Linear Algebra

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1 Introduction

This document is intended to summarize the basic concepts of linear algebra used throughout theoretical computer science.

You are free to distribute this document as you wish. Please report any mistakes to patilpranay@berkeley.edu.

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2 Notation

Notation	Meaning
$\mathbb{R}$	the set of real numbers

2.1 Other Notes

- We will not present proofs for most of the theorems mentioned in this document. Instead, it is your responsibility to either derive or look up the proof to understand why a specific theorem holds.

3 Vectors

placeholder for a discussion of vectors