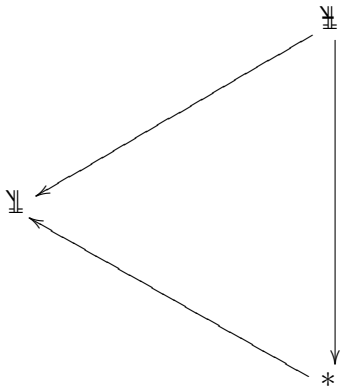

$\mathbb{L}$ Boolat

$$\mathbb{I} \underset{\text{ideal}}{\sqsubset} \mathbb{L} \Leftrightarrow \begin{cases} 0 \in \mathbb{I} \\ \forall \in \mathbb{I} \ni \exists & \Rightarrow \forall \vee \exists \in \mathbb{I} \\ \forall \leqslant \exists \in \mathbb{I} & \Rightarrow \forall \in \mathbb{I} \end{cases}$$

$$e \in \mathbb{I} \Rightarrow \mathbb{I} = \mathbb{L}$$

$$\sim \text{ Kongr-Rel } \Rightarrow \widetilde{\mathbb{L}}^0 = \frac{\forall \in \mathbb{L}}{\forall \sim 0} \underset{\text{ideal}}{\sqsubset} \mathbb{L}$$

$$0 \sim 0 \Rightarrow 0 \in \widetilde{\mathbb{L}}^0$$

$$\forall \leqslant \exists \in \widetilde{\mathbb{L}}^0 \Rightarrow \begin{cases} \forall \sim \forall \\ \exists \sim 0 \end{cases} \underset{\wedge \text{ congr}}{\Rightarrow} \forall = \forall \wedge \exists \sim \forall \wedge 0 = 0 \Rightarrow \forall \in \widetilde{\mathbb{L}}^0$$

$$\forall \in \widetilde{\mathbb{L}}^0 \ni \exists \Rightarrow \forall \sim 0 \sim \exists \underset{\vee \text{ congr}}{\Rightarrow} \forall \vee \exists \sim 0 \vee 0 = 0 \Rightarrow \forall \vee \exists \in \widetilde{\mathbb{L}}^0$$