

# Contents

<b>Chapter 1</b>	<b>1</b>
1-1 Introduction . . . . .	1
Vectors as Arrays . . . . .	1

## Chapter 1

### 1-1 Introduction

Vectors, and certain types of operations on vectors

Two related but different concepts of a vector 1. Vectors as arrays (of real or complex numbers) 2. Vectors defined axiomatically (properties called axioms)

#### Vectors as Arrays

-one dimensional -can be vertical or horizontal - vertical is the convention