

$$\begin{array}{ccc} \mathbb{H} & \longrightarrow & \mathbb{K}^n \\ \downarrow & & \end{array}$$

$$L = \underbrace{L}_{\mathbb{H}} \cup \mathbb{K}^n$$

$$\begin{array}{ccccc} \mathbb{H} & & & & \mathbb{K}^n \\ \uparrow & & & & \uparrow \\ \mathbb{H} & \xrightarrow{\quad h \quad} & L & \xrightarrow{\quad h \quad} & \mathbb{K}^n \\ \downarrow & & & & \downarrow \\ \mathbb{H} & & & & \mathbb{K}^n \end{array}$$

~~$L = \underbrace{L}_{\mathbb{H}} \cup \mathbb{K}^n$~~

$$L = \underbrace{L}_{\mathbb{H}} \cup \mathbb{K}^n = \left\{ \begin{array}{l} \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup h_{\mathbb{K}^n} \\ \mathbb{H} \cup \underbrace{\mathbb{K}^n}_{\mathbb{K}^n} \end{array} \right.$$

$$L = \left\{ \begin{array}{l} \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup h_{\mathbb{K}^n} \\ \mathbb{H} \cup \underbrace{\mathbb{K}^n}_{\mathbb{K}^n} \end{array} \right.$$

$$L = \left\{ \begin{array}{l} \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup h_{\mathbb{K}^n} = \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup \underbrace{h_{\mathbb{K}^n}}_{\mathbb{K}^n} \\ \mathbb{H} \cup \underbrace{\mathbb{K}^n}_{\mathbb{K}^n} = \underbrace{\mathbb{H}}_{\mathbb{H}} \cup \mathbb{K}^n \end{array} \right.$$

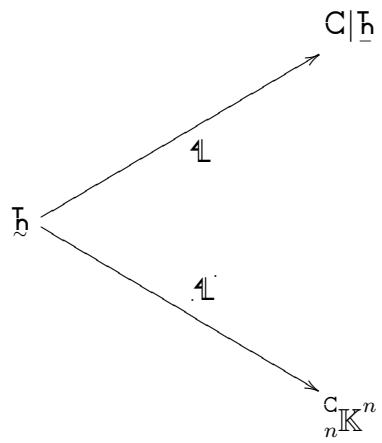
$$L = \left\{ \begin{array}{l} \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup h_{\mathbb{K}^n} = \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup \underbrace{h_{\mathbb{K}^n}}_{\mathbb{K}^n} \\ \mathbb{H} \cup \underbrace{\mathbb{K}^n}_{\mathbb{K}^n} = \underbrace{\mathbb{H}}_{\mathbb{H}} \cup \mathbb{K}^n \end{array} \right.$$

$$\left\{ \begin{array}{l} \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} = \underbrace{L}_{\mathbb{H}} \cup h_{\mathbb{K}^n} = \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup \mathbb{K}^n \\ \mathbb{H} = \underbrace{L}_{\mathbb{H}} \cup \underbrace{\mathbb{K}^n}_{\mathbb{K}^n} = \underbrace{\mathbb{H}}_{\mathbb{H}} \cup \mathbb{K}^n \end{array} \right.$$

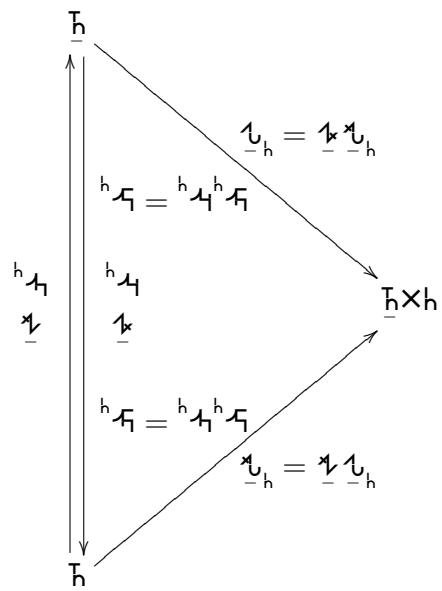
$$\left\{ \begin{array}{l} \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} = \underbrace{L}_{\mathbb{H}} \cup h_{\mathbb{K}^n} = \underbrace{h_{\mathbb{H}}}_{\mathbb{H}} \cup \mathbb{K}^n \\ \mathbb{H} = \underbrace{L}_{\mathbb{H}} \cup \underbrace{\mathbb{K}^n}_{\mathbb{K}^n} = \underbrace{\mathbb{H}}_{\mathbb{H}} \cup \mathbb{K}^n \end{array} \right.$$

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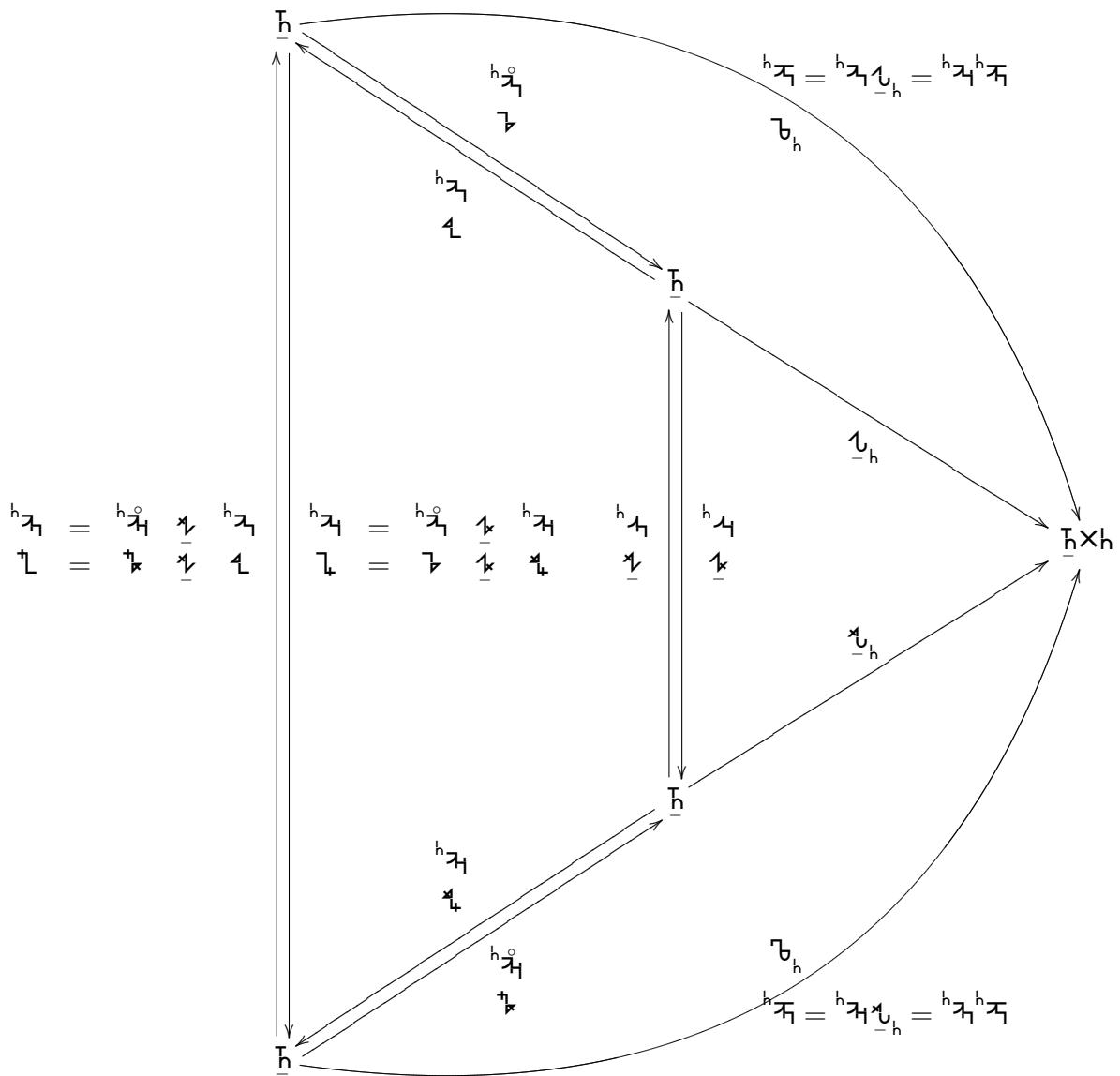
$${}^h\mathfrak{A} = {}^h\mathfrak{A}_1 \dots \eta \ {}^h\mathfrak{A}_1^*$$



$$\underline{k} = \underbrace{\underline{k} \mathfrak{U}_{-h}}_h \mathfrak{U}_{-h}$$

$${}^h\underline{k} {}^h\underline{k} = {}^h\underline{k}$$

$${}^z\underline{k} {}^{z\underline{k}} = {}^z\underline{k}$$



$$\mathfrak{L} = \left\{ \begin{matrix} {}^h\mathfrak{L}_1 {}^h\mathfrak{L}_2 \\ {}^h\mathfrak{L}_2 {}^h\mathfrak{L}_1 \end{matrix} \right.$$

$$\left. \begin{matrix} {}^h\mathfrak{L}_1^\circ = {}^h\mathfrak{L}_1 \mathfrak{U}_h \\ {}^h\mathfrak{L}_2^\circ = {}^h\mathfrak{L}_2 \mathfrak{U}_h \end{matrix} \right\}$$

$$\mathfrak{L} \mathfrak{U}_h = \left\{ \begin{matrix} {}^h\mathfrak{L}_1 {}^h\mathfrak{L}_1^\circ \\ {}^h\mathfrak{L}_2 {}^h\mathfrak{L}_2^\circ \end{matrix} \right.$$

$$\begin{cases} \underline{\mathbf{L}}^{\underline{\mathbf{h}}\underline{\mathbf{z}}} = \underline{\mathbf{L}}^{\underline{\mathbf{h}}}\underline{\mathbf{z}}^{\underline{\mathbf{h}}\underline{\mathbf{y}}} \\ \underline{\mathbf{L}}^{\underline{\mathbf{z}}} = \underline{\mathbf{L}}^{\underline{\mathbf{z}}_{\underline{\mathbf{h}}}}^{\underline{\mathbf{h}}\underline{\mathbf{y}}} \end{cases}$$

$$\begin{cases} \underline{\mathbf{L}}^{\underline{\mathbf{h}}\underline{\mathbf{z}}} = \underline{\mathbf{L}}^{\underline{\mathbf{z}}_{\underline{\mathbf{h}}}}^{\underline{\mathbf{h}}\underline{\mathbf{z}}} \\ \underline{\mathbf{L}}^{\underline{\mathbf{z}}} = \underline{\mathbf{L}}^{\underline{\mathbf{z}}_{\underline{\mathbf{h}}}}^{\underline{\mathbf{h}}\underline{\mathbf{y}}} \end{cases}$$

$$\begin{cases} {}^{\underline{\mathbf{h}}}\underline{\mathbf{z}} = {}^{\underline{\mathbf{z}}}\underline{\mathbf{h}}^{\underline{\mathbf{h}}\underline{\mathbf{z}}} \\ \underline{\mathbf{L}} = \underline{\mathbf{L}}^{\underline{\mathbf{z}}_{\underline{\mathbf{h}}}} \end{cases}$$

