

Your Main Title

Your Subtitle

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① Introduction

② Literature Review

③ Methods

④ Results

⑤ References

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GPT3-derived Models DALL-E & CLIP

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- Results accessible at
<https://scholar.google.com>

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

Algorithms

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 Formula¹

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

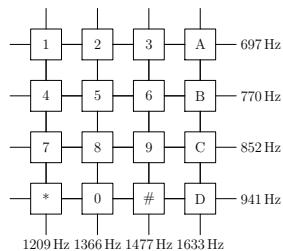
¹If text appears in the formula use `\mathrm{}` or `\text{}` instead

Numbered Multi-line Formula

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

Graphics and Columns

θ_C
 $\vec{e} \vec{e}_{ptmext}$



LaTeX Common Commands

Commands

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

Environment

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

LaTeX 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

LaTeX Examples of environmental commands

```
1 \begin{itemize}
2   \item A \item B
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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

LaTeX 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}
```

Table 1: numbers & meaning

numbers	meaning
1	4.0
2	3.7

formula (3) at previous slide and
Table 1

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- In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat.
- Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam.
- Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi.

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- [1] Q. Lu, “A uow beamer theme,” in *How to write beautiful L^AT_EX*, 2024.

Thank You