

this is a title

pl and 0x00-pl

the date is today

Contents

1 section 0 哈哈 L^AT_EX 2

2 compile 2

2.1 MakeFile 2

2.2 sections 2

2.2.1 set section counter 2

3 contents 你好 L^AT_EX 2

4 strings 3

5 formulas 3

6 left and right 3

7 something verbatim 3

8 colors 3

9 images 5

10 size and fount 6

10.1 size 6

10.2 fount 6

11 lists 6

12 tables 6

12.1 tabular 6

13 common errors – part 4 of the lecture	6
13.1 notation and referance	6
13.2 more on figure	7
13.3 footnote	7
13.4 hyper link	7
13.5 errors and warings	7
13.6 lengths	7
13.7 counters	7
13.8 boxes	7
13.9 rules and struts	8
14 common errors – part 5 of the lecture	8

1 section 0 哈哈 L^AT_EX

L^AT_EX

2 compile

2.1 MakeFile

```
latex hello-latex.text
dvi2pdf hello-latex.dvi
```

2.2 sections

```
\section
\subsection
\subsubsection
\paragraph
\subparagraph
```

2.2.1 set section counter

```
\setcounter{section}{3}
```

3 contents 你好 L^AT_EX

first contents 你好 L^AT_EX

You can mix latin letters and chinese.

4 strings

this is some text of content of “this” subsection.
this is another line of content.

5 formulas

$$B^2 = \mathbf{B} \times B$$

$A[3]$ is A_3

6 left and right

`\raggedright{text on left}`

`\begin{flushleft}`
flushleft
`\end{flushleft}`

`\raggedleft{text on right}`

`\begin{flushright}`
flushright
`\end{flushright}`

`\centering{centering}`

`\begin{center}`
center
`\end{center}`

7 something verbatim

some thing verbatim, which without escape `\\ /23454234$&%^&^(*^\\z@%@#$$%`

8 colors



Figure 1: [title of image](#)

9 images



Figure 2: 2 images

10 size and fount

10.1 size

tiny
footnotesize
small
normalsize
large
Large
LARGE
huge

10.2 fount

testnormal normalfont
texttt ttfamily
textbf bfseries
testit itshape

11 lists

- item 1
- item 2

12 tables

12.1 tabular

this is a tabular:

3×3 matrix		
11	12	13
21	22	23
31	32	33

13 common errors – part 4 of the lecture

13.1 notation and referance

examples:

`\labe{marker}`
...
`\ref{marker}`

...
`\pageref{marker}`

we can ref the (figure:2img): 9

13.2 more on figure

on

`\begin{figure}[!t]`

the `[!t]` notation means force the image shows on the top of the page.

ps:

`[!h]` means put it here.

`[!t]` means put it on top.

`[!b]` means put it on bottom.

`[!p]` means put it into another page.

13.3 footnote

this is the footnote ¹

13.4 hyper link

use the package 'hyperref'

`\url{http://the.url.is.here}`

`\href{http://there.is.another.url}` {the link title or some discription}

13.5 errors and warings

`{}` miss match: Too many `}`'s

letter wrong like `\dtae{Mar.2014}`: Undefined control sequence

not in math mode: Not in Mathematics Mode.

image or box are too large: Bad Boxes!

missing packages: Missing Packages

13.6 lengths

normally don't override `textlength` setting or something like that.

13.7 counters

not normally used

¹the footnote text is here

13.8 boxes

add box on the text or `\boxed{something}`
use `\framebox`

13.9 rules and struts

make some area black or something like that

14 common errors – part 5 of the lecture