第一章 Conceal test

1.1 Headings

1.1.1 Subsection

SubSubsection

Another subsubsection

1.2 Lists

1.2.1 Enumerate

- 1. First item.
- 2. Second item.
 - (a) nested item.
 - i. nest more

A. The last nest layer.

1.2.2 Itemize

• Itemize can nest, too.

- * .

1.3 Math

1.3.1 greek alphabet

αβγδεεζηθθικλμνξπωροσςτυφφχψωΓΔΘΛΞΠΣΥΦΨΩ.

1.3.2 remove backslash

sin cos tan cot arcsin gcd deg exp sup inf d ln log sgn xyz.

1.3.3 operators

$$\approx \cap \cdot \circ \cup \div \wedge \vee \mp \nabla \neg \circ \ominus \oplus \oslash \otimes \partial \pm \mathfrak{N} \setminus \neg \cup \times \triangle \vee \wedge \sqcup \underline{\square} = [\underline{]} \langle \rangle \rightleftharpoons.$$

$$() \cap \bigcirc \bigcup \bigcirc \bigoplus \otimes | \neg \bigcirc \vee \wedge \wedge \bigcirc \downarrow \oplus \bigoplus \bigoplus \bigoplus \bigoplus \bigoplus \bigoplus \square \bigcirc \square \supseteq \square$$

1.3.4 arrows

$$\mapsto \!\!\! \downarrow \!\! \nearrow^{\!\!\! \uparrow} \!\! \searrow \!\! / \!\!\! \uparrow \!\!\! \uparrow \!\!\! \to \!\!\! \uparrow \!\!\! \to \!\!\! \leftarrow \!\!\!\! \leftarrow \!\!\!\! \leftarrow \!\!\!\! \leftarrow \!\!\!\! \leftarrow \!\!\!\! \leftarrow \!\!\!\! \longleftrightarrow \!\!\!\! \downarrow \Longrightarrow .$$

1.3.5 reletionship

$$\bot \cong \doteq \equiv \geq \geq \in \leq \leq \ll |\neq \neq \Rightarrow | \notin \Rightarrow | \bot \prec \preceq \infty \sim \simeq \vdash \sqsubseteq \exists \exists \exists \vdash \subseteq \vdash \succeq \ni \supseteq \vdash.$$

1.3.6 other symbols

$$\|\|\|* \setminus \bowtie \bullet \textcircled{\Diamond} \dagger \dashv \ddagger \diamondsuit \frown \gg \longleftrightarrow \frown \P' \qquad \ \ \, \smile \star \sqrt{\top} \triangleleft \trianglerighteq||.$$

1.3.7 fractions

If the fraction has only numbers, we will conceal it as a constant. Else, we will conceal it into three delims. Don't worry about nested fractions, the delims can use rainbow color. $\frac{12345}{67890} \frac{-999}{-123} \frac{11}{22} \frac{a}{b} \frac{\alpha}{b} \frac{\frac{1}{2}}{\frac{3}{2}}. \quad \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$

1.3.8 sqrt

Same as frac, there are three different methods to conceal sqrt. $\sqrt[3]{2} \sqrt[7]{8}$