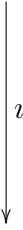


$${}^{+1}\mathfrak{h}\mathcal{U}_{\mathfrak{c}}\mathbb{K}$$



$${}^{+1}\mathfrak{h}\mathcal{U}_{\mathfrak{c}}\mathbb{K}$$



$${}^{+1}\mathfrak{h}\mathcal{U}_{\mathfrak{c}}\mathbb{K}$$

$${}^{+1}\mathfrak{h}\mathcal{U}_{\mathfrak{c}}\mathbb{K} = {}^{+1}\mathfrak{h}\mathcal{U}_{\mathfrak{c}}\mathbb{K} \cong {}^{+1}\mathfrak{h}\mathcal{U}_{\mathfrak{c}}\mathbb{K}$$

$$\mathbb{K}_{\infty}^{\Delta} \ni \mathfrak{h}_{\text{prim}} \Rightarrow \mathfrak{h}_{\infty}^{+1} \mathbb{K} = 0$$

$$\text{lic cst } \mathbb{1} \in \mathfrak{h}_{\infty}^{+1} \mathbb{K} \subset \mathfrak{h}_{\infty}^{+1} \mathbb{K} = \mathfrak{h}_{\infty}^{+1} \mathbb{K}$$

$$\mathfrak{h}_{\infty}^{+1} \mathbb{K} = 0 \Rightarrow \bigvee \gamma \in \mathfrak{h}_{\infty}^{+0} \mathbb{K} \bigwedge_{U:V \in \mathcal{U}} \gamma - \gamma^{U \underline{\Delta} V} \mathbb{1}$$

$$\Rightarrow 0 = d_{UV} \mathbb{1} = d_U \gamma - d_V \gamma \Rightarrow \bigvee \mathfrak{a} \in \mathfrak{h}_{\infty}^{\mathfrak{h}} \mathbb{K} : d_U \gamma \underline{\Delta} \mathfrak{a}$$

$$\Rightarrow d \mathfrak{a} \underline{\Delta} d d_U \gamma \underline{\Delta} 0 \Rightarrow d \mathfrak{a} = 0 \xrightarrow[\text{prim}_1]{\text{Poin}} \bigvee \gamma \in \mathfrak{h}_{\infty}^{\mathfrak{h}} \mathbb{K} : \mathfrak{a} = d \gamma$$

$${}_U \mathbb{1} := \gamma - \gamma \in {}^U \mathbb{K} \Rightarrow d_U \mathbb{1} = d_U \gamma - d \gamma \underline{\Delta} 0 \Rightarrow {}_U \mathbb{1} \in {}^U \mathbb{K}$$

$${}_V \mathbb{1} - {}_U \mathbb{1} \stackrel{U \underline{\Delta} V}{=} \underbrace{\gamma - \gamma}_V - \underbrace{\gamma - \gamma}_U \stackrel{U \underline{\Delta} V}{=} \gamma - \gamma \stackrel{U \underline{\Delta} V}{=} \gamma - \gamma \stackrel{U \underline{\Delta} V}{=} \mathbb{1} \Rightarrow \mathbb{1} = \delta \cdot \mathbb{1} \in \mathfrak{h}_{\infty}^{+1} \mathbb{K}$$

$$\mathbb{K}_{\infty}^{\Delta_c} \ni \mathfrak{h}_{\text{prim}} \Rightarrow \mathfrak{h}_{\Delta_c}^{+1} 2\pi i \mathbb{Z} = 0$$

$$\mathfrak{h}_{\Delta_c}^{+1} 2\pi i \mathbb{Z} \subset \mathfrak{h}_{\Delta_c}^{+1} \mathbb{K} = \mathfrak{h}_{\Delta_c}^{+1} \mathbb{K}$$

$$\mathfrak{h}_{\Delta_c}^{+1} \mathbb{K} = 0 \Rightarrow \bigvee \mathfrak{h}_{\Delta_c}^{+0} \mathbb{K} \bigwedge_{U:V \in \mathfrak{u}} \mathfrak{h}_{U-V}^{U \cap V} \mathfrak{h}_{UV}$$

$$\Rightarrow \exp_{V^{\mathfrak{h}}} / \exp_{U^{\mathfrak{h}}} \exp_{UV}^{U \cap V} \mathfrak{h} \leftarrow \mathfrak{h}_{UV} \in 2\pi i \mathbb{Z}$$

$$\bigvee_{b = \exp c \in \mathbb{C}^{\times}} \exp_{U^{\mathfrak{h}}} \mathfrak{h} \underline{=} b \mathfrak{h}$$

$$\mathfrak{h}_{U^{\mathfrak{h}}} = \mathfrak{h}_{U^{\mathfrak{h}}} - c \mathfrak{h} \in \mathfrak{h}_{\Delta_c}^U \mathbb{K} \Rightarrow \exp_{U^{\mathfrak{h}}} \underline{=} \exp_{U^{\mathfrak{h}}} / \exp c \underline{=} \exp_{U^{\mathfrak{h}}} / b \underline{=} 1 \Rightarrow \mathfrak{h}_{U^{\mathfrak{h}}} \in \mathfrak{h}_{\Delta_c}^U 2\pi i \mathbb{Z}$$

$$\mathfrak{h}_{V^{\mathfrak{h}}} - \mathfrak{h}_{U^{\mathfrak{h}}} \underline{=} (U \cap V) \underline{=} \mathfrak{h}_{V^{\mathfrak{h}}} - \mathfrak{h}_{U^{\mathfrak{h}}} \underline{=} (U \cap V) \underline{=} \mathfrak{h}_{UV} \Rightarrow \mathfrak{h}_{\Delta_c} = \delta \mathfrak{h}_{\Delta_c} \in \mathfrak{h}_{\Delta_c}^{+1} 2\pi i \mathbb{Z}$$