

# My latex manpage

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## 1 Hello China

China is in East Asia.

2nd sentence.

### 1.1 Hello Beijing

Beijing is the 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 Tian'anmen Square

### 1.2 Math Function

**T**he Newton's second law is  $F=ma$ .

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Greek Letters  $\eta$  and  $\mu$

Fraction  $\frac{a}{b}$   
 Power  $a^b$   
 Subscript  $a_b$   
 Derivate  $\frac{\partial y}{\partial t}$   
 Vector  $\vec{n}$   
 Bold **n**  
 To time differential  $\dot{F}$   
 Matrix (lcr here means left, center or right for each column)

$$\left[ \begin{array}{ccc} a1 & b22 & c333 \\ d444 & e555555 & f6 \end{array} \right]$$

Equations(here & is the symbol for aligning different rows)

$$\begin{array}{rcl} a + b = c & & (1) \\ d = e + f + g & & (2) \end{array}$$

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