

$$P \rightarrow Q \equiv \neg P \vee Q$$

$$P \triangleright_S Q \equiv P \wedge \neg Q \Rightarrow lf(S, P \vee Q) \equiv lf(s_1, P \vee Q) \wedge lf(s_2, P \vee Q)$$

$$P \mapsto_S Q \equiv P \triangleright_S Q \wedge (((P \wedge \neg Q \Rightarrow lf(s_1, Q)) \vee (P \wedge \neg Q \Rightarrow lf(s_2, Q))))$$

$$P \hookrightarrow_S Q$$

$$\frac{P \hookrightarrow_S Q, Q \Rightarrow R}{P \hookrightarrow_S R} \text{ Jobb oldal gyengítése}$$

$$\frac{P \hookrightarrow_S Q, R \Rightarrow P}{P \hookrightarrow_S Q} \text{ Bal oldal erősítése}$$

$$\frac{P \hookrightarrow_S Q, Q \triangleright_S \downarrow}{P \wedge K \hookrightarrow_S Q \wedge K} \text{ Stabillal metszés}$$

masodik ZH-hoz:

$$\text{legyen } K \in inv_s(\wedge INIT_h)$$

$$P \triangleright_h Q \longrightarrow P \wedge K \triangleright_s Q \wedge K$$

$$P \mapsto_h Q \longrightarrow P \wedge K \mapsto_s Q \wedge K$$

$$P \hookrightarrow_h Q \longrightarrow P \wedge K \hookrightarrow_s Q \wedge K$$

$$P \in inv_h \longrightarrow P \wedge K \in inv_s(\wedge INIT_h)$$

$$FP_h \Rightarrow R \longrightarrow \varphi_s \wedge K \Rightarrow R$$

$$Q \in TERM_h \longrightarrow sp(s_0, Q) \hookrightarrow_s \varphi_s$$