example

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目录

表 1: The number of Iterations

iter1	iter2
31	25
20	17
45	37

1 Section 1

itemize.

1.1 subsection 1.1

This is itemize example. if 列举的项中有编码，use enumerate to replace itemize.

- Item 1.
- Item 1.
- Item 2.
- ...
- Item n.

2 Section 2 : table

This is Section 2. Here is a table.

3 Section 3 : math

No numbered section 3. 符号和公式.

3.1 subsection 3.1

同一行的公式：$\sum_{i=0}^{10} i$
另起一行的公式：

$$\sum_{i=0}^{10} i$$

This is a numbered equation:

$$\sum_{i=0}^{10} i = 0 + 1 + 2 + \ldots + 10 \tag{1}$$

This is an unnumbered equation:

$$\prod_{i=1}^{5} i = 1 \times 2 \times 3 \times 4 \times 5$$

This is a multi-line aligned equation:

$$\sum_{i=0}^{10} i = 0 + 1 + 2 + \ldots + 10 \tag{2}$$

$$\prod_{i=1}^{5} i = 1 \times 2 \times 3 \times 4 \times 5 \tag{3}$$

This is a display formula:

$$\int_{x=1}^{10} \frac{1}{x^2}$$

$$\frac{d}{dy} y^2$$

$$\lim_{n \to \infty} \frac{1}{n} 10 \equiv 1 \pmod 3 \sqrt{\frac{a}{b+c}} (b + a)$$

3.2 subsection 3.2

Some names:$\alpha\beta\gamma\sigma\epsilon\Sigma\Gamma$
$\neq\geq\leq\approx\equiv\int\forall\exists\partial\sim 4^{12}4^1 2 C_{60}^{3}\frac{1}{2}$

3.3 subsection 3.3

matrix

$$\begin{bmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \end{bmatrix} \begin{pmatrix} 1 & 4 & 0 \\ 2 & 5 & 8 \end{pmatrix} \begin{vmatrix} 1 & 4 & 0 \\ 2 & 5 & 8 \end{vmatrix}$$

4 section 4

graphic