

Your Presentation Title

University of Turku Beamer Theme

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March, 2023



1 Introduction

2 Literature Review

3 Methods

4 Results

5 References

Title

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- 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.

Title

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1 Introduction

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- GPT3-derived Models DALLE & CLIP

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- Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi.
- Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.
- Results accessible at <https://scholar.google.com>

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 - Diffusion Model
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Title

- 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
...	...

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^a

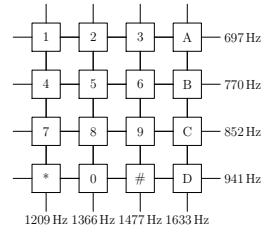
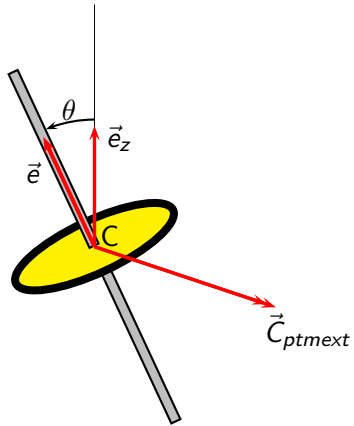
^aIf text appears in the formula use `\mathrm{}` or `\text{}` instead

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

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



L^AT_EX 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^AT_EX 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^AT_EX Examples of environmental commands

```
1 \begin{itemize}
2   \item A \item B
3   \item C
4   \begin{itemize}
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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^AT_EX 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}
```

● more information [here](#)

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

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

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

```
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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- Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- 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] A. Jeevannavar, “Unofficial university of turku beamer theme,” in *How to write beautiful L^AT_EX*, 2023.

Thank You