

$$\mathbb{R} \triangleleft \ni \mathbb{L} \supset \mathbb{K} \text{ rund}$$

$$\mathbb{K} \in \mathbb{H}^0_{\mathbb{0}} \text{ stnM cpt}$$

$$\mathbb{L} \sqsubset_{\text{o-ideal}} \mathbb{K} \triangleleft_{\mathbb{0}} \mathbb{R}$$

$$\mathbb{K} \vDash_{\mathbb{L}} = \mathbb{K} \vDash_{\mathbb{L}} = \frac{k \in \mathbb{K}}{k|\mathbb{L} = 0} \subseteq_{\text{face}} \mathbb{K}$$

$$\mathbb{K} \vDash_{\mathbb{L}} \overset{(\)}{\longrightarrow} \mathbb{R} \triangleleft_{\mathbb{0}} \overbrace{\mathbb{K} \triangleleft_{\mathbb{0}} \mathbb{R} \vDash \mathbb{L}}$$

$$\begin{array}{ccc} \mathbb{K} \vDash_{\mathbb{L}} & & \\ \downarrow (\) & \searrow & \\ \mathbb{R} \triangleleft_{\mathbb{0}} \overbrace{\mathbb{K} \triangleleft_{\mathbb{0}} \mathbb{R} \vDash \mathbb{L}} & \nearrow & \mathbb{K} \end{array}$$

$$\mathbb{K} \triangleleft_{\mathbb{0}} \mathbb{R} \ni \gamma \Rightarrow \mathbb{K} \vDash_{\gamma} = \frac{k \in \mathbb{K}}{k\gamma = \overline{\gamma}\gamma} \subseteq_{\text{face}} \mathbb{K}$$

$$\begin{cases} k \in \mathbb{K} \\ 0 < \vartheta < 1 \end{cases} \quad \vartheta k + \underbrace{1-\vartheta} k' \in \mathbb{K} \vDash_{\gamma} \Rightarrow \overline{\gamma}\gamma = \overline{\vartheta k + \underbrace{1-\vartheta} k'}\gamma$$

$$= \vartheta \underbrace{k\gamma}_{\leq \overline{\gamma}\gamma} + \underbrace{1-\vartheta}_{\leq \overline{\gamma}\gamma} \underbrace{k'\gamma}_{\leq \overline{\gamma}\gamma} \Rightarrow k\gamma = \overline{\gamma}\gamma \Rightarrow k \in \mathbb{K} \vDash_{\gamma} \Rightarrow k|k' \subset \mathbb{K} \vDash_{\gamma}$$