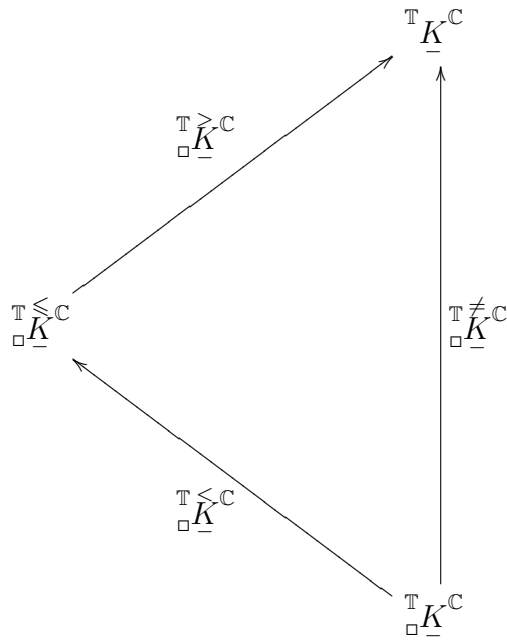


$$\mathbb{T}_{\underline{K}} \stackrel{\max}{\ni}_{\text{abel}} \mathbb{T}_{\underline{K}}$$

$$\mathbb{T}_{\underline{K}}^{1,C} = \mathbb{T}_{\underline{K}}^C \triangleleft \mathbb{T}_{\underline{K}}^C = \frac{b \in \mathbb{T}_{\underline{K}}^C}{\bigwedge_{b \in \mathbb{T}_{\underline{K}}^C} b * b = b \mathbb{1} b}$$

$$\mathbb{T}_{\underline{K}}^{\leq C} = \frac{\mathbb{T}_{\underline{K}}^{1,C}}{\mathbb{T}_{\underline{K}}^{\neq C} \ni \mathbb{1}} : \quad \mathbb{T}_{\underline{K}}^{\geq C} = \frac{\mathbb{T}_{\underline{K}}^{1,C}}{\mathbb{T}_{\underline{K}}^{\neq C} \ni \mathbb{1}}$$



$$\begin{array}{ccccc}
\mathbb{T}_{\square}^{\leq C} K & \subset & \mathbb{T} K^{\mathbb{C}} & \longrightarrow & \mathbb{T}_{\square}^{\leq C} K \dashv \mathbb{T} K^{\mathbb{C}} \\
\cup & & \cup & & \uparrow \text{)} \\
\mathbb{T}_{\square} K & \subset & \mathbb{T} K & \longrightarrow & \mathbb{T}_{\square} K \dashv \mathbb{T} K \\
\cap & & \cap & & \downarrow \text{)} \\
\mathbb{T}_{\square}^{\geq C} K & \subset & \mathbb{T} K^{\mathbb{C}} & \longrightarrow & \mathbb{T}_{\square}^{\geq C} K \dashv \mathbb{T} K^{\mathbb{C}}
\end{array}$$

$$\mathbb{T}_{\square}^{\geq C} K \cap \mathbb{T} K = \mathbb{T}_{\square} K = \mathbb{T}_{\square}^{\leq C} K \cap \mathbb{T} K$$

$$\mathbb{T}_{\square} \bar{K} = \bigcap_{\mathbb{T}_{\square} K} \mathbb{T} K$$

$$\mathbb{T}_{\square}^{\geq C} K \dashv \mathbb{T} K^{\mathbb{C}} = \mathbb{U} \frac{\mathbb{T}_{\square}^{\geq C} K \cdot \omega}{\mathbb{T}_{\square} K \dashv \bigcap_{\mathbb{T}_{\square} K} \mathbb{T} K \ni \omega}$$

$$\mathbb{T}_{\square}^{\leq C} K \dashv \mathbb{T} K^{\mathbb{C}} = \mathbb{U} \frac{\mathbb{T}_{\square}^{\leq C} K \cdot \omega}{\mathbb{T}_{\square} K \dashv \bigcap_{\mathbb{T}_{\square} K} \mathbb{T} K \ni \omega}$$

$$\mathbb{T}_{\square} K \dashv \mathbb{T} K = \mathbb{T}_{\square}^{\geq C} K \dashv \mathbb{T} K^{\mathbb{C}} \cup \mathbb{T}_{\square}^{\leq C} K \dashv \mathbb{T} K^{\mathbb{C}}$$

$$\text{length } \ell_{\omega} = \# \frac{\alpha > 0}{\omega \cdot \alpha < 0} = \dim \mathbb{T}_{\square}^{\geq C} K \cdot \omega = n - \dim \mathbb{T}_{\square}^{\leq C} K \cdot \omega$$

$$\mathbb{T}_{\square}^{\geq C} K \cdot \omega \cap \mathbb{T}_{\square}^{\leq C} K \cdot \omega = \omega$$