

this is a title

pl

the date is today

Contents

Chapter 1

1

哈哈 L^AT_EX

1.1 section 1

1.1.1 section 2.1

first contents 你好 L^AT_EX

You can mix latin letters and chinese.

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

1.2 formulas

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

$$A[3] \text{ is } A_3$$

1.3 left and right

text on left

another text on left

text on right

another text on right

Chapter 2

verbatim

some thing verbatim \\ /23454234\$&%^&^(*^\z@%@#\$\$%

2.1 colors



Figure 2.1: [title of image](#)

2.2 lists

- item 1
- item 2

Chapter 3

tables

3.1 common elements II

3.1.1 tabular

this is a tabular:

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

Chapter 4

images



Figure 4.1: 2 images

Chapter 5

common errors – part 4 of the lecture

5.1 notation and reference

examples:

```
\lable{marker}
```

...

```
\ref{marker}
```

...

```
\pageref{marker}
```

we can ref the (figure:2img): 4

5.2 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.

5.3 footnote

this is the footnote ¹

5.4 hyper link

use the package 'hyperref'

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

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

5.5 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

5.6 lengths

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

5.7 counters

not normally used

5.8 boxes

add box on the text or something

use `\framebox`

5.9 rules and struts

make some area black or something like that

¹the footnote text is here