

Erlaubte Schlußregeln

- (1) $\neg\neg A \iff A$
- (2) $A \wedge \top \iff A$
- (3) $A \wedge \perp \iff \perp$
- (4) $A \vee \top \iff \top$
- (5) $A \vee \perp \iff A$
- (6) $(A \wedge B) \wedge C \iff A \wedge (B \wedge C)$
- (7) $(A \vee B) \vee C \iff A \vee (B \vee C)$
- (8) $A \wedge B \iff B \wedge A$
- (9) $A \vee B \iff B \vee A$
- (10) $A \wedge A \iff A$
- (11) $A \vee A \iff A$
- (12) $A \wedge (B \vee C) \iff (A \wedge B) \vee (A \wedge C)$
- (13) $A \vee (B \wedge C) \iff (A \vee B) \wedge (A \vee C)$
- (14) $\neg(A \vee B) \iff \neg A \wedge \neg B$
- (15) $\neg(A \wedge B) \iff \neg A \vee \neg B$
- (16) $A \rightarrow B \iff \neg A \vee B$
- (17) $A \leftrightarrow B \iff (A \rightarrow B) \wedge (B \rightarrow A)$
- (18) $A \vee \neg A \iff \top$
- (19) $A \wedge \neg A \iff \perp$
- (20) $(A \rightarrow B) \wedge (B \rightarrow C) \implies (A \rightarrow C)$
- (21) $\perp \implies A$
- (22) $A \implies \top$
- (23) $A \wedge B \implies A$
- (24) $A \implies A \vee B$