

$${}_i \mathcal{H} | \mathcal{V} = {}_i \mathcal{H} \mathcal{V} |$$

$$\mathbb{N} \triangleleft_{\emptyset} \mathbb{H} \times \mathbb{H} \triangleleft_{\emptyset} \mathbb{K} \rightarrow \mathbb{N} \triangleleft_{\emptyset} \mathbb{K}$$

$$\mathbb{H} \xrightarrow[\text{stet in } o]{\mathcal{V}} \mathbb{K} \Leftrightarrow \bigwedge \mathbb{H} \ni {}_n \mathcal{H} \rightsquigarrow o \curvearrowright \mathbb{K} \ni {}^n \mathcal{H} \rightsquigarrow o \mathcal{V}$$

$$\Rightarrow : \bigwedge_{\varepsilon > 0} \bigvee_{\delta > 0} \bigwedge_{h \in \mathbb{H}} h \bullet o \leq \delta \Rightarrow {}^h \mathcal{V} \bullet o \mathcal{V} \leq \varepsilon \Rightarrow \bigvee_m \bigwedge_{n \geq m} \bigwedge_{n \mathcal{H} \bullet o \leq \delta} {}^n \mathcal{H} \bullet o \leq \delta \Rightarrow {}^n \mathcal{H} \bullet o \mathcal{V} \leq \varepsilon$$

$$\Leftarrow : \mathcal{V} \text{ not } o\text{-stet} \Rightarrow \bigvee_{\varepsilon > 0} \bigwedge_{n \geq 1} \bigvee_{n \mathcal{H} \in \mathbb{H}} n \mathcal{H} \bullet o \leq \frac{1}{n}$$

$${}^n \mathcal{H} \bullet o \mathcal{V} > \varepsilon \Rightarrow \begin{cases} n \mathcal{H} \rightsquigarrow o \\ n \mathcal{H} \rightsquigarrow \neq o \mathcal{V} \end{cases}$$

$$\bar{\mathbb{N}} \triangleleft_{\emptyset} \mathbb{H} \times \mathbb{H} \triangleleft_{\emptyset} \mathbb{K} \rightarrow \bar{\mathbb{N}} \triangleleft_{\emptyset} \mathbb{K}$$

$$\mathbb{H} \xrightarrow[\text{glm stet}]{\mathcal{V}} \mathbb{K} \Rightarrow \bigwedge \mathbb{H} \ni {}_n \mathcal{H} \rightsquigarrow \curvearrowright \mathbb{K} \ni {}^n \mathcal{H} \rightsquigarrow$$

$$\bigwedge_{\varepsilon > 0} \bigvee_{\delta > 0} \bigwedge_{h \in \mathbb{H}} h \bullet h' \leq \delta \Rightarrow {}^h \mathcal{V} \bullet {}^{h'} \mathcal{V} \leq \varepsilon \Rightarrow \bigvee_m \bigwedge_{i,j \geq m} \bigwedge_{i \mathcal{H} \bullet j \mathcal{H} \leq \delta} {}^i \mathcal{H} \bullet {}^j \mathcal{H} \leq \delta \Rightarrow {}^i \mathcal{H} \bullet {}^j \mathcal{H} \leq \varepsilon$$

$$\bar{\mathbb{N}} \triangleleft_{\emptyset} \mathbb{H} \times \mathbb{H} \triangleleft_{\emptyset} \mathbb{K} \rightarrow \bar{\mathbb{N}} \triangleleft_{\emptyset} \mathbb{K}$$