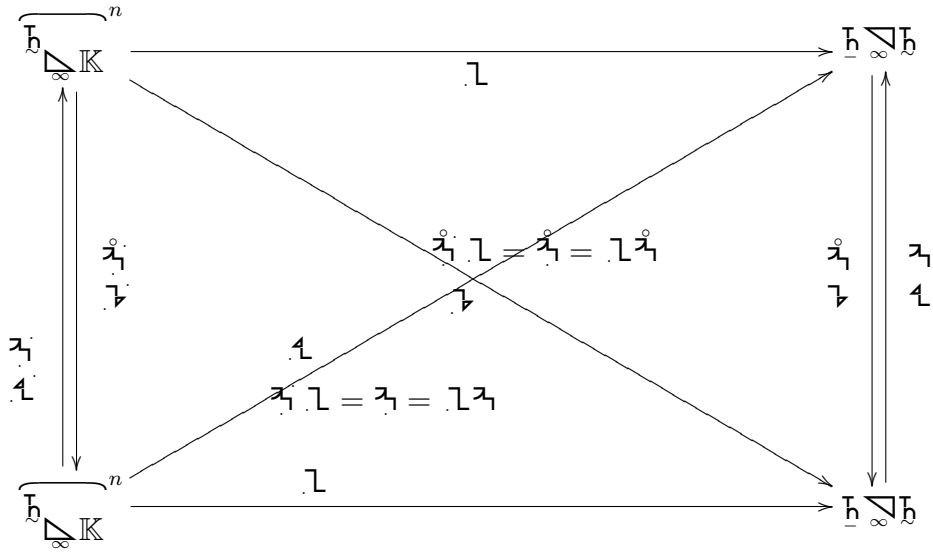


$$\overbrace{\mathbb{K}}^n \xrightarrow{\quad \mathbb{L} \quad} \mathbb{K}$$

$\mathbb{K} \ni \mathbb{L}$ Standardbasis $\mathbb{L} \star_j \mathbb{L} = \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \eta^j$

$$\mathbb{L} = \underbrace{\mathbb{L} \mathbb{L}} : \mu \delta^\nu = \mu \mathbb{L} \mathbb{L}^\nu : \mathbb{L} = \underbrace{\mathbb{L} \mathbb{L}} : \delta^j = \mathbb{L} \mathbb{L}^j = \mathbb{L} \mathbb{L}^j$$



$$\mathbb{L} \star_j \mathbb{L} = \begin{cases} \mathbb{L} \mathbb{L}_j^* \mathbb{L} = \mathbb{L} \eta_j^* \mathbb{L} \\ \mathbb{L} \mathbb{L}_j \mathbb{L} = \mathbb{L} \eta_j \mathbb{L} \end{cases}$$

$$\mathbb{K} \ni \begin{cases} \mathbb{L} = \mathbb{L} \mathbb{L} \\ \mathbb{L} = \mathbb{L} \mathbb{L} \end{cases} \text{ ONBasis } \begin{cases} \mathbb{L} = \mathbb{L} \mathbb{L} \\ \mathbb{L} = \mathbb{L} \mathbb{L} \end{cases}$$

$$\begin{cases} \mathbb{L} \star_j \mathbb{L} = \mathbb{L} \mathbb{L}_j^* \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j^* \mathbb{L} \\ \mathbb{L} \star_j \mathbb{L} = \mathbb{L} \mathbb{L}_j \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j \mathbb{L} = \mathbb{L} \mathbb{L} \eta_j \mathbb{L} \end{cases} = \mathbb{L} \eta_j^* \mathbb{L} = \mathbb{L} \eta_j$$

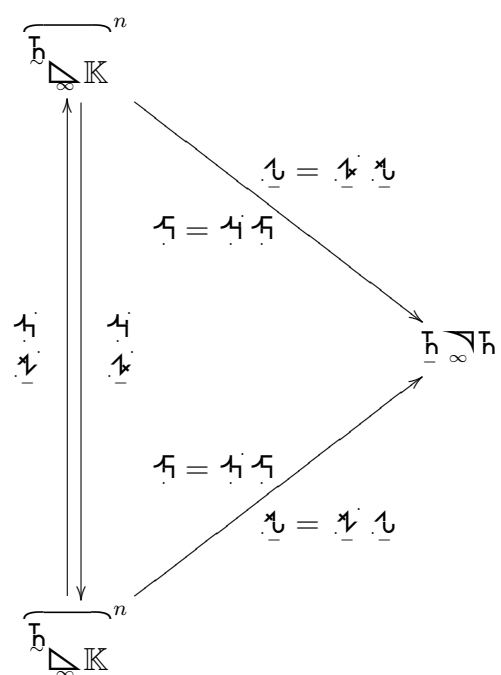
$$\mathbb{L} = \begin{cases} \mathbb{L} \mathbb{L} \\ \mathbb{L} \mathbb{L} \end{cases} : \delta^j = \begin{cases} \mathbb{L} \mathbb{L} \\ \mathbb{L} \mathbb{L} \end{cases}$$

$$\mathbb{L} = \begin{cases} \mathbb{L} \mathbb{L} \\ \mathbb{L} \mathbb{L} \end{cases} : \mu \delta^\nu = \begin{cases} \mathbb{L} \mathbb{L} \\ \mathbb{L} \mathbb{L} \end{cases}$$

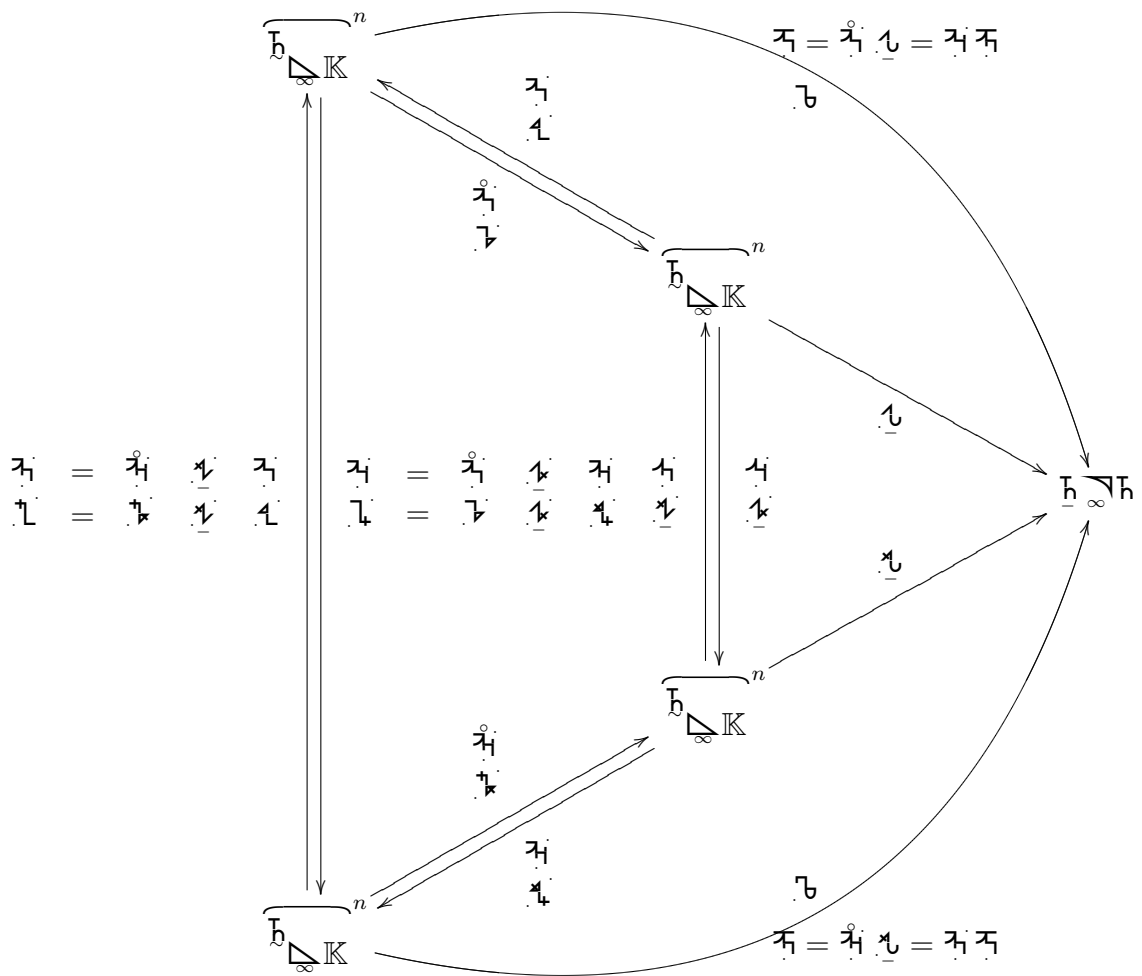
$$\mathbb{L} \mathbb{L} = \begin{cases} \mathbb{L} \mathbb{L} \mathbb{L} = \mathbb{L} \mathbb{L} \mathbb{L} \\ \mathbb{L} \mathbb{L} \mathbb{L} = \mathbb{L} \mathbb{L} \mathbb{L} \end{cases} \mathbb{L} = \begin{cases} \mathbb{L} \mathbb{L} \mathbb{L} = \mathbb{L} \mathbb{L} \mathbb{L} \\ \mathbb{L} \mathbb{L} \mathbb{L} = \mathbb{L} \mathbb{L} \mathbb{L} \end{cases}$$

$$\begin{aligned}
\mathcal{L} &= \left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. \quad \mu \mathcal{L} = \left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. \\
\left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. & \left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. \\
\left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. & \left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. \\
\left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. & \left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. \\
\left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right. & \left\{ \begin{array}{l} \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \\ \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} = \mathcal{L}^{\mathcal{L}} \end{array} \right.
\end{aligned}$$

$$\begin{array}{ccc}
\overbrace{\mathcal{L}^{\mathcal{L}} \mathbb{K}}^n & \xrightarrow{\mathcal{L}} & \mathcal{L}^{\mathcal{L}} \\
& & \mathcal{L} = \mathcal{L} \mathcal{L}
\end{array}$$



$\mathcal{L}^{\mathcal{L}} \ni \mathcal{L}^{\mathcal{L}}$ holonomic basis $\mathcal{L} = \mathcal{L} \mathcal{L}^{\mathcal{L}}$: $\mu \delta^{\nu} = \mathcal{L}^{\mathcal{L}} \mathcal{L}^{\nu}$



$$\begin{aligned} \tau_i &= \tau_i \cdot \tau_i \\ \tau_i &= \tau_i \cdot \tau_i \end{aligned}$$

$$H_n^H \ni \begin{cases} \tau_i \\ \tau_i \end{cases} \text{ ONbasis } \tau_i \cdot \tau_j = \delta_{ij}$$

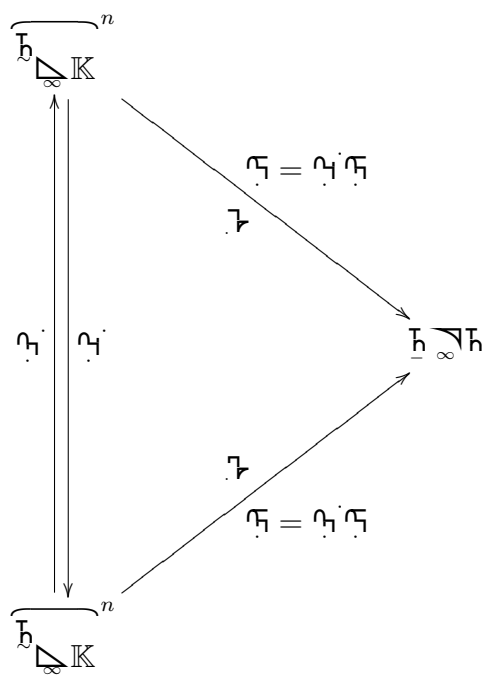
$$\tau_i = \begin{cases} \tau_i \tau_i \\ \tau_i \tau_i \end{cases} : \delta_{ij} = \begin{cases} \tau_i \tau_i^j \\ \tau_i \tau_i^j \end{cases}$$

$$\begin{cases} \tau_i \tau_i = \tau_i \tau_i \tau_i \\ \tau_i \tau_i = \tau_i \tau_i \tau_i \end{cases} \begin{cases} \tau_i = \tau_i \tau_i \tau_i \\ \tau_i = \tau_i \tau_i \tau_i \end{cases}$$

$$\tau_i \tau_i = \begin{cases} \tau_i \tau_i \tau_i \\ \tau_i \tau_i \tau_i \end{cases} \tau_i \tau_i = \begin{cases} \tau_i \tau_i \tau_i \\ \tau_i \tau_i \tau_i \end{cases}$$

$$\begin{cases} \tau_i \tau_i = \tau_i \tau_i \tau_i \\ \tau_i \tau_i = \tau_i \tau_i \tau_i \end{cases} \begin{cases} \tau_i \tau_i = \tau_i \tau_i \tau_i \\ \tau_i \tau_i = \tau_i \tau_i \tau_i \end{cases}$$

$$\begin{cases} \begin{pmatrix} \psi_1 \\ \psi_2 \end{pmatrix} = \begin{pmatrix} \psi_1 \\ \psi_2 \end{pmatrix} \\ \begin{pmatrix} \psi_1 \\ \psi_2 \end{pmatrix} = \begin{pmatrix} \psi_1 \\ \psi_2 \end{pmatrix} \end{cases} \begin{cases} \psi_1^\nu = \psi_1^\nu \\ \psi_2^\nu = \psi_2^\nu \end{cases}$$



\$\mathbb{H}_\infty^{\mathbb{H}} \ni \psi_i\$ Basis