

# Your Presentation Title

## SHU Beamer Theme

Sheng Li

College of Science  
Shanghai University

February, 2024



① Introduction

② Literature Review

③ Methods

④ Results

⑤ References

1 Introduction

2 Literature Review

3 Methods

4 Results

5 References

This template is based on [THU Beamer Theme](#) from Jiayi Weng.

In the following you find a brief introduction on how to use  $\text{\LaTeX}$  and the beamer package to prepare slides.

# Animations

- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna.

# Animations

- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna.
- Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem.

1 Introduction

2 Literature Review

3 Methods

4 Results

5 References

1 Introduction

2 Literature Review

**3 Methods**

4 Results

5 References



# Table

- Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante.

Microsoft® Windows	Apple® Mac OS
Windows-Kernel	Unix-like
Arm, Intel	Intel, Apple Silicon
Sudden update	Stable update
Less security	More security
...	...

# Formula

## Non-Numbering Formula

$$J(\theta) = \mathbb{E}_{\pi_{\theta}}[G_t] = \sum_{s \in \mathcal{S}} d^{\pi}(s) V^{\pi}(s) = \sum_{s \in \mathcal{S}} d^{\pi}(s) \sum_{a \in \mathcal{A}} \pi_{\theta}(a|s) Q^{\pi}(s, a)$$

## Multi-Row Formula<sup>1</sup>

$$\begin{aligned} Q_{\text{target}} &= r + \gamma Q^{\pi}(s', \pi_{\theta}(s')) + \epsilon \\ \epsilon &\sim \text{clip}(\mathcal{N}(0, \sigma), -c, c) \end{aligned} \tag{1}$$

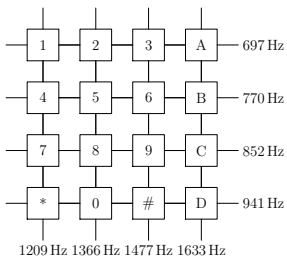
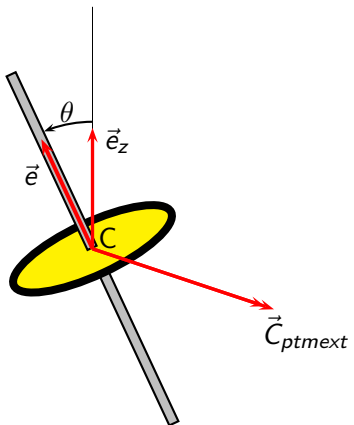
---

<sup>1</sup>If text appears in the formula, use `\mathrm{\{}` or `\text{\{}` instead.

## Numbered Multi-line Formula

$$\begin{aligned} A &= \lim_{n \rightarrow \infty} \Delta x \left( a^2 + \left( a^2 + 2a\Delta x + (\Delta x)^2 \right) \right. \\ &\quad + \left( a^2 + 2 \cdot 2a\Delta x + 2^2 (\Delta x)^2 \right) \\ &\quad + \left( a^2 + 2 \cdot 3a\Delta x + 3^2 (\Delta x)^2 \right) \\ &\quad + \dots \\ &\quad \left. + \left( a^2 + 2 \cdot (n-1)a\Delta x + (n-1)^2 (\Delta x)^2 \right) \right) \\ &= \frac{1}{3} (b^3 - a^3) \quad (2) \end{aligned}$$

# Graphics and Columns



# L<sup>A</sup>T<sub>E</sub>X Common Commands

## Commands

<code>\chapter</code>	<code>\section</code>	<code>\subsection</code>	<code>\paragraph</code>
chapter	section	sub-section	paragraph
<code>\centering</code>	<code>\emph</code>	<code>\verb</code>	<code>\url</code>
center	emphasize	original	hyperlink
<code>\footnote</code>	<code>\item</code>	<code>\caption</code>	<code>\includegraphics</code>
footnote	list item	caption	insert image
<code>\label</code>	<code>\cite</code>	<code>\ref</code>	
label	citation	refer	

## Environment

<code>table</code>	<code>figure</code>	<code>equation</code>
table	figure	formula
<code>itemize</code>	<code>enumerate</code>	<code>description</code>
non-numbering item	numbering item	description

# L<sup>A</sup>T<sub>E</sub>X Examples of environmental commands

```
1 \begin{itemize}
2   \item A \item B
3   \item C
4 \begin{itemize}
5   \item C-1
6 \end{itemize}
7 \end{itemize}
```

- A
- B
- C
- C-1

L<sup>A</sup>T<sub>E</sub>X Examples of environmental commands

```
1 \begin{itemize}
2   \item A \item B
3   \item C
4 \begin{itemize}
5   \item C-1
6 \end{itemize}
7 \end{itemize}
```

- A
- B
- C
- C-1

```
1 \begin{enumerate}
2   \item A \item B
3   \item C
4 \begin{itemize}
5   \item [n+e]
6 \end{itemize}
7 \end{enumerate}
```

- ① A
  - ② B
  - ③ C
- n+e

L<sup>A</sup>T<sub>E</sub>X Formulas

```
1 $V = \frac{4}{3}\pi r^3$
2
3 \[
4   V = \frac{4}{3}\pi r^3
5 \]
6
7 \begin{equation}
8   \label{eq:vsphere}
9   V = \frac{4}{3}\pi r^3
10 \end{equation}
```

$$V = \frac{4}{3}\pi r^3$$

$$V = \frac{4}{3}\pi r^3$$

$$V = \frac{4}{3}\pi r^3 \quad (3)$$

- more information [here](#)



```
1 \begin{table}[htbp]
2   \caption{numbers & meaning}
3   \label{tab:number}
4   \centering
5   \begin{tabular}{cl}
6     \toprule
7     number & meaning \\
8     \midrule
9     1 & 4.0 \\
10    2 & 3.7 \\
11    \bottomrule
12  \end{tabular}
13 \end{table}
```

表 1: numbers & meaning

numbers	meaning
1	4.0
2	3.7

formula (3) at previous slide and Table 1.

# Block

## Centered Block Title

This is a centered block.

1 Introduction

2 Literature Review

3 Methods

**4 Results**

5 References

1 Introduction

2 Literature Review

3 Methods

4 Results

5 References

- [1] S. Li, “Shu beamer theme,” in *How to write beautiful L<sup>A</sup>T<sub>E</sub>X*, 2024.