

test

2022 年 11 月 2 日

1 the outline of logic

$$\text{数理逻辑} \left\{ \begin{array}{l} \text{命题逻辑} \\ \text{test} \\ \text{test} \end{array} \right\}$$

2 the development of logic

2.1 start from leibniz

2.2 三次数学危机

3 Propositional Connectives

3.1 negation

3.2 conjunction, disjunction and conditional

conditional : 比如说 $a \Rightarrow b$ 的意思是 $\neg a \wedge b$

\emptyset

4 Notation