$$\text{ʅ} \in {}^{\hbar}\!\triangleright_{\omega}\mathbb{C}$$

$$\hbar \supset K \text{ cpt } \Rightarrow {}^{2}\lceil\text{ʅ}\rceil \geqslant \lceil \overline{K \underset{\bullet}{-} \partial\hbar} \rceil^{K\bullet}\lceil\text{ʅ}\rceil$$

$$\lceil\overline{K \underset{\bullet}{-} \partial\hbar}\rceil > R \text{ bel } \Rightarrow \bigwedge_{o}^{K} R < \lceil\overline{K \underset{\bullet}{-} \partial\hbar}\rceil \leqslant \lceil\overline{o \underset{\bullet}{-} \partial\hbar}\rceil$$

$$o \in \hbar \Rightarrow {}^{o + ˪}\text{ʅ} = \sum_{0 \leqslant n} ˪^{n}\, {}_{o}\text{ʅ}_{n}$$

$$R < \lceil\overline{o \underset{\bullet}{-} \partial\hbar}\rceil \Rightarrow \mathbb{C}^{o}_{\leqslant R} \sqsubset \hbar$$

$$^{o + r\exp it}\text{ʅ} = \sum_{0 \leqslant n} r^{n}\, e^{itn}\, {}_{o}\text{ʅ}_{n} \Rightarrow \overline{{}^{o + r\exp it}\text{ʅ}}^{\,2} = \overbrace{{}^{o + r\exp it}\text{ʅ}}^{*}\, {}^{o + r\exp it}\text{ʅ}$$

$$= \sum_{0 \leqslant m} r^{m}\, e^{-itm}\, {}_{o}\overset{*}{\text{ʅ}}_{m} \sum_{0 \leqslant n} r^{n}\, e^{itn}\, {}_{o}\text{ʅ}_{n} = \sum_{mn} r^{m+n}\, e^{it(n-m)}\, {}_{o}\overset{*}{\text{ʅ}}_{m}\, {}_{o}\text{ʅ}_{n}$$

$$\Rightarrow \lceil\text{ʅ}\rceil^{2} = \int_{dz/\pi}^{\hbar} \overline{{}^{z}\text{ʅ}}^{\,2} \geqslant \int_{dz/\pi}^{\mathbb{C}^{o}_{\leqslant R}} \overline{{}^{z}\text{ʅ}}^{\,2} = \int_{2rdr}^{0|R} \int_{dt/2\pi}^{0|2\pi} \overline{{}^{o + r\exp it}\text{ʅ}}^{\,2}$$

$$= \int_{2rdr}^{0|R} \int_{dt/2\pi}^{0|2\pi} \sum_{m} \sum_{n} r^{m+n}\, e^{it(n-m)}\, {}_{o}\overset{*}{\text{ʅ}}_{m}\, {}_{o}\text{ʅ}_{n} = \sum_{m} \sum_{n} \int_{2rdr}^{0|R} r^{m+n} \underbrace{\int_{dt/2\pi}^{0|2\pi} e^{it(n-m)}}_{= {}_{m}\delta^{n}} {}_{o}\overset{*}{\text{ʅ}}_{m}\, {}_{o}\text{ʅ}_{n}$$

$$= \sum_{n} \int_{2rdr}^{0|R} r^{2n}\, \overline{{}_{o}\text{ʅ}_{n}}^{\,2} = \sum_{n} \int_{d\varrho}^{0|R^{2}} \varrho^{n}\, \overline{{}_{o}\text{ʅ}_{n}}^{\,2} = \sum_{n} \frac{\varrho^{n+1}}{n+1}\Big|_{\varrho = 0}^{\varrho = R^{2}} \overline{{}_{o}\text{ʅ}_{n}}^{\,2} = \sum_{0 \leqslant n} \frac{R^{2n+2}}{n+1} \overline{{}_{o}\text{ʅ}_{n}}^{\,2} \geqslant R^{2}\, \overline{{}_{o}\text{ʅ}_{0}}^{\,2} = R^{2}\, \overline{{}^{o}\text{ʅ}}^{\,2}$$

$$\Rightarrow \lceil\text{ʅ}\rceil \geqslant R\, \overline{{}^{o}\text{ʅ}} \underset{K \ni o \text{ bel}}{\Longrightarrow} \lceil\text{ʅ}\rceil \geqslant R^{K\bullet}\lceil\text{ʅ}\rceil \underset{\lceil\overline{K \underset{\bullet}{-} \partial\hbar}\rceil > R \text{ bel}}{\Longrightarrow} \lceil\text{ʅ}\rceil \geqslant \lceil\overline{K \underset{\bullet}{-} \partial\hbar}\rceil^{K\bullet}\lceil\text{ʅ}\rceil$$

$$\text{voll}\ {}^{\hbar}\triangle^{2}_{\omega}\mathbb{C} \sqsupset {}^{\hbar}\triangle^{2}_{m}\mathbb{C}$$

$${}^{\hbar}\triangle^{2}_{\omega}\mathbb{C} \sqsubset \mathfrak{f}^{n} \underset{``?"}{\rightsquigarrow} \mathfrak{g} \in {}^{\hbar}\triangle^{2}_{m}\mathbb{C} \Rightarrow \bigwedge_{\hbar \supset K \text{ cpt}} {}^{K}\overset{\bullet}{\overline{\mathfrak{f}^{m} - \mathfrak{f}^{n}}} \leqslant \frac{{}^{2}\overline{\mathfrak{f}^{m} - \mathfrak{f}^{n}}}{\overline{K \underset{\bullet}{-} \partial\hbar}}$$

$$\Rightarrow \text{Cau} \backsim \mathfrak{f}^{n} \in {}^{\hbar}\triangle_{0}\mathbb{C}\ \text{voll} \Rightarrow \bigvee {}^{\hbar}\triangle_{0}\mathbb{C} \ni \mathsf{1} \underset{\text{cpt}}{\approx} \mathfrak{f}^{n}$$

$$\hbar = \bigcup_{j} K_{j}\ \text{exhaustion} \Rightarrow {}^{2}\overset{K_j}{\overline{\mathfrak{f}^{n} - \mathfrak{g}}} \leqslant {}^{2}\overline{\mathfrak{f}^{n} - \mathfrak{g}} \rightsquigarrow 0$$

$${}^{2}\overset{K_j}{\overline{\mathfrak{f}^{n} - \mathsf{1}}} \leqslant |K_{j}|\, {}^{K}\overset{\bullet}{\overline{\mathfrak{f}^{n} - \mathsf{1}}} \rightsquigarrow 0 \Rightarrow {}^{2}\overset{K_j}{\overline{\mathsf{1} - \mathfrak{g}}} \leqslant {}^{2}\overset{K_j}{\overline{\mathsf{1} - \mathfrak{f}^{n}}} + {}^{2}\overset{K_j}{\overline{\mathfrak{f}^{n} - \mathfrak{g}}} \rightsquigarrow 0$$

$$\Rightarrow 0 = {}^{2}\overset{K_j}{\overline{\mathsf{1} - \mathfrak{g}}} \rightsquigarrow {}^{2}\overline{\mathsf{1} - \mathfrak{g}} = 0 \Rightarrow \mathsf{1} \underset{\text{ae}}{\equiv} \mathfrak{g}$$