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## **Notes of Course**

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**Author**

University

author.name@example.com

**Notes Date**

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# Bibliography

[1] Author Name. *Title of the Book*. Publisher, Year.

# Chapter 1

## First Chapter Name

### 1.1 First Section Name

#### 1.1.1 All Math Environments

**Definition 1.1.1 (Definition Name).** Definition Explanation from [?].

**Theorem 1.1.1 (Theorem Name).** Theorem Explanation.

*Proof.* Here we write<sup>1</sup> our proof. ■

**Proposition 1.1.2 (Proposition Name).** Proposition Explanation.

**Lemma 1.1.3 (Lemma Name).** Lemma Explanation.

- item one
- item two

**Corollary 1.1.4 (Corollary Name).** Corollary Explanation.

**Remark 1.1.1 (Remark Name).** Remark Explanation.

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<sup>1</sup>This is a footnote.

**Example 1.1.1 (Example Name).** Example Explanation.

**Exercise 1.1.1 (Exercise Name).** Exercise Explanation.

## 1.2 Second Section Name

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## 1.3 Third Section Name

**Definition 1.3.1 (Definition Name).** Definition Explanation.

**Theorem 1.3.1 (Theorem Name).** Theorem Explanation.

*Proof.* Here<sup>2</sup> we write our proof. We can refer a good theorem good thm 1.1.1 ■

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<sup>2</sup>This is another footnote.

**Proposition 1.3.2 (Proposition Name).** Proposition Explanation.

**Lemma 1.3.3 (Lemma Name).** Lemma Explanation.

- item one
- item two

**Corollary 1.3.4 (Corollary Name).** Corollary Explanation.

**Remark 1.3.1 (Remark Name).** Remark Explanation.

**Example 1.3.1 (Example Name).** Example Explanation.

**Exercise 1.3.1 (Exercise Name).** Exercise Explanation.