$$\hbar \llcorner A \underset{\omega}{\triangle} \mathbb{C} \sqsubset \hbar \underset{\omega}{\triangle} \mathbb{C}$$

$$\hbar \llcorner A \underset{\omega}{\overset{\infty}{\triangle}} \mathbb{C} \xleftarrow[\text{on}]{\varrho} \hbar \underset{\omega}{\triangle} \mathbb{C}$$

$$\eta \in \hbar \llcorner A \underset{\omega}{\triangle} \mathbb{C}$$

$$\bigwedge_{a}^{A} \bigvee_{a \in U \subset \hbar} {}^{U \llcorner A}\overline{\eta} \text{ bes} \Rightarrow \bigvee_{\text{eind}} \eta \in \hbar \underset{\omega}{\triangle} \mathbb{C}^{\hbar \llcorner A}\overline{\eta} = \eta$$

$$A \neq \hbar \Rightarrow \hbar \llcorner A \underset{\text{hull}}{\subset} \hbar$$

$$\bigwedge_{a \in \hbar} \bigvee_{a \in U \subset \hbar} {}^{U \llcorner A}\overline{\eta} \text{ bes } U \underset{0}{\text{prim}} \bigvee_{\text{fin}} \varnothing \neq \iota \subset U \underset{\omega}{\triangle} \mathbb{C}$$

$$A \cap U = \begin{cases} \mathsf{h} \in U \\ \bigwedge_{\eta \in \iota} {}^{\mathsf{h}}\eta = 0 \end{cases}$$

$$\bigvee \eta \in \iota \Rightarrow \bigvee_{0 \neq \mathsf{L} \in \mathsf{I}} \bigvee_{R > 0} \begin{cases} {}^{a \leq R^{\ulcorner}\mathsf{L}^{\urcorner}}\mathsf{I} \subset U \\ {}^{0}\overset{\leq R}{\mathbb{C}} \ni \zeta \xrightarrow[\neq 0]{?} {}^{a + \zeta \mathsf{L}}\eta \end{cases}$$

$$\Rightarrow \begin{cases} \zeta \in {}^{0}\overset{\leq R}{\mathbb{C}} \\ {}^{a + \zeta \mathsf{L}}\eta \neq 0 \end{cases} \underset{\text{discr}}{\sqsubset} {}^{0}\overset{\leq R}{\mathbb{C}} \Rightarrow \bigvee_{0 < r < R} 0 < \curlywedge_{\ulcorner \zeta \urcorner = r} \overline{{}^{a + \zeta \mathsf{L}}\eta} = 2\varepsilon$$

$$\mathsf{I} = \mathbb{C}\mathsf{L} \oplus \mathsf{I}'$$

$$\dim \mathsf{I}' = \dim \mathsf{I} - 1 \Rightarrow \bigvee_{0 \in V' \subset \mathsf{I}'} {}^{a \leq r^{\ulcorner}\mathsf{L}^{\urcorner}}\mathsf{I} + \bar{V}' \subset U$$

$$a + {}^{0}\overset{\leq r}{\mathbb{C}}\mathsf{L} + \bar{V}' \xrightarrow[\text{u-stet}]{\eta} \mathbb{C} \Rightarrow \bigvee_{\delta > 0} \bigwedge_{\dot{w} \in a + {}^{0}\overset{\leq r}{\mathbb{C}}\mathsf{L} + \bar{V}'} \ulcorner w - w' \urcorner \leqslant \delta \curvearrowright \overline{{}^{w}\eta - {}^{w'}\eta} \leqslant \varepsilon$$

$$W' = \begin{cases} w' \in V' \\ \ulcorner w' \urcorner \leqslant \delta \end{cases} \Rightarrow \bigwedge_{w' \in W'} \bigwedge_{\ulcorner \zeta \urcorner = r} \overline{{}^{a + \zeta \mathsf{L} + w'}\eta - {}^{a + \zeta \mathsf{L}}\eta} \leqslant \varepsilon \Rightarrow \overline{{}^{a + \zeta \mathsf{L}}\eta} \underset{*}{\geqslant} \varepsilon$$

$$\Rightarrow {}^{0}\overset{\leq r}{\mathbb{C}} \ni \zeta \xrightarrow[\neq 0]{?} {}^{a + \zeta \mathsf{L} + w'}\eta \Rightarrow N^{0}_{w'} = \begin{cases} \zeta \in {}^{0}\overset{\leq r}{\mathbb{C}} \\ {}^{a + \zeta \mathsf{L} + w'}\eta = 0 \end{cases} \underset{\text{discr}}{\subset} {}^{0}\overset{\leq r}{\mathbb{C}} \Rightarrow N^{0}_{w'} \text{ fin}$$

$$\Rightarrow N^{0}_{w'} \supset N_{w'} = \begin{cases} \zeta \in {}^{0}\overset{\leq r}{\mathbb{C}} \\ a + \zeta \mathsf{L} + w' \in A \end{cases} \text{ fin}$$

$$U_a := a + {}^0\overset{<}{\mathbb{C}}{}^r \times W' \text{ rund}$$

$$\zeta \in {}^0\overset{<}{\mathbb{C}}{}^r \llcorner N_{w'} \Rightarrow a + \zeta \llcorner\!\llcorner + w' \in U \llcorner A \underset{*}{\supset} a + {}^0\overset{=}{\mathbb{C}}{}^r \llcorner\!\llcorner + w'$$

$${}^0\overset{=}{\mathbb{C}}{}^r \times \overbrace{{}^0\overset{<}{\mathbb{C}}{}^r \times W'} \ni \zeta : w_1 : w' \xrightarrow[\zeta \text{ stet}]{w_1 : w' \text{ hol}} \frac{{}^{a+\zeta\llcorner\!\llcorner+w'}\rceil}{\zeta - w_1} \in \mathbb{C}$$

$$\underset{\text{HS}_{\text{hol}}}{\Rightarrow} {}^{w_1:w'}\rceil\!\rceil_a = \int_{d\zeta/2\pi i}^{{}^0\overset{=}{\mathbb{C}}{}^r} \frac{{}^{a+\zeta\llcorner\!\llcorner+w'}\rceil}{\zeta - w_1} \Rightarrow \rceil\!\rceil_a \in {}^{U_a}\underset{\omega}{\triangle}\mathbb{C}$$

$$\rceil\!\rceil_a \underset{U_a \llcorner A}{=} \rceil$$

$$w_1 : w' \in U_a \llcorner A$$

$$a + w_1 \llcorner\!\llcorner + w' \notin A \Rightarrow {}^{w_1:w'}\rceil\!\rceil_a = {}^{a+w_1\llcorner\!\llcorner+w'}\rceil$$

$$\zeta \in {}^0\overset{<}{\mathbb{C}}{}^r \llcorner N_{w'} \Rightarrow a + \zeta \llcorner\!\llcorner + w' \in U \llcorner A \Rightarrow {}^0\overset{<}{\mathbb{C}}{}^r \llcorner N_{w'} \ni \zeta \not\downarrow {}^\zeta h = {}^{a+\zeta\llcorner\!\llcorner+w'}\rceil$$

$$\text{stet hol loc bes } {}^0\overset{<}{\mathbb{C}}{}^r \llcorner N_{w'} \text{ Gebiet } \underset{\text{RIE}}{\Rightarrow} \bigvee \hat{h} \in {}^{{}^0\overset{<}{\mathbb{C}}{}^r}\underset{\omega}{\overset{\omega}{\triangle}}\mathbb{C} \bigwedge_{\zeta \in {}^0\overset{<}{\mathbb{C}}{}^r \llcorner N_{w'}} {}^\zeta\hat{h} = {}^\zeta h$$

$$\Rightarrow {}^{w_1:w'}g = \int_{d\zeta/2\pi i}^{{}^0\overset{=}{\mathbb{C}}{}^r} \frac{{}^{a+\zeta\llcorner\!\llcorner+w'}\rceil}{\zeta - w_1} = \int_{d\zeta/2\pi i}^{{}^0\overset{=}{\mathbb{C}}{}^r} \frac{{}^\zeta\hat{h}}{\zeta - w_1} = {}^{w_1}\hat{h} = {}^{w_1}h \underset{w_1 \notin N_{w'}}{=} {}^{a+w_1\llcorner\!\llcorner+w'}\rceil$$

$$\Rightarrow \bigwedge_{a \in \hbar \ni b} \rceil\!\rceil_a = \rceil = \rceil\!\rceil_b \text{ on } U_a \cap U_b \llcorner A \underset{\text{hull}}{\subset} U_a \cap U_b \text{ rund} \Rightarrow \text{prim} \Rightarrow \rceil\!\rceil_a \underset{U_a \cap U_b}{=} \rceil\!\rceil_b$$

$$\Rightarrow \hbar = \bigcup_a^{\hbar} U_a \xrightarrow[\text{hol}]{\rceil\!\rceil := \bigcup_a^{\hbar} \rceil\!\rceil_a} \mathbb{C}$$

$${}^{U_a}\!\!\nwarrow\!\rceil\!\rceil = \rceil\!\rceil_a \Rightarrow {}^{\hbar\llcorner A}\!\!\nwarrow\!\rceil\!\rceil = \rceil$$