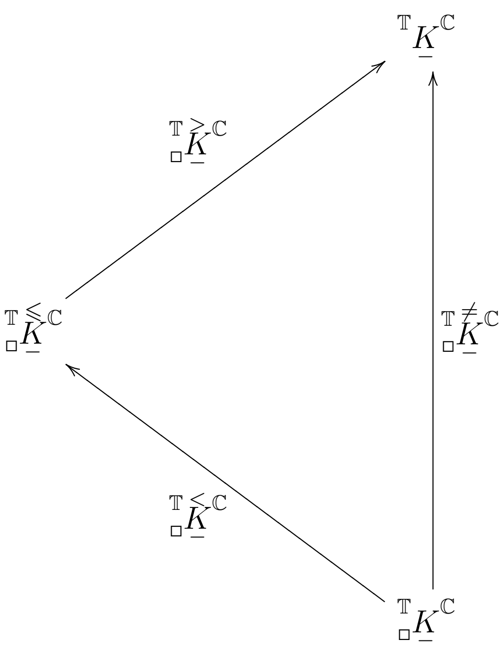
$$ {}^{\mathbb{T}}\underline{K} \ \underset{\text{abel}}{\overset{\max}{\sqsupset}} \ {}^{\mathbb{T}}_{\square}\underline{K} $$

$$ {}^{\mathbb{T}}_{\square}\underline{K}^{\daleth\,\mathbb{C}} = {}^{\mathbb{T}}\underline{K}^{\mathbb{C}} \blacktriangleleft^{\daleth} {}^{\mathbb{T}}_{\square}\underline{K}^{\mathbb{C}} = \frac{\mathsf{b} \in {}^{\mathbb{T}}\underline{K}^{\mathbb{C}}}{\bigwedge_{\flat \in {}^{\mathbb{T}}_{\square}\underline{K}^{\mathbb{C}}} \mathsf{b} \times \flat = \underbrace{\flat\daleth}\mathsf{b}} $$

$$ {}^{\mathbb{T}}_{\square}\underline{K}^{<\,\mathbb{C}} = \frac{{}^{\mathbb{T}}_{\square}\underline{K}^{-\daleth\,\mathbb{C}}}{{}^{\mathbb{T}}_{\square}\underline{K}^{\ddagger\,\mathbb{C}} \ni \daleth} : \quad {}^{\mathbb{T}}_{\square}\underline{K}^{>\,\mathbb{C}} = \frac{{}^{\mathbb{T}}_{\square}\underline{K}^{\daleth\,\mathbb{C}}}{{}^{\mathbb{T}}_{\square}\underline{K}^{\ddagger\,\mathbb{C}} \ni \daleth} $$



$$
\begin{array}{ccccc}
{}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}} & \subset & {}^{\mathbb{T}}K^{\mathbb{C}} & \longrightarrow & {}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}}\neg\,{}^{\mathbb{T}}K^{\mathbb{C}} \\
\cup & & \cup & & \uparrow \wr \\
{}^{\mathbb{T}}_{\square}K & \subset & {}^{\mathbb{T}}K & \longrightarrow & {}^{\mathbb{T}}_{\square}K\neg\,{}^{\mathbb{T}}K \\
\cap & & \cap & & \downarrow \wr \\
{}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}} & \subset & {}^{\mathbb{T}}K^{\mathbb{C}} & \longrightarrow & {}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}}\neg\,{}^{\mathbb{T}}K^{\mathbb{C}}
\end{array}
$$

$$
{}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}} \cap {}^{\mathbb{T}}K = {}^{\mathbb{T}}_{\square}K = {}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}} \cap {}^{\mathbb{T}}K
$$

$$
{}^{\mathbb{T}}_{\square}\overset{=}{K} = {}^{{}^{\mathbb{T}}_{\square}K}\backslash\,{}^{\mathbb{T}}K
$$

$$
{}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}}\neg\,{}^{\mathbb{T}}K^{\mathbb{C}} = \bigcup \frac{{}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}} \cdot \omega}{{}^{\mathbb{T}}_{\square}K\neg\,{}^{{}^{\mathbb{T}}_{\square}K}\backslash\,{}^{\mathbb{T}}K \ni \omega}
$$

$$
{}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}}\neg\,{}^{\mathbb{T}}K^{\mathbb{C}} = \bigcup \frac{{}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}} \cdot \omega}{{}^{\mathbb{T}}_{\square}K\neg\,{}^{{}^{\mathbb{T}}_{\square}K}\backslash\,{}^{\mathbb{T}}K \ni \omega}
$$

$$
{}^{\mathbb{T}}_{\square}K\neg\,{}^{\mathbb{T}}K = {}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}}\neg\,{}^{\mathbb{T}}K^{\mathbb{C}} \cup {}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}}\neg\,{}^{\mathbb{T}}K^{\mathbb{C}}
$$

$$
\text{length } \ell_{\omega} = \sharp\frac{\alpha > 0}{\omega \cdot \alpha < 0} = \dim {}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}} \cdot \omega = n - \dim {}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}} \cdot \omega
$$

$$
{}^{\mathbb{T}}_{\square}\overset{\geqslant}{K}^{\mathbb{C}} \cdot \omega \cap {}^{\mathbb{T}}_{\square}\overset{\leqslant}{K}^{\mathbb{C}} \cdot \omega = \omega
$$