

QUT Beamer Theme

Presentation

Presenter

School of Information Systems
Queensland University of Technology

May 26, 2021



① Introduction

② Literature Review

③ Research Problem

④ Research Plan

⑤ References

1 Introduction

2 Literature Review

3 Research Problem

4 Research Plan

5 References

Original Template

- Modify from this theme [unk15]

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- Modify from this theme [unk15]
- Overleaf <https://www.overleaf.com/latex/templates/thu-beamer-theme/vwnqmqzndvwyb>

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- Modify from this theme [unk15]
- Overleaf <https://www.overleaf.com/latex/templates/thu-beamer-theme/vwnqmqzndvwyb>
- **GitHub Page**
<https://github.com/Trinkle23897/THU-Beamer-Theme>

1 Introduction

2 Literature Review
Beamer Subsection

3 Research Problem

4 Research Plan

5 References

1 Introduction

2 Literature Review
Beamer Subsection

3 Research Problem

4 Research Plan

5 References

Beamer Features

- More features come from <https://www.latexstudio.net/archives/4051.html>

1 Introduction

2 Literature Review

3 Research Problem
How to use Beamer

4 Research Plan

5 References

1 Introduction

2 Literature Review

3 Research Problem
How to use Beamer

4 Research Plan

5 References

Formatting Samples

Equation without numbers

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

Multiple equations¹

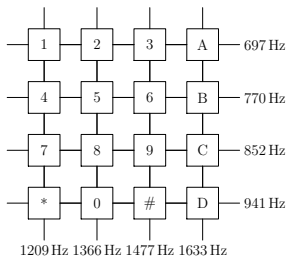
$$\begin{aligned} Q_{\text{target}} &= r + \gamma Q^\pi(s', \pi_\theta(s')) + \epsilon \\ \epsilon &\sim \text{clip}(\mathcal{N}(0, \sigma), -c, c) \end{aligned} \tag{1}$$

¹If containing text in equations use `\mathrm{}` or `\text{}`

Equation with numbers

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

Figure and Column



L^AT_EX Commands

Commands

<code>\chapter</code>	<code>\section</code>	<code>\subsection</code>	<code>\paragraph</code>
Chapter	Section	Subsection	Paragraph
<hr/>	<hr/>	<hr/>	<hr/>
<code>\centering</code>	<code>\emph</code>	<code>\verb</code>	<code>\url</code>
Centre Align	Emphasis	Verbatim	Hyperlink
<hr/>	<hr/>	<hr/>	<hr/>
<code>\footnote</code>	<code>\item</code>	<code>\caption</code>	<code>\includegraphics</code>
Footnote	Item	Caption	Fig&Pic
<hr/>	<hr/>	<hr/>	<hr/>
<code>\label</code>	<code>\cite</code>	<code>\ref</code>	
Label	Citing	Referring	
<hr/>	<hr/>	<hr/>	<hr/>

Environment Command

<code>table</code>	<code>figure</code>	<code>equation</code>
Table	Figure	Equation
<hr/>	<hr/>	<hr/>
<code>itemize</code>	<code>enumerate</code>	<code>description</code>
Bullets	Numbering	Description
<hr/>	<hr/>	<hr/>

L^AT_EX Environment Command Samples

```
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^AT_EX Environment Command Samples

```

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 Class 1
3   \item Class 2
4   \item Class 2
5   \begin{itemize}
6     \item[n+e] Student 1
7   \end{itemize}
8 \end{enumerate}

```

- ① Class 1
- ② Class 2
- ③ Class 3
 - n+e Student 1

L^AT_EX Equations

```

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}

```

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

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

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

- Check more [Here](#)

```

1 \begin{table}[htbp]
2   \caption{Definition}
3   \label{tab:number}
4   \centering
5   \begin{tabular}{cl}
6     \toprule
7     Word & Definition \\
8     \midrule
9     1 & 4.0 \\
10    2 & 3.7 \\
11    \bottomrule
12   \end{tabular}
13 \end{table}
14 Check definition of
15 Equation~(\ref{eq:vsphere})
16 in Table~\ref{tab:number}

```

Table 1: Definition

Eq.	Def.
1	4.0
2	3.7

Please check the definition of Equation (3) in Table 1

Plotting

- Vector: eps, ps, pdf
 - METAPOST, pstricks, pgf ...
 - Xfig, Dia, Visio, Inkscape ...
 - Export Matlab / Excel as pdf
- Bitmap: png, jpg, tiff ...
 - Avoiding using bitmaps



Figure 1: This is a Bitmaps

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② Literature Review

③ Research Problem

④ Research Plan

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- Year 1
- Year 2
- Year 3
- ...

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② Literature Review

③ Research Problem

④ Research Plan

⑤ References

[unk15] unknown.
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2015.

Thanks!