$$
{}^{\bar{\mathfrak{h}}}\!\underset{0}{\triangle}\,\mathbb{K}\supset\mathcal{F}\ \mathrm{glst}\ \Leftrightarrow \bigwedge_{\varepsilon}^{>0}\bigvee_{\delta}^{>0}\bigwedge_{\dot{\mathfrak{h}}}^{\bar{\mathfrak{h}}}\bigwedge_{\eta}^{\mathcal{F}} \mathfrak{h}|\mathfrak{h}' \leqslant \delta \curvearrowright \overline{{}^{\mathfrak{h}}\eta - {}^{\mathfrak{h}'}\eta} \leqslant \varepsilon
$$

$$
\Leftrightarrow \bigwedge_{\varepsilon}^{>0}\bigwedge_{\dot{\mathfrak{h}}}^{\bar{\mathfrak{h}}} \mathfrak{h}|\mathfrak{h}' \leqslant \overset{\bar{\mathfrak{h}}}{\underset{\mathcal{F}}{}}(\varepsilon) \curvearrowright \bigwedge_{\eta}^{\mathcal{F}} \overline{{}^{\mathfrak{h}}\eta - {}^{\mathfrak{h}'}\eta} \leqslant \varepsilon
$$

$$
{}^{\bar{\mathfrak{h}}}\!\underset{0}{\triangle}\,\mathbb{K}\supset\mathcal{F}\ \mathrm{cpt\ glst}\ \Leftrightarrow \bigwedge_{K\subset\bar{\mathfrak{h}}}^{\mathrm{cpt}} {}^{K}\!\underset{0}{\triangle}\,\mathbb{K}\supset {}^{K}\widehat{\mathcal{F}}\ \mathrm{glst}
$$

$$
\Leftrightarrow \bigwedge_{K\subset\bar{\mathfrak{h}}}^{\mathrm{cpt}}\bigwedge_{\varepsilon}^{>0}\bigvee_{\delta}^{>0}\bigwedge_{\dot{\mathfrak{h}}}^{K}\bigwedge_{\eta}^{\mathcal{F}} \mathfrak{h}|\mathfrak{h}' \leqslant \delta \curvearrowright \overline{{}^{\mathfrak{h}}\eta - {}^{\mathfrak{h}'}\eta} \leqslant \varepsilon
$$

$$
\Leftrightarrow \bigwedge_{K\subset\bar{\mathfrak{h}}}^{\mathrm{cpt}}\bigwedge_{\varepsilon}^{>0}\bigwedge_{\dot{\mathfrak{h}}}^{K} \mathfrak{h}|\mathfrak{h}' \leqslant \overset{K}{\underset{\mathcal{F}}{}}(\varepsilon) \curvearrowright \bigwedge_{\eta}^{\mathcal{F}} \overline{{}^{\mathfrak{h}}\eta - {}^{\mathfrak{h}'}\eta} \leqslant \varepsilon
$$

$$\overset{0}{\underset{d}{\triangle}} \ni \mathfrak{h} \text{ loc cpt met abz : } \quad {}^{\mathfrak{h}}\underset{0}{\triangle}\mathbb{K} \supset \mathcal{F} \text{ ptw bes cpt glstet } \Longrightarrow \mathcal{F} \text{ co-folg-precpt}$$

$$\bigvee \frac{\not{j}}{j \in \mathbb{N}} \underset{\text{hull}}{\subset} \mathfrak{h}$$

$$\gamma_n \in \mathcal{F}$$

$$\bigwedge_j^{\mathbb{N}} \bigvee \mathbb{N} \xrightarrow[\text{isoton}]{a_j} \mathbb{N}: \quad {}^{\not{j}}\gamma_{a_0 \cdots a_j n} \rightsquigarrow {}^{\not{j}}\gamma$$

$$j = 0: \quad {}^{\not{0}}\gamma_n \underset{\text{bd}}{\in} \mathbb{K} \Rightarrow \bigvee_{a_0} {}^{\not{0}}\gamma_{a_0 n} \rightsquigarrow$$

$$0 \leqslant j\text{-}1 \curvearrowright j: \quad {}^{\not{j}}\gamma_{a_0 \cdots a_{j\text{-}1} n} \underset{\text{bes}}{\in} \mathbb{K} \Rightarrow \bigvee_{a_j} {}^{\not{j}}\gamma_{a_0 \cdots a_{j\text{-}1} a_j n} \rightsquigarrow$$

$$\text{diag-Folge } \gamma_{a_0 \cdots a_n n} \underset{\text{cpt}}{\rightsquigarrow} : \quad \mathfrak{h} \supset H \text{ cpt } \Rightarrow {}^{H}\gamma_{a_0 \cdots a_n n} \underset{H}{\overset{\text{Cau}}{\rightsquigarrow}}$$

$$\bigvee \mathfrak{h} \supset K \supset \underset{\wedge}{K} \supset H \Rightarrow H \lfloor \partial K > 0: \quad {}^{K}\widehat{\mathcal{F}} \text{ glst}$$

$$\bigwedge_{\varepsilon}^{>0} \mathfrak{h} \underset{\text{hull}}{=} \bigcup_j^{\mathbb{N}} \mathfrak{h}^{\not{j}}_{<{}^{K}_{\mathcal{F}}(\varepsilon) \curlywedge H \lfloor \partial K} \supset H \underset{\text{cpt}}{\Longrightarrow} \bigvee_k^{\mathbb{N}} H \subset \bigcup_j^{k} \mathfrak{h}^{\not{j}}_{<{}^{K}_{\mathcal{F}}(\varepsilon) \curlywedge H \lfloor \partial K}$$

$$\dot{n} \geqslant k \curlyvee \bigvee_j^{k} \frac{{}^{\not{j}}\gamma_{a_0 \cdots a_j}}{\varepsilon} \Rightarrow {}^{H}\overline{\gamma_{a_0 \cdots a_n n} - \gamma_{a_0 \cdots a_{\dot{n}} \dot{n}}} \leqslant 4\varepsilon$$

$$\bigwedge_{\mathfrak{h}}^{H} \bigvee_{\not{k}}^{k} \mathfrak{h} | \not{K} < {}^{K}_{\mathcal{F}}(\varepsilon) \curlywedge H \lfloor \partial K \leqslant H \lfloor \partial K \Rightarrow \not{K} \in K \Rightarrow \bigwedge_{\gamma}^{\mathcal{F}} \overline{{}^{\mathfrak{h}}\gamma - {}^{\not{K}}\gamma} \leqslant \varepsilon$$

$$\not{k}\text{+}1 \leqslant k \leqslant \dot{n} \Rightarrow a_{\not{k}+1} \cdots a_{\dot{n}}\, \dot{n} \geqslant \dot{n} \geqslant \frac{{}^{\not{K}}\gamma_{a_0 \cdots a_{\not{K}}}}{\varepsilon} \Rightarrow \overline{{}^{\not{K}}\gamma_{a_0 \cdots a_{\dot{n}} \dot{n}} - {}^{\not{K}}\gamma} = \overline{{}^{\not{K}}\gamma_{a_0 \cdots a_{\not{K}} | a_{\not{K}+1} \cdots a_{\dot{n}} \dot{n}} - {}^{\not{K}}\gamma} \leqslant \varepsilon$$

$$\Rightarrow \overline{{}^{\mathfrak{h}}\gamma_{a_0 \cdots a_n n} - {}^{\mathfrak{h}}\gamma_{a_0 \cdots a_{\dot{n}} \dot{n}}} \leqslant \overline{{}^{\mathfrak{h}}\gamma_{a_0 \cdots a_n n} - {}^{\not{K}}\gamma_{a_0 \cdots a_n n}} + \overline{{}^{\not{K}}\gamma_{a_0 \cdots a_n n} - {}^{\not{K}}\gamma}$$

$$+ \overline{{}^{\not{K}}\gamma - {}^{\not{K}}\gamma_{a_0 \cdots a_{\dot{n}} \dot{n}}} + \overline{{}^{\not{K}}\gamma_{a_0 \cdots a_{\dot{n}} \dot{n}} - {}^{\mathfrak{h}}\gamma_{a_0 \cdots a_{\dot{n}} \dot{n}}} \leqslant 4\varepsilon$$