

$$\left\{ \begin{array}{l} \mathbb{L} \supset \mathbb{K} \xrightarrow[\text{stet diff}]{\gamma} \mathbb{L} \\ \mathbb{K} \xrightarrow[\text{stet}]{\gamma} \mathcal{U}|\mathbb{L} \\ \circ\gamma \in \mathcal{C}|\mathbb{L} \end{array} \right.$$

$$\overline{\mathbb{h} - \circ} < R = \frac{\overline{\circ\gamma^{-1}}^{-1}}{\circ:\gamma} \Rightarrow \overline{\mathbb{h}\gamma - \circ\gamma} < \overline{\circ\gamma^{-1}}^{-1}$$

$$\begin{array}{ccc} & \gamma & \\ & \text{bidiff} & \\ \xRightarrow{\text{SUF}} \check{\mathbb{L}}_R^{\circ} & \xrightarrow{\quad} & V \subset \mathbb{L} \\ & \text{bidiff} & \\ & \gamma^{-1} & \end{array}$$

$$\check{\mathbb{L}}_R^{\circ} \ni \mathbb{h} \Rightarrow \mathbb{h}\gamma \in \mathcal{C}|\mathbb{L}$$

$$\check{\mathbb{L}}_R^{\circ} \xrightarrow[\text{inj}]{\gamma} \mathbb{L}$$

$$\text{Inj} : \mathbb{K} = \check{\mathbb{L}}_R^{\circ} : \mathbb{L} = \mathcal{U} : \mathbb{L} = \circ\gamma$$

$$\mathbb{L} \supset \check{\mathbb{L}}_R^o \gamma \xrightarrow[\text{stet}]{\gamma^{-1}} \check{\mathbb{L}}_R^o$$

$$a \in \check{\mathbb{L}}_R^o \Rightarrow \overline{a \gamma - o \gamma} < \overline{o \gamma^{-1}}^{n-1} \Rightarrow \bigvee_{0 < q < 1} \overline{a \gamma - o \gamma} < q \overline{o \gamma^{-1}}^{n-1}$$

$$\overline{h - a} \leq r = \frac{q \overline{o \gamma^{-1}}^{n-1} - \overline{a \gamma - o \gamma}}{a \cdot \gamma} \Rightarrow \overline{h \gamma - a \gamma} \leq \underbrace{q \overline{o \gamma^{-1}}^{n-1} - \overline{a \gamma - o \gamma}}_{> 0}$$

$$\check{\mathbb{L}}_R^o \gamma \supset \widehat{\mathbb{L}}_r^a \xrightarrow[r(1-q)/\overline{o \gamma^{-1}}]{\gamma^{-1}} \check{\mathbb{L}}_R^o$$

$$(1-q) \overline{\mathbb{L} \gamma^{-1} - a} \leq \overline{\mathbb{L} - a \gamma} \overline{o \gamma^{-1}} \Rightarrow \gamma^{-1} \text{ stet in } a$$

$$\overline{\mathbb{L} - a \gamma} \leq r \frac{1-q}{\overline{o \gamma^{-1}}}$$

$$\widehat{\mathbb{L}}_r^a \subset \mathbb{h} \xrightarrow[\text{stet diff}]{\gamma - \mathbb{L}} \mathbb{L}: \overline{h \gamma - \mathbb{L}} = \overline{h \gamma - \mathbb{L}}$$

$$\overline{h \gamma - \mathbb{L} - o \gamma} = \overline{h \gamma - o \gamma} = \overline{h \gamma - a \gamma} + \overline{a \gamma - o \gamma}$$

$$\overline{h \gamma - \mathbb{L} - o \gamma} \leq \overline{h \gamma - a \gamma} + \overline{a \gamma - o \gamma} \leq q \overline{o \gamma^{-1}}^{n-1}$$

$$\overline{a \gamma - \mathbb{L}} = \overline{a \gamma - \mathbb{L}} \leq r \frac{1-q}{\overline{o \gamma^{-1}}}$$

$$\Rightarrow \bigvee_{\text{Sur}} k \in \widehat{\mathbb{L}}_r^a \subset \check{\mathbb{L}}_R^o: 0 = \overline{k \gamma - \mathbb{L}} = \overline{k \gamma - \mathbb{L}} \Rightarrow k \gamma = \mathbb{L} \Rightarrow k = \overline{k \gamma^{-1}}$$

$$(1-q) \overline{\mathbb{L} \gamma^{-1} - a} = (1-q) \overline{k - a} \leq \overline{a \gamma - \mathbb{L}} \overline{o \gamma^{-1}} = \overline{a \gamma - \mathbb{L}} \overline{o \gamma^{-1}}$$

γ^{-1} diff in ${}^a\gamma$: ${}^a\gamma \underline{\gamma}^{-1} = {}^a\underline{\gamma}^{-1}$

$$\overline{h-a} \leq \delta = \frac{\varepsilon}{a:\gamma} \Rightarrow \overline{h\gamma - a\gamma - \underline{h-a} \underline{a}\gamma} \leq \varepsilon \overline{h-a}$$

$$\overline{L-{}^a\gamma} \leq \delta \frac{1-q}{\overline{{}^o\gamma^{-1}}} \wedge r \Rightarrow \overline{L\gamma^{-1} - a} \leq \overline{L-{}^a\gamma} \frac{\overline{{}^o\gamma^{-1}}}{1-q} \leq \delta$$

$$\Rightarrow \overline{L-{}^a\gamma - \underline{L\gamma^{-1} - a} \underline{a}\gamma} = \overline{L\gamma^{-1} \gamma - a\gamma - \underline{L\gamma^{-1} - a} \underline{a}\gamma} \leq \varepsilon \overline{L\gamma^{-1} - a}$$

$$L\gamma^{-1} - a - \underline{L-{}^a\gamma} \underline{a}\gamma^{-1} = \underline{L\gamma^{-1} - a} \underline{a}\gamma - \underline{L-{}^a\gamma} \underline{a}\gamma^{-1} = -\underline{L-{}^a\gamma} - \underline{L\gamma^{-1} - a} \underline{a}\gamma \underline{a}\gamma^{-1}$$

$$\begin{aligned} \Rightarrow \overline{L\gamma^{-1} - {}^a\gamma \gamma^{-1} - \underline{L-{}^a\gamma} \underline{a}\gamma^{-1}} &= \overline{L\gamma^{-1} - a - \underline{L-{}^a\gamma} \underline{a}\gamma^{-1}} = \overline{\underline{L-{}^a\gamma} - \underline{L\gamma^{-1} - a} \underline{a}\gamma \underline{a}\gamma^{-1}} \\ &\leq \overline{L-{}^a\gamma - \underline{L\gamma^{-1} - a} \underline{a}\gamma} \overline{{}^a\gamma^{-1}} \leq \varepsilon \overline{L\gamma^{-1} - a} \overline{{}^a\gamma^{-1}} \leq \frac{\varepsilon \overline{{}^o\gamma^{-1}} \overline{{}^a\gamma^{-1}}}{1-q} \overline{L-{}^a\gamma} \end{aligned}$$