmas etc...

1.1 Sample Section

This is what a sample section looks like. Let's conclude this section with a sample theorem statement and proof.

Theorem I.1. *The are an infinite number of prime numbers*

Proof: On the contrary assume there are a finite number of primes P_1, P_2, \dots, P_n . Consider $\mathcal{P} = P_1 P_2 \cdots P_n + 1$. \mathcal{P} is not divisible by any of the primes in our finite set. (Contradiction) \square

CHAPTER II

Labels and Figures

The following is an example of using the commands *ref* and *label*. With these commands theorems, chapters, sections and figures can be labeled with names in the tex file and then referred to by these names in later tex files. In chapter I we saw section 1.1 or theorem I.1.

Lastly, here is how to include a figure. First generate an encapsulated postscript file in xfig, adobe illustrator or some other program. The specific commands are found in *chap2.tex*.

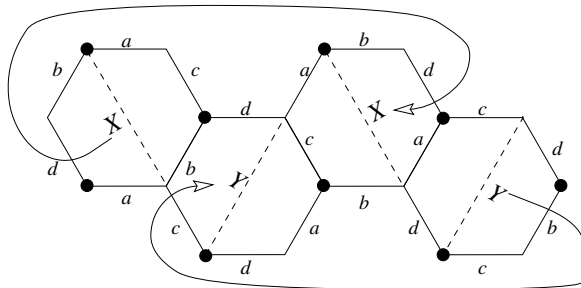


Figure 2.1: Sample Figure

ABSTRACT

Title of Dissertation

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John Doe

Chair: Plato

Put Abstract Here