$$\hbar \xrightarrow[o \text{ diff}]{\curlyvee} \acute{\hbar} \xrightarrow[{}^{o}\curlyvee \text{ diff}]{\curlywedge} \sharp\hbar \implies \begin{cases} \hbar \xrightarrow[o \text{ diff}]{\curlyvee\curlywedge} \sharp\hbar \\ {}^{o}\underline{\curlyvee\curlywedge} = {}^{o}\underline{\curlyvee}\,{}^{o\curlyvee}\underline{\curlywedge} \end{cases}$$

$$o \ne x_n \rightsquigarrow o \implies \begin{cases} {}^{x_n}\curlyvee \rightsquigarrow {}^{o}\curlyvee \\ \dfrac{{}^{x_n}\curlyvee - {}^{o}\curlyvee}{x_n - o} \rightsquigarrow {}^{o}\underline{\curlyvee} \end{cases}$$

$$\text{If } {}^{o}\curlyvee \ne {}^{x_n}\curlyvee \text{ infinite } \implies \begin{cases} {}^{x_n}\curlyvee \rightsquigarrow {}^{o}\curlyvee \\ \dfrac{{}^{x_n}\curlyvee - {}^{o}\curlyvee}{x_n - o} \rightsquigarrow {}^{o}\underline{\curlyvee} \\ \dfrac{{}^{x_n\curlyvee}\curlywedge - {}^{o\curlyvee}\curlywedge}{{}^{x_n}\curlyvee - {}^{o}\curlyvee} \rightsquigarrow {}^{o\curlyvee}\underline{\curlywedge} \end{cases}$$

$$\implies \frac{{}^{x_n}\overbrace{\curlyvee\curlywedge} - {}^{o}\overbrace{\curlyvee\curlywedge}}{x_n - o} = \frac{{}^{x_n\curlyvee}\curlywedge - {}^{o\curlyvee}\curlywedge}{x_n - o} = \frac{{}^{x_n}\curlyvee - {}^{o}\curlyvee}{x_n - o}\,\frac{{}^{x_n\curlyvee}\curlywedge - {}^{o\curlyvee}\curlywedge}{{}^{x_n}\curlyvee - {}^{o}\curlyvee} \rightsquigarrow {}^{o}\underline{\curlyvee}\,{}^{o\curlyvee}\underline{\curlywedge}$$

$$\text{If } {}^{x_n}\curlyvee = {}^{o}\curlyvee \text{ infinite } \implies 0 = \frac{{}^{x_n}\curlyvee - {}^{o}\curlyvee}{x_n - o} \rightsquigarrow {}^{o}\underline{\curlyvee} = 0$$

$$\implies \frac{{}^{x_n}\overbrace{\curlyvee\curlywedge} - {}^{o}\overbrace{\curlyvee\curlywedge}}{x_n - o} = \frac{{}^{x_n\curlyvee}\curlywedge - {}^{o\curlyvee}\curlywedge}{x_n - o} = 0 \rightsquigarrow 0 = {}^{o}\underline{\curlyvee}\,{}^{o\curlyvee}\underline{\curlywedge}$$

$$\curlyvee \text{ diff at o} \iff \bigvee\ {}^{o}\underline{\curlyvee} \in \acute{\mathsf{L}}\, \triangle\, \mathsf{L}$$

$$\bigwedge_{\varepsilon > 0} \bigvee_{\delta > 0} \|\mathsf{L}\| \leqslant \delta \curvearrowright o + \mathsf{L} \in \hbar \wedge \overline{\|{}^{o+\mathsf{L}}\curlyvee - {}^{o}\curlyvee - \mathsf{L}\,{}^{o}\underline{\curlyvee}\|} \leqslant \varepsilon\|\mathsf{L}\|$$

$$\frac{{}^{o+\mathsf{L}}\curlyvee - {}^{o}\curlyvee - \mathsf{L}\,{}^{o}\underline{\curlyvee}}{\|\mathsf{L}\|} \rightsquigarrow 0$$

$$ƒ \text{ diff at o} \implies ƒ \text{ stet at o}$$

$$\overline{{}^{o+L}ƒ - {}^{o}ƒ} \leqslant \underbrace{\overline{{}^{o}ƒ}}_{} + \varepsilon \,\overline{L}$$