

MATH 101

F.T

Winter 2025

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Chapter 1

Examples

1.1 Theorem System

Theorem 1.1.1: Implicit Function Theorem

For $L \in GL(2 \times 2)$, then...there $\exists!$

Definition 1.1.2: Definition Name

A defintion.

Theorem 1.1.3: Theorem Name

There it is

Lemma 1.1.4: Lemma Name

A lemma.

Fact 1.1.5

A fact.

Corollary 1.1.6

A corollary.

Proposition 1.1.7

A proposition.

Claim

A claim.

Proof for Claim.

■ A reference to Theorem ■

Proof. Veniam velit incididunt deserunt est proident consectetur non velit ipsum voluptate nulla quis. Ea ullamco consequat non ad amet cupidatat cupidatat aliquip tempor sint ea nisi elit dolore dolore.

Laboris labore magna dolore eiusmod ea ex et eiusmod laboris. Et aliquip cupidatat reprehenderit id officia pariatur. □

Example.

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Some remark.

Remark.

■ Some more remark.

1.2 Pictures