$$\begin{cases} \text{null-hlg } \text{ɩ} \in {}^{\mathbb{T}}\triangle_{1+}\, \text{ħ} \\ \text{ɿ} \in {}^{\text{ħ}}\triangle_{\omega}\mathbb{C} \end{cases} \Longrightarrow \bigwedge_{z \in \text{ħ}∟\text{ɩ}^{=}} {}^{z}\text{ɿ}\ {}^{z}_{\sharp}\text{ɩ} = \int_{dw/2\pi i}^{\text{ɩ}} \frac{{}^{w}\text{ɿ}}{w-z}$$

$$z{:}w \in \text{ħ}\times\text{ɩ}^{=} \xrightarrow{G} \mathbb{C} \ni {}^{z}G_{w} = \begin{cases} \dfrac{{}^{w}\text{ɿ} - {}^{z}\text{ɿ}}{w-z} & w \neq z \\ {}^{z}\underline{\text{ɿ}} & w = z \end{cases} \Longrightarrow \bigwedge_{z}^{\text{ħ}} G_{w} \in {}^{\text{ɩ}^{=}}\triangle_{0}\mathbb{C} \Longrightarrow {}^{z}G_{\text{ɩ}} = \int_{dw}^{\text{ɩ}} {}^{z}G_{w}$$

$$\text{ħ}\times\text{ɩ}^{=} \xrightarrow[\text{stet}]{G} \mathbb{C} \Longrightarrow G_{\text{ɩ}} \in {}^{\text{ħ}}\triangle_{0}\mathbb{C}$$

$$\text{ħ}\times\text{ɩ}^{=} \supset \frac{z{:}w \in \text{ħ}\times\text{ɩ}^{=}}{z \neq w} \xrightarrow[\text{stet}]{G} \mathbb{C}$$

$$a = b \in \text{ɩ}^{=} \Longrightarrow \bigvee_{a \in \text{ƛ} \subset \text{ħ}}^{\text{conv}} \bigwedge_{z:w}^{\text{ƛ}} {}^{w}\text{ɿ} - {}^{z}\text{ɿ} = \underbrace{w-z} \int_{dt}^{0|1} {}^{z+t\underbrace{w-z}}\underline{\text{ɿ}} \Longrightarrow {}^{z}G_{w} \underset{\text{z}\overline{\overline{=}}\text{w}}{\text{a}\underline{\text{uc}}\text{h}} \int_{dt}^{0|1} {}^{z+t\underbrace{w-z}}\underline{\text{ɿ}} \Longrightarrow \text{ƛ}\times\text{ƛ} \xrightarrow[\text{stet}]{G} \mathbb{C}$$

$$\bigwedge_{w}^{\text{ɩ}^{=}} G_{w} \in {}^{\text{ħ}}\triangle_{0}\mathbb{C} \cap {}^{\text{ħ}∟w}\triangle_{\omega}\mathbb{C} = {}^{\text{ħ}}\triangle_{\omega}\mathbb{C} \Longrightarrow {}^{z}\underline{G}_{w} = \begin{cases} \dfrac{{}^{w}\text{ɿ} - {}^{z}\text{ɿ} - (w-z)\,{}^{z}\underline{\text{ɿ}}}{(w-z)^{2}} & z \neq w \\ {}^{z}\underline{\underline{\text{ɿ}}}/2 & z = w \end{cases}$$

$$\hbar \times \iota^{=} \xrightarrow[\text{stet}]{\underline{G}} \mathbb{C} \Longrightarrow G_{\iota} \in {}^{\hbar}\!\triangleright_{\omega}\mathbb{C}$$

$$\hbar \times \iota^{=} \supset \frac{z{:}w \in \hbar \times \iota^{=}}{z \neq w} \xrightarrow[\text{stet}]{\underline{G}} \mathbb{C}$$

$$a = b \in \iota^{=} \Longrightarrow \bigvee_{a \in \bar{\lambda} \subset \hbar}^{\text{conv}} \bigwedge_{z:w}^{\bar{\lambda}} {}^{w}\eta - {}^{z}\eta - (w - z)\ {}^{z}\underline{\eta} = (w - z)^{2} \int_{dt}^{0|1} (1 - t)\ {}^{z + t\underbrace{w - z}}\underline{\underline{\eta}}$$

$$\Longrightarrow {}^{z}\underline{G}_{w} = \int_{dt}^{0|1} (1 - t)\ {}^{z + t\underbrace{w - z}}\underline{\underline{\eta}} \underset{\text{auch z=w}}{\Longrightarrow} \bar{\lambda} \times \bar{\lambda} \xrightarrow[\text{stet}]{\underline{G}} \mathbb{C}$$

$$\bigwedge_{z}^{\hbar \llcorner \iota^{=}} {}^{z}G_{\iota} \underset{*}{=} \int_{dw}^{\iota} \frac{{}^{w}\eta}{w - z} - 2\pi i\, {}^{z}\eta\ {}^{z}_{\sharp}\iota \Longrightarrow \bigwedge_{z}^{\hbar \llcorner \iota^{\leqslant}} {}^{z}G_{\iota} = \int_{dw}^{\iota} \frac{{}^{w}\eta}{w - z}$$

$$\bigwedge_{w}^{\iota^{=}} w \neq z \Longrightarrow \text{ LHS } = \int_{dw}^{\iota} \frac{{}^{w}\eta - {}^{z}\eta}{w - z} = \int_{dw}^{\iota} \frac{{}^{w}\eta}{w - z} - {}^{z}\eta \int_{dw}^{\iota} \frac{1}{w - z} = \text{ RHS}$$

$$\iota^{\leqslant} \sqsubset \hbar \Longrightarrow \mathbb{C} = \hbar \cup \underbrace{\mathbb{C} \llcorner \iota^{\leqslant}} \Longrightarrow \bigvee \mathbf{1} \in {}^{\mathbb{C}}\!\triangleright_{\omega}\mathbb{C}: \quad {}^{z}\mathbf{1} = \begin{cases} {}^{z}G_{\iota} & z \in \hbar \\ \int_{dw}^{\iota} \frac{{}^{w}\eta}{w - z} & z \in \mathbb{C} \llcorner \iota^{\leqslant} \end{cases}$$

$$\upharpoonleft = 0 \Longrightarrow G_{\iota} = {}^{\hbar}\overline{\upharpoonleft} = 0 \underset{*}{\Longrightarrow} \bigwedge_{z}^{\hbar\llcorner\iota^{=}} \int_{dw}^{\iota} \frac{{}^{w}\daleth}{w-z} = 2\pi i^{\,z}\daleth\,{}^{z}_{\sharp}\iota$$

$$\bigwedge_{R}^{>0} \iota^{\leqslant} + \tilde{\mathbb{C}}_{R} \text{ cpt } \Longrightarrow {}^{\iota^{\leqslant}+\tilde{\mathbb{C}}_{R}}\overline{\dot{\upharpoonleft}} < \infty$$

$$z \in \mathbb{C}\llcorner\overbrace{\iota^{\leqslant}+\tilde{\mathbb{C}}_{R}} \subset \mathbb{C}\llcorner\iota^{\leqslant} \Longrightarrow \bigwedge_{w \in \iota^{=}} \overline{w-z} \geqslant \overline{\iota^{=}_{\bullet} - z} \geqslant \overline{\iota^{\leqslant}_{\bullet} - z} > R$$

$$\Longrightarrow \overline{{}^{z}\upharpoonleft} = \overline{\int_{dw}^{\iota} \frac{{}^{w}\daleth}{w-z}} \leqslant |\iota| \; {}^{\iota^{=}}\overline{\frac{{}^{w}\dot{\daleth}}{w-z}} \leqslant \frac{|\iota|}{R}\,{}^{\iota^{=}}\overline{\dot{\daleth}} \Longrightarrow {}^{\mathbb{C}\llcorner\overbrace{\iota^{\leqslant}+\tilde{\mathbb{C}}_{R}}}\overline{\dot{\upharpoonleft}} \leqslant \frac{|\iota|}{R}\,{}^{\iota^{=}}\overline{\dot{\daleth}} < \infty$$

$$\Longrightarrow \upharpoonleft \in {}^{\mathbb{C}}\!\underset{\omega}{\overset{\infty}{\triangle}}\mathbb{C} \underset{\text{Liou}}{\Longrightarrow} \upharpoonleft \in \mathbb{C} \text{ const } \overline{\upharpoonleft} \leqslant \frac{|\iota|}{R}\,{}^{\iota^{=}}\overline{\dot{\daleth}} \underset{R \rightsquigarrow \infty}{\Longrightarrow} \upharpoonleft = 0$$

$$\iota \text{ null-hlg } \Longrightarrow \bigwedge_{z \in \hbar\llcorner\iota^{=}} \frac{1}{n!}\,{}_{z}\partial^{n}\,{}^{z}\daleth\,{}^{z}_{\sharp}\iota = \int_{dw/2\pi i}^{\iota} \frac{{}^{w}\daleth}{\underbrace{w-z}^{n+1}}$$

$$0 \leqslant n \curvearrowright n+1: \quad \underbrace{\mathbb{C}\llcorner\iota^{=}} \times \iota^{=} \xrightarrow[\text{stet}]{?} {}^{z}K_{w} = \frac{{}^{w}\daleth - {}^{z}\daleth}{\underbrace{w-z}^{n+1}}$$

$$\bigwedge_{w \in \iota^{=}} {}^{\cdot}K_{w} \in$$

$$\underbrace{\mathbb{C}\llcorner\iota^{=}} \times \iota^{=} \xrightarrow[\text{stet}]{?} {}_{z}\partial\,{}^{z}K_{w} = (n+1)\,\frac{{}^{w}\daleth - {}^{z}\daleth}{\underbrace{w-z}^{n+2}} \Longrightarrow {}_{z}\overset{n}{\partial}\,{}^{z}\daleth\,{}^{z}_{\sharp}\iota \text{ hol } \mathbb{C}\llcorner\iota^{=} \wedge$$

$$n! \int_{dw/2\pi i}^{\iota} \frac{(n+1)\,{}^{w}\daleth}{\underbrace{w-z}^{n+2}} = {}_{z}\partial\left({}_{z}\overset{n}{\partial}{}^{z}\daleth{}^{z}_{\sharp}\iota\right) = {}_{z}\overset{n+1}{\partial}\,{}^{z}\daleth\,{}^{z}_{\sharp}\iota + {}_{z}\overset{n}{\partial}\,{}^{z}\daleth\,{}_{z}\partial\,{}^{z}_{\sharp}\iota = {}_{z}\overset{n+1}{\partial}\,{}^{z}\daleth\,{}^{z}_{\sharp}\iota \text{ null on } \mathbb{C}\llcorner\hbar$$