$$\overset{+1}{\cap}\mathcal{U}_{\underset{c}{◣}}\mathbb{K}$$

$$\Big\downarrow \imath$$

$$\overset{+1}{\cap}\mathcal{U}_{\underset{c}{◣}}\mathbb{K}$$

$$\Big\downarrow \jmath$$

$$\overset{+1}{\cap}\mathcal{U}_{\underset{c}{◣}}\mathbb{K}$$

$$\overset{+1}{\cap}\mathcal{U}_{\underset{c}{◣}}\mathbb{K} = \overset{+1}{\cap}\mathcal{U}_{\underset{c}{◣}}\mathbb{K} \sqsubset \overset{+1}{\cap}\mathcal{U}_{\underset{c}{◣}}\mathbb{K}$$

$$\mathbb{K}\triangle_{\infty} \ni \hbar\,\underset{1}{\mathrm{prim}} \Rightarrow \overset{+1}{\cap}\mathcal{U}\blacktriangle_{c}\mathbb{K} = 0$$

$$\mathrm{lic\ cst}\ {}_{..}\daleth \in \overset{+1}{\cap}\mathcal{U}\blacktriangle_{c}\mathbb{K} \subset \overset{+1}{\cap}\mathcal{U}\blacktriangle_{\infty}\mathbb{K} = \overset{+1}{\cap}\mathcal{U}\blacktriangle_{\infty}\mathbb{K}$$

$$\overset{+1}{\cap}\mathcal{U}\blacktriangle_{\infty}\mathbb{K} = 0 \Rightarrow \bigvee {}_{.}\daleth \in \overset{+0}{\cap}\mathcal{U}\triangle_{\infty}\mathbb{K} \bigwedge_{U:V\,\in\,\mathcal{U}} {}_{U}\daleth - {}_{V}\daleth \overset{U\cap V}{=} {}_{UV}\daleth$$

$$\Rightarrow 0 = d_{UV}\daleth = d_{U}\daleth - d_{V}\daleth \Rightarrow \bigvee \daleth \in \overset{\hbar}{}\triangle_{\infty}\overset{\bar\hbar}{}\triangle\mathbb{K}: \quad d_{U}\daleth \overset{U}{=} \daleth$$

$$\Rightarrow d\daleth \overset{U}{=} dd_{U}\daleth \overset{U}{=} 0 \Rightarrow d\daleth = 0 \underset{\underset{1}{\mathrm{prim}}}{\overset{\mathrm{Poin}}{\Rightarrow}} \bigvee \daleth \in \overset{\hbar}{}\triangle_{\infty}\mathbb{K}: \quad \daleth = d\daleth$$

$${}_{U}\daleth := {}_{U}\daleth - \daleth \in \overset{U}{}\triangle_{\infty}\mathbb{K} \Rightarrow d_{U}\daleth = d_{U}\daleth - d\daleth \overset{U}{=} 0 \Rightarrow {}_{U}\daleth \in \overset{U}{}\triangle_{c}\mathbb{K}$$

$${}_{V}\daleth - {}_{U}\daleth \overset{U\cap V}{=} \underbrace{{}_{V}\daleth - \daleth} - \underbrace{{}_{U}\daleth - \daleth} \overset{U\cap V}{=} {}_{V}\daleth - {}_{U}\daleth \overset{U\cap V}{=} {}_{UV}\daleth \Rightarrow {}_{..}\daleth = \delta\,{}_{.}\daleth \in \overset{+1}{\cap}\mathcal{U}\blacktriangle_{c}\mathbb{K}$$

$$\mathbb{K}\triangleright_{\infty} \ni \hbar\,\mathrm{prim}_1 \Rightarrow \overset{+1}{\cap}\mathcal{U}\blacktriangleright_c 2\pi i\mathbb{Z} = 0$$

$$..\,\text{ɿ} \in \overset{+1}{\cap}\mathcal{U}\triangleright_c 2\pi i\mathbb{Z} \subset \overset{+1}{\cap}\mathcal{U}\triangleright_c \mathbb{K} = \overset{+1}{\cap}\mathcal{U}\triangleright_c \mathbb{K}$$

$$\overset{+1}{\cap}\mathcal{U}\blacktriangleright_c \mathbb{K} = 0 \Rightarrow \bigvee .\,\text{ר} \in \overset{+0}{\cap}\mathcal{U}\triangleright_c \mathbb{K} \bigwedge_{U:V \in \mathcal{U}} {}_U\text{ר} - {}_V\text{ר} \overset{U \cap V}{=} {}_{UV}\text{ɿ}$$

$$\Rightarrow \exp {}_V\text{ר} / \exp {}_U\text{ר} \overset{U \cap V}{=} \exp {}_{UV}\text{ɿ} \overset{U \cap V}{=} 1 \Leftarrow {}_{UV}\text{ɿ} \in 2\pi i\mathbb{Z}$$

$$\bigvee_{b = \exp c \in \mathbb{C}^\times} \exp {}_U\text{ר} \overset{U}{=} b1$$

$${}_U\text{ɿ} = {}_U\text{ר} - c1 \in {}^U\triangleright_c \mathbb{K} \Rightarrow \exp {}_U\text{ɿ} \overset{U}{=} \exp {}_U\text{ר} / \exp c1 \overset{U}{=} \exp {}_U\text{ר} / b1 \overset{U}{=} 1 \Rightarrow {}_U\text{ɿ} \in {}^U\triangleright_c 2\pi i\mathbb{Z}$$

$${}_V\text{ɿ} - {}_U\text{ɿ} \overset{8}{=} (U \cap V)\, \underbrace{{}_V\text{ר} - c1} - \underbrace{{}_U\text{ר} - c1} \overset{U \cap V}{=} {}_V\text{ר} - {}_U\text{ר} \overset{8}{=} (U \cap V)\, {}_{UV}\text{ɿ} \Rightarrow ..\,\text{ɿ} = \delta\,.\,\text{ɿ} \in \overset{+1}{\cap}\mathcal{U}\blacktriangleright_c 2\pi i\mathbb{Z}$$