

A large, faint watermark of the Tsinghua University seal is visible in the background. The seal is circular with a five-pointed star in the center. The words "TSINGHUA UNIVERSITY" are written in English around the perimeter, and Chinese characters are written in the inner ring. The year "1911" is at the bottom.

Some L^AT_EX Tricks

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- 1 Packages
- 2 Websites
- 3 Tools
- 4 Docs
- 5 Commands
- 6 Templates
- 7 Build Automation
- 8 Font
- 9 Other

① Manually Install

- Put `.sty` in the same directory (example: `pinoutikz`)
- `/usr/local/texlive/2019/texmf-dist/tex/latex/`; `texhash` (example: `pinoutikz`)

② Auto Install: TeX Live Utility

- SJTU: <http://mirrors.sjtug.sjtu.edu.cn/ctan>
- CTAN: <https://ctan.org/tex-archive>
- TUNA: <https://mirrors.tuna.tsinghua.edu.cn/CTAN>



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- ① <https://www.latexstudio.net>
- ② <https://www.overleaf.com>



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- ① Excel \rightarrow csv \rightarrow LaTeX: <https://www.tablesgenerator.com>,
<https://tableconvert.com>
- ② The Comprehensive LaTeX Symbol List
- ③ Short Course Symbol Tables
- ④ <http://detexify.kirelabs.org/classify.html>
- ⑤ <https://webdemo.myscript.com>



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- ① texdoc
- ② <https://www.draw.io>
- ③ ChinaTEX MathFAQ
- ④ Mathematical Writing



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- ① `\newcommand/\renewcommand` (example $\frac{df}{dx}$)
- ② `\ensuremath` (example 1 cm^{-1} , 1 cm^{-1})
- ③ `\input` (like `#include` in C language)



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- ① Beamer (Tsinghua Beamer Templates)
- ② ThuThesis (compatibility)
- ③ REVTeX (4.1)



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- ① compile engine: `~/Library/TeXShop/Engines/`
- ② latexmk: `latexmk main.tex`



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① Install

- Put the font file in the same directory
- Install as the system font

② Usage

- `\fontspec{JennaSue.ttf}`
- `\newfontfamily\JS{JennaSue.ttf}`
- `\setmainfont{JennaSue.ttf}`
- ...



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① `\hspace` & `\vspace` (exapme: 1 2)

② `\minipage` example:



③ `[htbp]` & `[H]`

④ Any Questions?