

# Your Presentation Title

## SCNU Beamer Theme

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# ② Literature Review

# ③ Methods

# ④ Results

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This template is a 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.

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# 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>

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

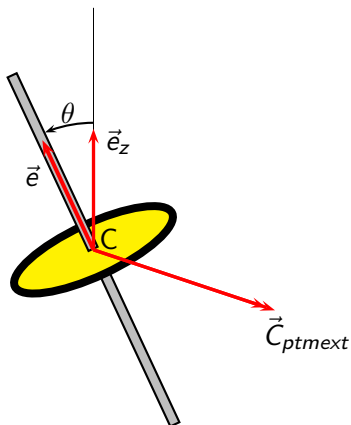
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<sup>1</sup>If text appears in the formula, use `\mathrm{\{}` or `\text{\{}` instead

## Numbered Multi-line Formula

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

# Graphics and Columns



|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| 1       | 2       | 3       | A       | 697 Hz |
| 4       | 5       | 6       | B       | 770 Hz |
| 7       | 8       | 9       | C       | 852 Hz |
| *       | 0       | #       | D       | 941 Hz |
| 1209 Hz | 1366 Hz | 1477 Hz | 1633 Hz |        |

# $\text{\LaTeX}$ Common Commands

## Commands

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

## Environment

|  |  |   |
|--|--|---|
| <code>table</code><br>table                | <code>figure</code><br>figure            | <code>equation</code><br>formula        |
| <code>itemize</code><br>non-numbering item | <code>enumerate</code><br>numbering item | <code>description</code><br>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 &amp; 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.

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