

GREAT UNIVERSITY, CS 000

# Lecture Note

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9102 Spring

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# 1 Introduction to Easy Class

## 1.1 Table

Right	Left	Longlonglonglonglonglonglonglong longlonglonglonglonglong- longlonglonglonglonglonglong longlonglonglonglonglong
Right	Left	Longlonglonglonglonglonglong longlonglonglonglonglonglong- long longlonglonglong longlonglonglonglonglonglonglong

Table 1.1: This is a caption

## 1.2 List

This is a List:

- **Bullet 1:** Bullet 1 is bullet 1.
- **Bullet 2:** Bullet 2 is bullet 2.

## 1.3 Definition

**Definition 1.** *DEFINITION NAME:* This is a definition.

## 1.4 Theorem

### Theorem 1.1: THEOREM NAME

This is a theorem. Below are equations.

$$\psi(\mathbf{a}) = A \cdot \mathbf{a} + \mathbf{t}. \quad (1.1)$$

$$R_x = \begin{bmatrix} 0 & \cos(\theta) & -\sin(\theta) \\ 0 & \sin(\theta) & \cos(\theta) \\ 1 & 0 & 0 \end{bmatrix}, R_y = \begin{bmatrix} \cos(\theta) & 0 & -\sin(\theta) \\ \sin(\theta) & 0 & \cos(\theta) \\ 0 & 1 & 0 \end{bmatrix}, R_z = \begin{bmatrix} \cos(\theta) & -\sin(\theta) & 0 \\ \sin(\theta) & \cos(\theta) & 0 \\ 0 & 0 & 1 \end{bmatrix} \quad (1.2)$$

### Lemma 1.2: LEMMA NAME

This is a lemma

### Proof 1.2: LEMMA NAME

This is a proof. □

## 1.5 Tikz Pictures

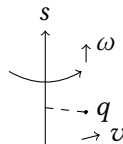


Figure 1.1: This is a caption.

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