# 你好, world!

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# 目录

## 1 你好中国

中国在 East Asia.

#### 1.1 Hello Beijing

北京是 capital of China.

#### 1.1.1 Hello Dongcheng District

Tian'anmen Square is in the center of Beijing

Chairman Mao is in the center of 天安门广场。

### 1.2 Hello 山东

山东大学 is one of the best university in 山东。Einstein 's  $E=mc^2$ .

$$E = mc^{2}.$$

$$E = mc^{2}.$$

$$z = r \cdot e^{2\pi i}.$$
(1)

 $\sqrt{x}$ ,  $\frac{1}{2}$ .

$$\sqrt{x}$$
,

$$\frac{1}{2}$$
.

$$\pm \times \div \cdot \cap \cup \geq \leq \neq \approx \equiv$$

$$\sum_{i=1}^{n} i \prod_{i=1}^{n} \sum_{i=1}^{n} i \prod_{i=1}^{n}$$

$$\lim_{x \to 0} x^{2} \int_{a}^{b} x^{2} dx$$

$$\lim_{x \to 0} x^{2} \int_{a}^{b} x^{2} dx$$

$$\iiint \iiint \iiint \int \cdots \int$$

$$\left(\left(\left(((x)\right)\right)\right)\right)$$

$$\begin{bmatrix} \begin{bmatrix} \begin{bmatrix} [[x]] \end{bmatrix} \end{bmatrix} \\ \left\{ \left\{ \left\{ \left\{ \left\{ x\right\} \right\} \right\} \right\} \\ \left\langle \left\langle \left\langle \left\langle \left\langle x\right\rangle \right\rangle \right\rangle \right\rangle \\ \left\| \left\| \left\| x \right\| \right\| \right\| \\ \left\| \left\| \left\| x \right\| \right\| \right\| \right\| \\ \left\| \left\| \left\| \left\| x \right\| \right\| \right\| \right\|$$

 $x_1, x_2, \ldots, x_n \quad 1, 2, \cdots, n \quad \vdots \quad \ddots$ 

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \quad \begin{bmatrix} a & b \\ c & d \end{bmatrix} \quad \begin{cases} a & b \\ c & d \end{cases} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix} \quad \begin{vmatrix} a & b \\ c & d \end{vmatrix}$$



操作系统	发行版	编辑器
Windows	MikTeX	TexMakerX
Unix/Linux	teTeX	Kile
Mac OS	MacTeX	TeXShop
通用	TeX Live	TeXworks



图 1: 有图有真相