

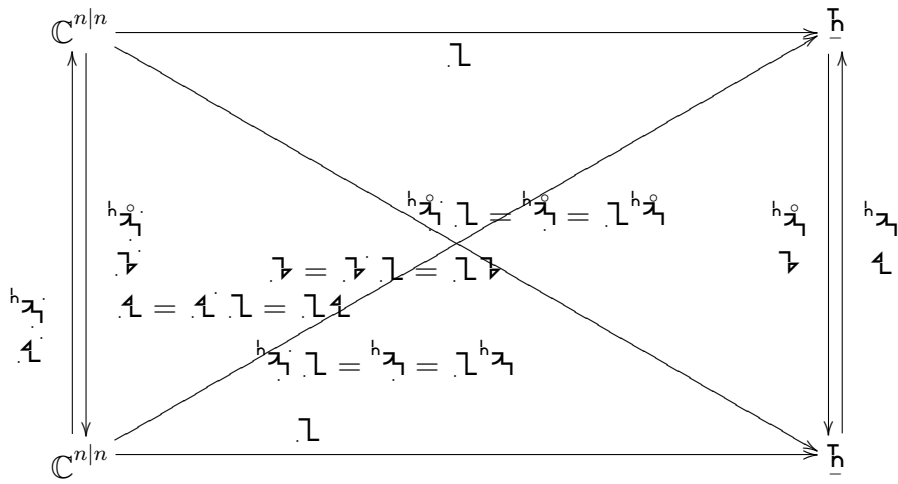
$$\mathbb{C}^{n|n} \xrightarrow{\quad \mathbb{L} \quad} \underline{\mathfrak{h}}$$

$\underline{\mathfrak{h}} \ni \mathbb{L}$ Standardbasis

$${}_i \mathbb{L} \star {}_j \mathbb{L} = {}_i \mathbb{L} \eta {}_j \mathbb{L}^* = {}_i \mathbb{L} \eta \mathbb{L}^j = {}_i \eta^j$$

$$\mathbb{L}^i = \underline{\mathbb{L}^i} \mathbb{L} : \quad \mu \delta^\nu = \mu \mathbb{L} \mathbb{L}^\nu$$

$$\mathbb{L}^i = \underline{\mathbb{L}^i} \mathbb{L} : \quad {}_i \delta^j = {}_i \mathbb{L} {}_j \mathbb{L}^* = {}_i \mathbb{L} \mathbb{L}^j$$



$${}_i \mathbb{L} \star {}_j \mathbb{L} = \begin{cases} {}_i \mathbb{L} h_{\mathbb{L}}^j \mathbb{L}^* = h_{\mathbb{L}}^j \\ {}_i \mathbb{L} h_{\mathbb{L}}^i \mathbb{L}^* = {}_i \mathbb{L} h_{\mathbb{L}}^i \mathbb{L}^j = h_{\mathbb{L}}^i \mathbb{L}^j \end{cases}$$

$$\underline{\mathfrak{h}} \ni \begin{cases} h_{\mathbb{L}}^i = {}_i \mathbb{L} h_{\mathbb{L}}^i \\ h_{\mathbb{L}}^i = {}_i \mathbb{L} h_{\mathbb{L}}^i \end{cases} \text{ ONBasis}$$

$$\begin{cases} h_{\mathbb{L}}^i = \mathbb{L}^i h_{\mathbb{L}}^i \\ h_{\mathbb{L}}^i = \mathbb{L}^i h_{\mathbb{L}}^i \end{cases}$$

$$\begin{cases} h_{\mathbb{L}}^i \star h_{\mathbb{L}}^j = h_{\mathbb{L}}^i h_{\mathbb{L}}^j h_{\mathbb{L}}^i = h_{\mathbb{L}}^i h_{\mathbb{L}}^j \eta h_{\mathbb{L}}^i h_{\mathbb{L}}^j = h_{\mathbb{L}}^i h_{\mathbb{L}}^j \eta h_{\mathbb{L}}^i h_{\mathbb{L}}^j = \mathbb{L}^i h_{\mathbb{L}}^j h_{\mathbb{L}}^i \eta h_{\mathbb{L}}^j \mathbb{L}^i = \mathbb{L}^i h_{\mathbb{L}}^j h_{\mathbb{L}}^i \eta h_{\mathbb{L}}^j \mathbb{L}^i = {}_i \mathbb{L} \eta {}_j \mathbb{L}^* = {}_i \eta^j \\ h_{\mathbb{L}}^i \star h_{\mathbb{L}}^j = h_{\mathbb{L}}^i h_{\mathbb{L}}^j h_{\mathbb{L}}^i = h_{\mathbb{L}}^i h_{\mathbb{L}}^j \eta h_{\mathbb{L}}^i h_{\mathbb{L}}^j = h_{\mathbb{L}}^i h_{\mathbb{L}}^j \eta h_{\mathbb{L}}^i h_{\mathbb{L}}^j = \mathbb{L}^i h_{\mathbb{L}}^j h_{\mathbb{L}}^i \eta h_{\mathbb{L}}^j \mathbb{L}^i = \mathbb{L}^i h_{\mathbb{L}}^j h_{\mathbb{L}}^i \eta h_{\mathbb{L}}^j \mathbb{L}^i = {}_i \mathbb{L} \eta {}_j \mathbb{L}^* = {}_i \eta^j \end{cases}$$

$$\mathbb{L}^i = \begin{cases} \underline{\mathbb{L}^i} h_{\mathbb{L}}^i \\ \underline{\mathbb{L}^i} h_{\mathbb{L}}^i \end{cases} : \quad {}_i \delta^j = \begin{cases} h_{\mathbb{L}}^i h_{\mathbb{L}}^j \\ h_{\mathbb{L}}^i h_{\mathbb{L}}^j \end{cases}$$

$$\underline{h}^{\cdot} = \begin{cases} \underline{h}^{\cdot h} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} \end{cases} : \mu \delta^{\nu} = \begin{cases} h^{\cdot \mu} h^{\cdot \nu} \\ \mu \underline{1} \underline{h}^{\cdot \nu} \end{cases}$$

$$\underline{h}^{\cdot \underline{1}} = \begin{cases} \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \underline{1}} \underline{1} = \underline{h}^{\cdot \underline{1}} \underline{1} \end{cases}$$

$$\underline{h}^{\cdot \underline{1}} = \begin{cases} h^{\cdot \lambda} h^{\cdot} = h^{\cdot} h^{\cdot} \\ \underline{h}^{\cdot \lambda} \underline{1} = \underline{h}^{\cdot \lambda} \underline{1} \end{cases}$$

$$\underline{h}^{\cdot \underline{1}} = \begin{cases} \underline{h}^{\cdot h} \underline{h}^{\cdot} = \underline{h}^{\cdot h} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} \end{cases}$$

$$\underline{h}^{\cdot \underline{1}} = \begin{cases} h^{\cdot k} h^{\cdot} = h^{\cdot} h^{\cdot} \\ \mu \underline{1} \underline{h}^{\cdot} = \mu \underline{1} \underline{h}^{\cdot} \end{cases}$$

$$\begin{cases} \underline{h}^{\cdot} = \underline{h}^{\cdot} \underline{h}^{\cdot} = \underline{h}^{\cdot} \underline{h}^{\cdot} \\ \underline{h}^{\cdot} = \underline{h}^{\cdot} \underline{h}^{\cdot} = \underline{h}^{\cdot} \underline{h}^{\cdot} \end{cases}$$

$$\begin{cases} h^{\cdot} = \underline{h}^{\cdot} = h^{\cdot \lambda} \underline{h}^{\cdot} \\ \underline{h}^{\cdot} = \underline{h}^{\cdot} = \underline{h}^{\cdot \lambda} \underline{h}^{\cdot} \end{cases}$$

$$\begin{cases} \underline{h}^{\cdot h} = \underline{h}^{\cdot h} \underline{h}^{\cdot} = \underline{h}^{\cdot h} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \underline{1}} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} \end{cases}$$

$$\begin{cases} h^{\cdot} = \underline{h}^{\cdot} = h^{\cdot k} \underline{h}^{\cdot} \\ \mu \underline{1} = \mu \underline{1} = \mu \underline{1} \underline{h}^{\cdot} \end{cases}$$

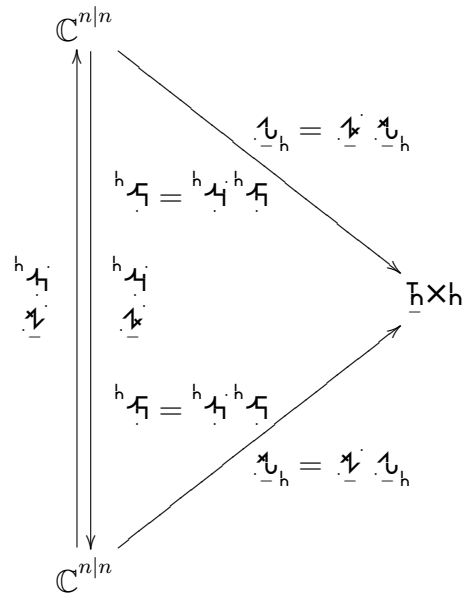
$$\begin{cases} \underline{h}^{\cdot h} = \underline{h}^{\cdot h} \underline{h}^{\cdot} = \underline{h}^{\cdot h} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \underline{1}} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} \end{cases}$$

$$\begin{cases} h^{\cdot \nu} = \underline{h}^{\cdot \nu} = h^{\cdot j} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \nu} = \underline{h}^{\cdot \nu} = \underline{h}^{\cdot j} \underline{h}^{\cdot} \end{cases}$$

$$\begin{cases} \underline{h}^{\cdot h} = \underline{h}^{\cdot h} \underline{h}^{\cdot} = \underline{h}^{\cdot h} \underline{h}^{\cdot} \\ \underline{h}^{\cdot \underline{1}} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} = \underline{h}^{\cdot \underline{1}} \underline{h}^{\cdot} \end{cases}$$

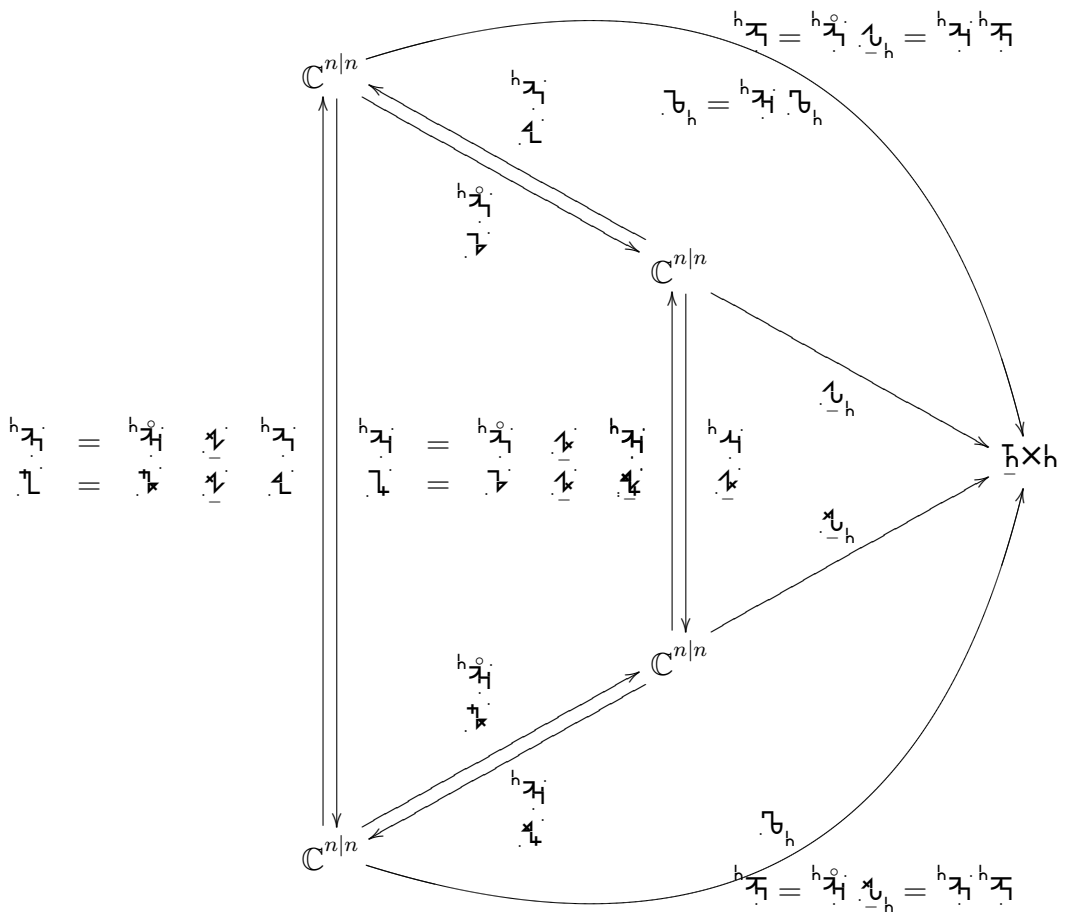
$$\begin{cases} h^{\cdot j} = \underline{h}^{\cdot j} = h^{\cdot} \underline{h}^{\cdot} \\ \mu \underline{1}^j = \mu \underline{1}^j = \mu \underline{1}^j \end{cases}$$

$$\mathbb{C}^{n|n} \xrightarrow{\mathcal{F}_z} \mathbb{H}$$



$\mathbb{H} \times \mathfrak{h} \ni {}_{\mu} \mathcal{L}_h$ holonomic basis

$$\mathcal{L} = \underbrace{\mathcal{L}_h}_{\mu} \cdot {}^h\mathcal{L}^{\nu} : \quad {}_{\mu} \delta^{\nu} = {}_{\mu} \mathcal{L}_h \cdot {}^h\mathcal{L}^{\nu}$$



$$\underline{h} \times \underline{h} \ni \begin{cases} h_{\mathcal{L}}^i \\ h_{\mathcal{T}}^i \end{cases} \quad \text{ONbasis}$$

$$h_{\mathcal{T}}^i \otimes h_{\mathcal{T}}^j = \delta_{ij}$$

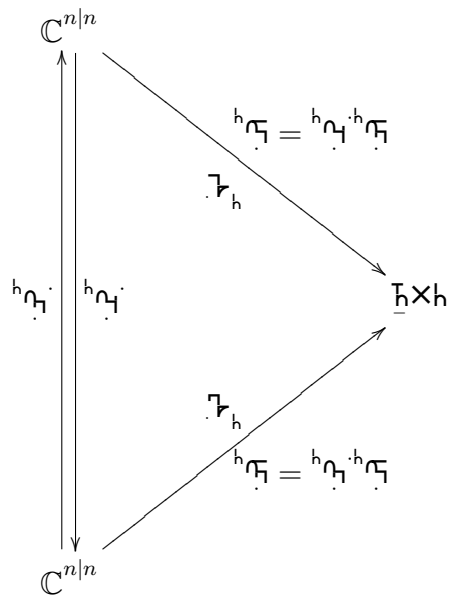
$$k = \begin{pmatrix} h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\bullet} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\bullet} \end{pmatrix} : \delta^j = \begin{cases} h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^j \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^j \end{cases}$$

$$\begin{cases} h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\circ} = h_{\mathcal{L}}^{\circ} \otimes h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\bullet} = h_{\mathcal{L}}^{\circ} \otimes h_{\mathcal{L}}^{\bullet} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\circ} = h_{\mathcal{L}}^{\bullet} \otimes h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\bullet} = h_{\mathcal{L}}^{\bullet} \otimes h_{\mathcal{L}}^{\bullet} \end{cases}$$

$$h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\circ} = \begin{pmatrix} h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\bullet} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\bullet} \end{pmatrix} : \mu_{\mathcal{L}} = \begin{cases} h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\bullet} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\bullet} \end{cases}$$

$$\begin{cases} h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\circ} = h_{\mathcal{L}}^{\circ} \otimes h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\circ} h_{\mathcal{L}}^{\bullet} = h_{\mathcal{L}}^{\circ} \otimes h_{\mathcal{L}}^{\bullet} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\circ} = h_{\mathcal{L}}^{\bullet} \otimes h_{\mathcal{L}}^{\circ} \\ h_{\mathcal{L}}^{\bullet} h_{\mathcal{L}}^{\bullet} = h_{\mathcal{L}}^{\bullet} \otimes h_{\mathcal{L}}^{\bullet} \end{cases}$$

$$\begin{cases} \mathbb{b}^h \mathbb{z}_i = \underbrace{\mathbb{b}^i \mathbb{1}_b}_{\mathbb{1}_b} \mathbb{z}_i & \begin{cases} \mathbb{z}_i^j = \mathbb{1}_\mu^h \mathbb{z}_i^j \\ \mathbb{z}_i^j = \mathbb{1}_\mu^h \mathbb{z}_i^j \end{cases} \\ \mathbb{b}^i \mathbb{z}_i = \underbrace{\mathbb{b}^i \mathbb{1}_b}_{\mathbb{1}_b} \mathbb{z}_i & \begin{cases} \mathbb{z}_i^j = \mathbb{1}_\mu^h \mathbb{z}_i^j \\ \mathbb{z}_i^j = \mathbb{1}_\mu^h \mathbb{z}_i^j \end{cases} \end{cases}$$



$$\mathbb{1}_h = \begin{bmatrix} \mathbb{1}_h \\ \vdots \\ n \mathbb{1}_h \end{bmatrix} \text{ Basis}$$

$$\underline{h} \times h \ni \mathbb{1}_h = \mathbb{1}_h \mathbb{1}_h$$