

<<MUTUALLY-INVERSISTIC>>

图书基本信息

书名：<<MUTUALLY-INVERSISTIC LOGIC.MATHEMATICS.AND THEIR APPLICATIONS-互逆主义逻辑.数学和它们的应用-英文版>>

13位ISBN编号：9787511716118

10位ISBN编号：7511716113

出版时间：周训伟 中央编译出版社 (2013-03出版)

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章节摘录

版权页：插图： Two third-order single empirical or mathematical connection propositions connected by a connection operator form a third-order single logical connection proposition, if the proposition formed is a variable proposition; e.g., \neg is a third-order single logical connection proposition. Two third-order single empirical or mathematical connection propositions or distinguished single empirical or mathematical connection propositions O1 and U1 connected by \neg form a quasi-transcendent logical connection proposition, if the proposition formed is an invariable proposition. For example, \neg , \neg U1, are quasi-transcendent logical connection propositions. Two third-order single empirical or mathematical connection propositions connected by \neg form a quasi-transcendent logical connection proposition, if the proposition formed is an invariable proposition; e.g., \neg , \neg are quasi-transcendent logical connection propositions. A true quasi-transcendent logical connection proposition is a quasi-transcendent logical theorem. The connection operator connecting single empirical or mathematical connection propositions is called a logical connection operator or a fourth-order main constant. The lowercase Greek letters α, β, γ denote logical connection operator variables or fourth-order main variables ranging over logical connection operators $\neg, \neg, \neg, =, <, >, \neg$. A logical connection operator variable connecting two distinct third-order single empirical or mathematical connection propositions forms a fourth-order single logical connection proposition, which is a variable proposition; e.g., α is a fourth-order single logical connection proposition. The upper case Greek letters are single logical connection proposition variables, and are abbreviations for fourth-order single logical connection propositions ranging over third-order single logical connection propositions; e.g., A is an abbreviation of α . O2 is a permanently false single logical connection proposition, U2 is a permanently true single logical connection proposition. O2 and U2 are distinguished single logical connection propositions.

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