YTU Beamer Theme

Presentation

XXX

School of Computer and Control Engineering
Yantai University

2021 年 9 月 17 日

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/vwnqmzndvwyb

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- GitHub Page `https://github.com/Trinkle23897/THU-Beamer-Theme`

Beamer Features

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

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 equations[1]

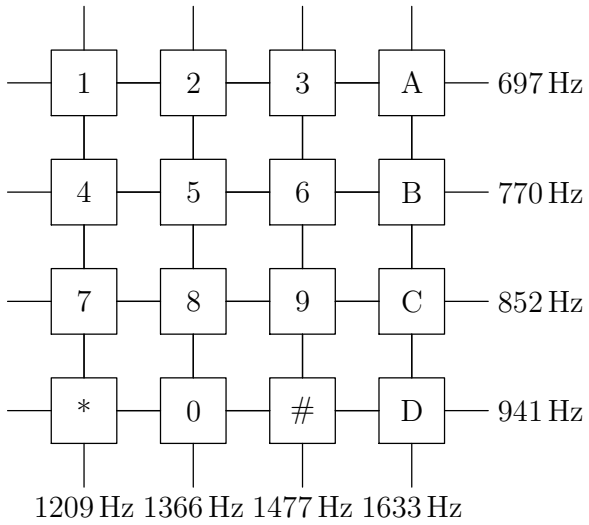
$$Q_{\text{target}} = r + \gamma Q^\pi(s', \pi_\theta(s') + \epsilon) \tag{1}$$
$$\epsilon \sim \text{clip}(\mathcal{N}(0, \sigma), -c, c)$$

[1] If containing text in equations, use \mathrm{} or \text{}

Equation with numbers

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

Figure and Column



LaTeX Commands

Commands

\chapter Chapter	\section Section	\subsection Subsection	\paragraph Paragraph
\centering Centre Align	\emph Emphasis	\verb Verbatim	\url Hyperlink
\footnote Foodnote	\item Item	\caption Caption	\includegraphics FigP&Pic
\label Label	\cite Citing	\ref Referring	

Environment Command

table Table	figure Figure	equation Equation
itemize Bullets	enumerate Numbering	description Description

LaTeX Environment Command Samples

```
\begin{itemize}
  \item A \item B
  \item C
  \begin{itemize}
    \item C-1
  \end{itemize}
\end{itemize}
```

- A
- B
- C
  - C-1

LaTeX Environment Command Samples

```
\begin{itemize}
  \item A \item B
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  \begin{itemize}
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  \end{itemize}
\end{itemize}
```

- A
- B
- C
  - C-1

```
\begin{enumerate}
  \item Class 1
  \item Class 2
  \item Class 2
  \begin{itemize}
    \item[n+e] Student 1
  \end{itemize}
\end{enumerate}
```

1. Class 1
2. Class 2
3. Class 3

   n+e Student 1

LaTeX Equations

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

\[
  V = \frac{4}{3}\pi r^3
\]

\begin{equation}
  \label{eq:vsphere}
  V = \frac{4}{3}\pi r^3
\end{equation}
```

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

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

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

- Check more Here

```
\begin{table}[htbp]
  \caption{Definition}
  \label{tab:number}
  \centering
  \begin{tabular}{cl}
    \toprule
    Word & Definition \\
    \midrule
    1 & 4.0 \\
    2 & 3.7 \\
    \bottomrule
  \end{tabular}
\end{table}
Check definition of
Equation~(\ref{eq:vsphere})
in Table~\ref{tab:number}。
```

表 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

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

[unk15] unknown.
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Thanks!