$$\mathbb{T}^d \text{ inv } \mathbb{C}^d \supset \hbar \operatorname*{prim}_0$$

$$A:=\frac{i\in d}{\hbar\cap\mathbb{C}^{d\llcorner i}\neq\varnothing}$$

$$\gamma\in$$

$$\hbar\supset r\,\mathbb{T}^d$$

$$\gamma^\sharp_\nu=\int_{dv}^{r\,\mathbb{T}^d}\frac{{}^v\gamma}{v^{\nu+1}}\Rightarrow\begin{cases}0\nleqslant\nu_A & \Rightarrow \gamma^\sharp_\nu=0\\ 0\leqslant\nu_A & \Rightarrow \gamma^\sharp_\nu \text{ unabh von } \hbar\supset r\mathbb{T}^d\end{cases}$$

$${}^wF_\zeta:=\frac{{}^{\zeta w}\gamma}{\zeta^\nu}\begin{cases}\text{stet auf } \hbar\times\mathbb{T}^d\\ {}^-F_\zeta \text{ hol auf } \hbar\end{cases}\Rightarrow {}^w\gamma_\nu:=\int_{d\zeta}^{\mathbb{T}^d}\frac{{}^wF_\zeta}{\zeta^1}\in$$

$$\bigwedge_{B\subset N}\hbar\supset P=\mathbb{C}^B_R(0)\times\mathbb{C}^{N\llcorner B}_{R_-:R_+}(0)\Rightarrow {}^w\gamma\ \underset{P}{\Leftarrow}\sum_{0\leqslant\mu_B}w^\mu\,\gamma^\sharp_\mu$$

$$w\in P\Rightarrow \text{ cpt } \mathbb{T}^d w\subset P\Rightarrow {}^{\zeta w}\gamma\ \underset{\mathbb{T}^d}{\Leftarrow}\sum_{0\leqslant\mu_B}\zeta^\mu\,w^\mu\,\gamma^\sharp_\mu$$

$$\Rightarrow {}^w\gamma_\nu:=\int_{d\zeta}^{\mathbb{T}^d}\frac{{}^{\zeta w}\gamma}{\zeta^1\zeta^\nu}\Leftarrow\sum_{0\leqslant\mu_B}w^\mu\,\gamma^\sharp_\mu\int_{d\zeta}^{\mathbb{T}^d}\frac{\zeta^{\mu-\nu}}{\zeta^1}=\begin{cases}0 & 0\nleqslant\nu_B\\ w^\nu\gamma^\sharp_\nu & 0\leqslant\nu_B\end{cases}\Rightarrow \gamma_\nu|P=\begin{cases}0 & 0\nleqslant\nu_B\\ ()^\nu\gamma^\sharp_\nu & 0\leqslant\nu_B\end{cases}$$

$$\text{If } 0\nleqslant\nu_A\Rightarrow\bigvee_i^A\nu_i<0\Rightarrow\bigvee_o^\hbar o^i=0\Rightarrow\bigvee\hbar\supset P=\mathbb{C}^i_{R^i}(0)\times\mathbb{C}^{N\llcorner i}_{R^\sim_-:R^\sim_+}(0)$$

$$0\nleqslant\nu_i\Rightarrow\gamma_\nu|P=0\Rightarrow\gamma_\nu=0\Rightarrow\gamma^\sharp_\nu=r^{-\nu}\,{}^r\gamma_\nu=0$$

$$\text{If } 0\leqslant\nu_A\Rightarrow\hbar\subset r\,\mathbb{T}^d\Rightarrow\bigvee\hbar\subset P=\mathbb{C}^d_{R_-:R_+}(0)\subset r\,\mathbb{T}^d\Rightarrow(\gamma|P)^\sharp_\nu=\gamma^\sharp_\nu$$

$$0\leqslant\nu_\varnothing\Rightarrow\gamma_\nu|P=()^\nu\,\gamma^\sharp_\nu \text{ hol on } \hbar\Rightarrow\gamma_\nu\underset{\hbar}{=}()^\nu\,\gamma^\sharp_\nu\Rightarrow\gamma^\sharp_\nu \text{ unabh von } r$$

$$\daleth \in\Longrightarrow {}^{w}\daleth \underset{\hbar}{\Leftarrow} \sum_{{}_{A}\mathbb{N}\times {}_{N\llcorner A}\mathbb{Z}} w^{\nu}\, \Upsilon^{\sharp}_{\nu}$$

$$\hbar \supset K \text{ cpt } \Longrightarrow \hbar \supset \mathbb{T}^{d} K \text{ cpt } \Longrightarrow \bigvee_{R^{j} > 1} \Big(R^{j}-1\Big) \overset{K}{\underset{w}{\curlywedge}} |\, w^{j}\,| < r^{j} := \text{ j-dist } \underbrace{\mathbb{T}^{d}K} \wr \underbrace{\partial \hbar}$$

$$\overset{-1}{R} \leqslant q|\zeta| \leqslant qR \Longrightarrow 1 - R^{j} < \frac{1-R^{j}}{R^{j}} = \frac{1}{R^{j}} - 1 \leqslant q|\,\zeta^{j}\,| - 1 \leqslant q\,R^{j} - 1 \Longrightarrow \overline{|\zeta^{j}| - 1} \leqslant q\,R^{j} - 1$$

$$w \in K \Longrightarrow \frac{\zeta}{|\zeta|} w \in \mathbb{T}^{d} K$$

$$\overline{\zeta^{j} w^{j} \frac{\zeta^{j}}{|\zeta^{j}|} w^{j}} = \overline{\Big(|\zeta^{j}| - 1\Big) \frac{\zeta^{j}}{|\zeta^{j}|} w^{j}} = \overline{|\zeta^{j}| - 1}\;\overline{w^{j}} \leqslant \Big(R^{j} - 1\Big)\,\overline{w^{j}} < r^{j} \Longrightarrow \zeta w \in \hbar$$

$$ {}^{\zeta}_{w}\daleth = {}^{\zeta w}\daleth \text{ hol on } \begin{cases} \zeta \in \mathbb{C} \\ \zeta w \in \hbar \end{cases} \supset \begin{cases} \zeta \\ \overset{-1}{R} \leqslant |\zeta| \leqslant R \end{cases} =: \overset{-1}{R}|R$$

$$ {}_{w}\Upsilon^{\sharp}_{\nu} = \int_{d\vartheta}^{\mathbb{T}^{d}} \frac{{}^{\vartheta}_{w}\daleth}{\vartheta^{\nu+1}} = w^{\nu} \int_{d\vartheta}^{\mathbb{T}^{d}} \frac{{}^{\vartheta w}\daleth}{\vartheta^{1}(\vartheta w)^{\nu}} = w^{\nu}\, \Upsilon^{\sharp}_{\nu} \Longrightarrow \bigwedge_{0 \not\leqslant \nu_{A}} {}_{w}\Upsilon^{\sharp}_{\nu} = 0$$

$$ {}^{\zeta}_{w}\daleth \underset{\overset{-1}{R}|R}{\Leftarrow} \sum_{{}_{A}\mathbb{N}\times {}_{N\llcorner A}\mathbb{Z}} \zeta^{\nu}\, {}_{w}\Upsilon^{\sharp}_{\nu} = \sum_{{}_{A}\mathbb{N}\times {}_{N\llcorner A}\mathbb{Z}} (\zeta w)^{\nu}\, \Upsilon^{\sharp}_{\nu} \Longrightarrow {}^{w}\daleth = {}^{1}_{w}\daleth \Leftarrow \sum_{{}_{A}\mathbb{N}\times {}_{N\llcorner A}\mathbb{Z}} w^{\nu}\, \Upsilon^{\sharp}_{\nu}$$

$$\bigwedge_{w}^{K} w^{\nu}\, \Upsilon^{\sharp}_{\nu} = \int_{d\zeta^{1}}^{|\zeta^{1}|=1} \frac{1}{\zeta^{1}} \cdots \int_{d\zeta^{d}}^{|\zeta^{d}|=1} \frac{1}{\zeta^{d}} \frac{{}^{\vartheta w}\daleth}{\zeta^{\nu}} = \int_{d\zeta^{1}}^{|\zeta^{1}| = \overset{|_{1}\nu|_{1}}{R}} \frac{1}{\zeta^{1}} \cdots \int_{d\zeta^{d}}^{|\zeta^{d}| = \overset{|\nu_{n}|_{d}}{R}} \frac{1}{\zeta^{d}} \frac{{}^{\vartheta w}\daleth}{\zeta^{\nu}}$$

$$\Longrightarrow \overline{\sum_{\nu} w^{\nu} \Upsilon^{\sharp}_{\nu}} \leqslant \overset{K}{\underset{w}{\curlyvee}} \overset{\overset{-1}{R}|R}{\underset{|\zeta|}{\curlyvee}} \overline{{}^{\vartheta w}\daleth} \sum_{\nu} \frac{1}{R^{|\nu|}} < \infty \Longrightarrow {}^{w}\daleth \underset{K}{\Leftarrow} \sum_{{}_{A}\mathbb{N}\times {}_{N\llcorner A}\mathbb{Z}} w^{\nu}\, \Upsilon^{\sharp}_{\nu}$$

$$0 \in \text{Ћ}$$

$$\text{ɿ} \in \Longrightarrow {}^{w}\text{ɿ} \underset{\text{Ћ}}{\Leftarrow} \sum_{{}_{d}\mathbb{N}} w^{\nu}\, \text{ɿ}^{\sharp}_{\nu}$$

$$A = \left\{1 \cdots d\right\} \Longrightarrow 0 \leqslant \nu_{A} \Leftrightarrow \nu \in {}_{d}\mathbb{N} \Longrightarrow \bigwedge_{\nu \in {}_{d}\mathbb{Z} \llcorner {}_{d}\mathbb{N}} \text{ɿ}^{\sharp}_{\nu} = 0$$