$$\begin{cases} \mathbb{R} \supset \mathbb{I} \xrightarrow[\text{stet inj x-diff}]{\varphi} \mathbb{R} \\ {}^{x}\underline{\varphi} \neq 0 \end{cases} \Longrightarrow \begin{cases} \mathbb{J} = {}^{\mathbb{I}}\varphi \text{ interval} & {}^{x}\varphi \notin \partial\mathbb{J} \\ \mathbb{J} \xrightarrow[{}^{x}\varphi \text{ diff}]{\overset{-1}{\varphi}} \mathbb{R} & {}^{{}^{x}\varphi}\underline{\overset{-1}{\varphi}} = {}^{x}\underline{\varphi}^{-1} \end{cases}$$

$$\lightning \ {}^{x}\varphi \in \partial\mathbb{J} \Longrightarrow {}^{x}\varphi \text{ extr } \Longrightarrow {}^{x}\underline{\varphi} = 0 \ \lightning$$

$${}^{x}\varphi \neq y_n \rightsquigarrow {}^{x}\varphi \Longrightarrow x = {}^{{}^{x}\varphi}\overset{-1}{\varphi} \underset{\text{inj}}{\neq} {}^{y_n}\overset{-1}{\varphi} \underset{\text{stet}}{\rightsquigarrow} {}^{{}^{x}\varphi}\overset{-1}{\varphi} = x$$

$$\varphi \text{ x-diff } \Longrightarrow \frac{y_n - {}^{x}\varphi}{{}^{y_n}\overset{-1}{\varphi} - {}^{{}^{x}\varphi}\overset{-1}{\varphi}} = \frac{{}^{{}^{y_n}\overset{-1}{\varphi}}\varphi - {}^{x}\varphi}{{}^{y_n}\overset{-1}{\varphi} - x} \rightsquigarrow {}^{x}\underline{\varphi} \neq 0 \Longrightarrow \frac{{}^{y_n}\overset{-1}{\varphi} - {}^{{}^{x}\varphi}\overset{-1}{\varphi}}{y_n - {}^{x}\varphi} \underset{\text{QL}}{\rightsquigarrow} {}^{x}\underline{\varphi}^{-1}$$

$$\bigwedge_{\varepsilon > 0} \bigvee_{\eta > 0} 0 < \overline{x - o} \leqslant \eta \curvearrowright \overline{\frac{x - o}{{}^{x}\varphi - {}^{o}\varphi} - \frac{1}{{}^{o}\underline{\varphi}}} \leqslant \varepsilon$$

$$\overline{\frac{{}^{y}\chi - {}^{b}\chi}{y - b} - \frac{1}{{}^{o}\underline{\varphi}}} = \overline{\frac{{}^{y}\chi - {}^{b}\chi}{{}^{{}^{y}\chi}\varphi - {}^{{}^{b}\chi}\varphi} - \frac{1}{{}^{o}\underline{\varphi}}} \leqslant \varepsilon$$