$$\mathbb{K}^{o}_{\leqslant r} = \frac{z \in \mathbb{K}}{z \wr o \leqslant \varepsilon}$$

$$\mathbb{K}^{o}_{< r} = \frac{z \in \mathbb{K}}{z \wr o < \varepsilon}$$

$$U \underset{\text{off}}{\subsetneq} \mathbb{K} \Leftrightarrow \bigwedge_{z \in U} \bigvee_{r > 0} \mathbb{K}^{z}_{< r} \subset U$$

$$\mathbb{K}^{o}_{< R} \subsetneq \mathbb{K}$$

$$z \in \mathbb{K}^{o}_{< R} \Longrightarrow z \wr o < R \Longrightarrow R - z \wr o > 0$$

$$\mathbb{K}^{z}_{< R - z \wr o} \subset \mathbb{K}^{o}_{< R}$$

$$\acute{z} \in \mathbb{K}^{z}_{< R - z \wr o} \Longrightarrow \acute{z} \wr z < R - z \wr o \Longrightarrow \acute{z} \wr o \underset{\text{trans}}{\leqslant} \underbrace{\acute{z} \wr z}_{< R - z \wr o} + z \wr o < R$$

$$A \underset{\text{abg}}{\sqsubseteq} \mathbb{K} \Leftrightarrow \mathbb{K} \llcorner A \subsetneq \mathbb{K}$$

$$C \underset{\text{off-abg}}{\subsetneq} \mathbb{K} \Leftrightarrow C \subsetneq \mathbb{K} \sqsubseteq C$$

$$U_i \Subset \mathbb{K} \Rightarrow \bigcup_i U_i \Subset \mathbb{K}$$

$$A_i \sqsubset \mathbb{K} \Rightarrow \bigcap_i A_i \sqsubset \mathbb{K}$$

$$\Subset: \quad z \in \bigcup_i U_i \Rightarrow \bigvee_{j \in I} z \in U_j \Rightarrow \bigvee_{r>0} \mathbb{K}^z_{<r} \subset U_j \subset \bigcup_i U_i \Rightarrow \mathbb{K}^z_{<r} \subset U_j \subset \bigcup_i U_i$$

$$\sqsubset: \quad \mathbb{K} \setminus A_i \Subset \mathbb{K} \Rightarrow \mathbb{K} \setminus \overbrace{\bigcap_i A_i} = \bigcup_i \overbrace{\mathbb{K} \setminus A_i} \Subset \mathbb{K} \Rightarrow \bigcap_i A_i \sqsubset \mathbb{K}$$

$$U_n \Subset \mathbb{K} \Rightarrow \bigcap_n U_n \Subset \mathbb{K}$$

$$A_n \sqsubset \mathbb{K} \Rightarrow \bigcup_n A_n \sqsubset \mathbb{K}$$

$$\varnothing \Subset \mathbb{K} \sqsupset \mathbb{K}$$

Folg-Krit / $\qquad A \sqsubset \mathbb{K} \Leftrightarrow \bigwedge_{\text{Folgen}} A \ni {}^{n}\wr \rightsquigarrow {}^{\infty}\wr \in \mathbb{K} \curvearrowright {}^{\infty}\wr \in A$