DEPT 101 (Class)

March 29, 2022

1 Section

1.1 Subsection

Definition 1.1.1

This is a **definition**.

Lemma 1.1.2

This is a lemma.
$$a + b = c. \tag{1.1.1}$$

Note. This is a note.

Theorem 1.1.3: Theorem

This is a named theorem.
$$c = a + b. \tag{1.1.2}$$

Proof. Left as an exercise. □

Example 1.1.4. This is an example: $a = 1$, $b = 2$, and $c = 3$.

Corollary 1.1.5

This is a corollary.
$$c - b = a. \tag{1.1.3}$$

Proof. Subtracting b from both sides of (1.1.2), we have

$$c - b = a + b - b$$
$$= a. \tag{1.1.4}$$

□

1.2 Another subsection

Theorem 1.2.1: Another

This is another theorem.

Remark. This is a remark.

2 Another section

2.1 Subsection of another section

Lemma 2.1.1

This is another lemma.