

$$\overline{\mathbb{C}}^{n:n} \xrightarrow{\quad \mathbb{L} \quad} \underline{\mathbb{C}}^{\mathbb{L}} \mathbb{h}$$

$\underline{\mathbb{C}}^{\mathbb{L}} \mathbb{h} \ni \mathbb{l}$ Standardbasis

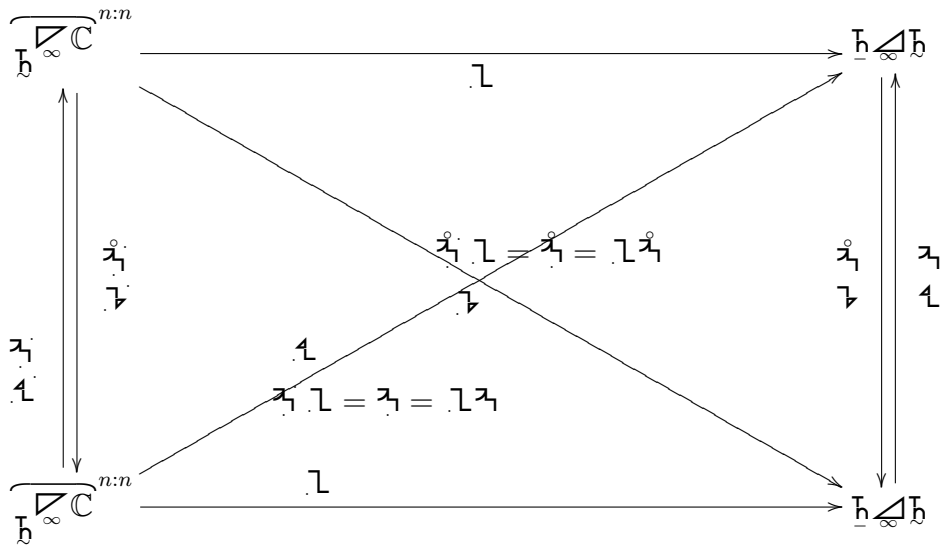
$${}_i \mathbb{l} \star {}_j \mathbb{l} = {}_i \mathbb{l} \eta {}_j \mathbb{l}^* = {}_i \mathbb{l} \eta \mathbb{l}^j = {}_i \eta^j$$

$$\mathbb{b} = \underline{\mathbb{b}} \mathbb{l} \mathbb{l}$$

$${}_{\mu} \delta^{\nu} = {}_{\mu} \mathbb{l} \mathbb{l}^{\nu}$$

$$\mathbb{k} = \underline{\mathbb{k}} \mathbb{l} \mathbb{l}$$

$${}_i \delta^j = {}_i \mathbb{l} {}_j \mathbb{l}^* = {}_i \mathbb{l} \mathbb{l}^j$$

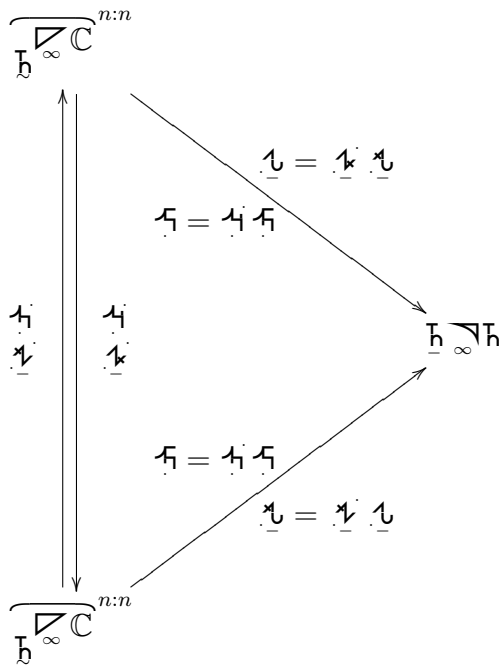


$${}_i \mathbb{l} \star {}_j \mathbb{l} = \begin{cases} {}_i \mathbb{l} \mathbb{s}_j \mathbb{l}^* = \mathbb{s}_{ij} \\ {}_i \mathbb{l} \mathbb{A}_j \mathbb{l}^* = {}_i \mathbb{l} \mathbb{A}_j \mathbb{l}^j = {}_i \mathbb{A}^j \end{cases}$$

$$\underline{\mathbb{C}}^{\mathbb{L}} \mathbb{h} \ni \begin{cases} \mathring{\mathbb{s}}_i = {}_i \mathbb{l} \mathring{\mathbb{s}}_i \\ \mathring{\mathbb{b}}_i = {}_i \mathbb{l} \mathring{\mathbb{b}}_i \end{cases} \text{ ONBasis}$$

$$\begin{cases} \mathring{\mathbb{s}}_i = \mathbb{l}^i \mathring{\mathbb{s}}_i \\ \mathring{\mathbb{b}}_i = \mathbb{l}^i \mathring{\mathbb{b}}_i \end{cases}$$

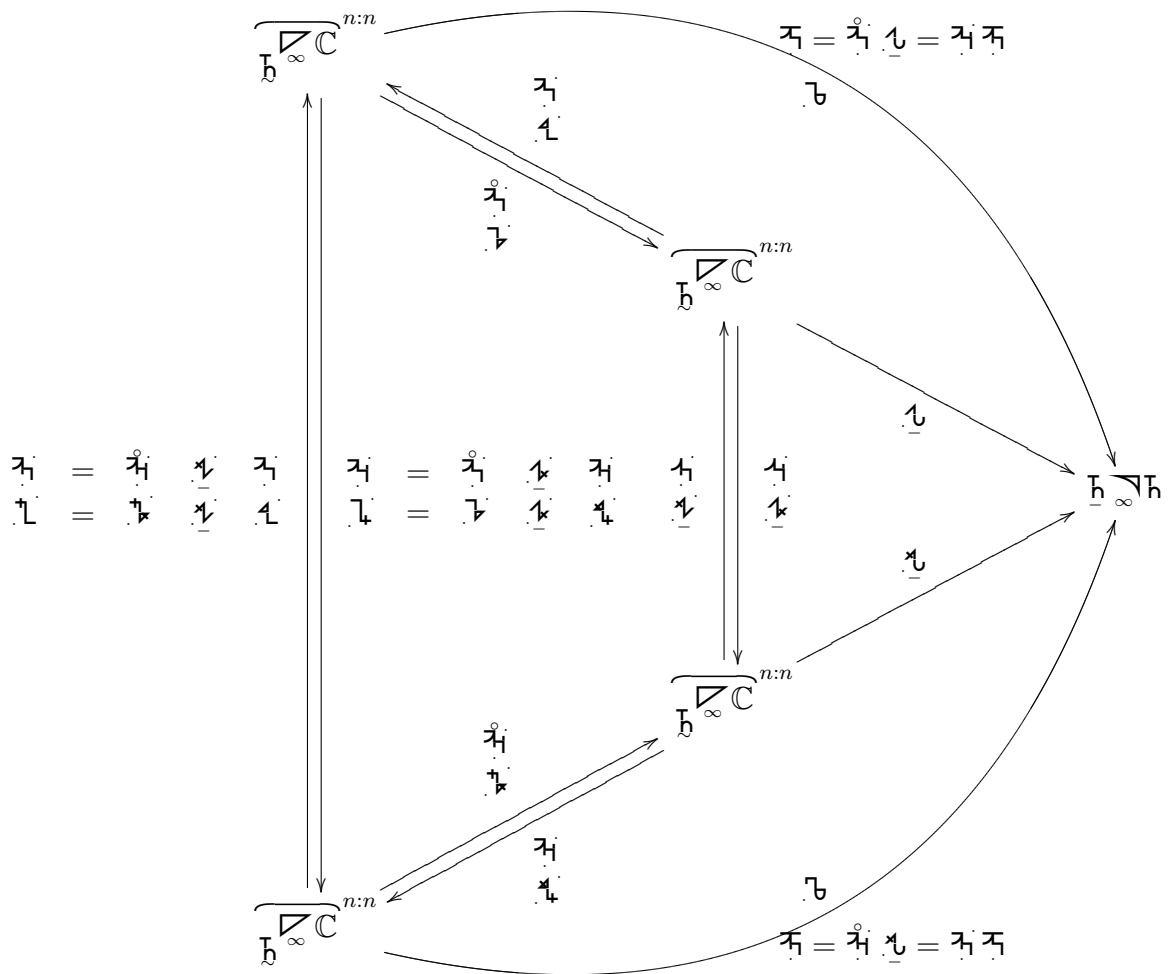
$$\begin{cases} \mathring{\mathbb{s}}_i \star \mathring{\mathbb{s}}_j = \mathring{\mathbb{s}}_i \mathbb{s}_j \mathring{\mathbb{s}}_i = \mathring{\mathbb{s}}_i \mathbb{s}_j \eta \mathring{\mathbb{s}}_i^* \mathring{\mathbb{s}}_i^* = \mathring{\mathbb{s}}_i \mathbb{s}_j \eta \mathring{\mathbb{s}}_i^* \mathring{\mathbb{s}}_i^* & = \underline{\mathbb{l}} \mathring{\mathbb{s}}_i \mathbb{s}_j \eta \mathring{\mathbb{s}}_i^* \underline{\mathbb{l}} \mathring{\mathbb{s}}_i^* = \underline{\mathbb{l}} \mathring{\mathbb{s}}_i \mathbb{s}_j \eta \mathring{\mathbb{s}}_i^* \underline{\mathbb{l}}^* \mathring{\mathbb{s}}_i^* = {}_i \mathbb{l} \eta {}_j \mathbb{l}^* = {}_{ij} \eta \\ \mathring{\mathbb{b}}_i \star \mathring{\mathbb{b}}_j = \mathring{\mathbb{b}}_i \mathbb{A}_j \mathring{\mathbb{b}}_i = \mathring{\mathbb{b}}_i \mathbb{A}_j \eta \mathring{\mathbb{b}}_i^* \mathring{\mathbb{b}}_i^* & = \underline{\mathbb{l}} \mathring{\mathbb{b}}_i \mathbb{A}_j \eta \mathring{\mathbb{b}}_i^* \underline{\mathbb{l}} \mathring{\mathbb{b}}_i^* = \underline{\mathbb{l}} \mathring{\mathbb{b}}_i \mathbb{A}_j \eta \mathring{\mathbb{b}}_i^* \underline{\mathbb{l}}^* \mathring{\mathbb{b}}_i^* = {}_i \mathbb{l} \mathbb{A}_j \eta \mathbb{l}^* = {}_{ij} \mathbb{A} \eta \end{cases}$$



$\mathbb{H} \ni \mu \underline{u}$ holonomic basis

$$\omega_i = \omega_j \gamma_i$$

$$\mu \delta^\nu = \mu \underline{u} \gamma^\nu$$



$$\mathbb{H} \ni \begin{Bmatrix} \mathfrak{z}_i \\ \mathfrak{z}_i \end{Bmatrix} \text{ ONbasis}$$

$$\mathfrak{z}_i \mathfrak{z}_i = \eta^j$$

$$\mathfrak{z}_i = \begin{Bmatrix} \mathfrak{z}_i \mathfrak{z}_i \\ \mathfrak{z}_i \mathfrak{z}_i \end{Bmatrix}$$

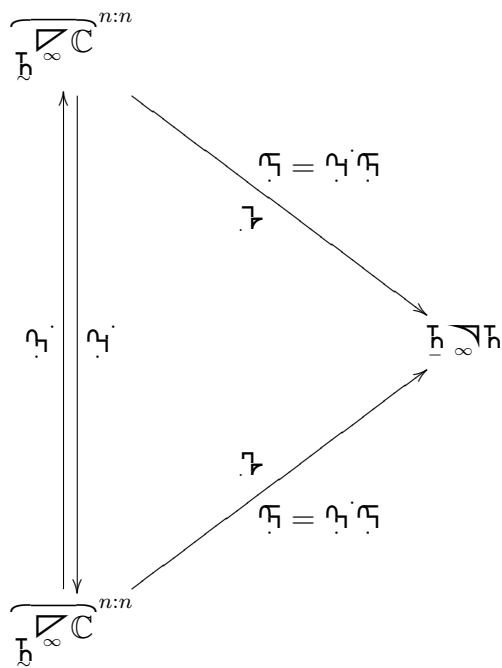
$$\mathfrak{z}_i \delta^j = \begin{Bmatrix} \mathfrak{z}_i \mathfrak{z}_i^j \\ \mathfrak{z}_i \mathfrak{z}_i^j \end{Bmatrix}$$

$$\begin{Bmatrix} \mathfrak{z}_i \\ \mathfrak{z}_i \end{Bmatrix} = \begin{Bmatrix} \mathfrak{z}_i \\ \mathfrak{z}_i \end{Bmatrix} \begin{Bmatrix} \mathfrak{z}_i \\ \mathfrak{z}_i \end{Bmatrix} \quad \begin{Bmatrix} \mathfrak{z}_i \\ \mathfrak{z}_i \end{Bmatrix} = \begin{Bmatrix} \mathfrak{z}_i^\lambda \\ \mathfrak{z}_i^\lambda \end{Bmatrix}$$

$$\mu_{\underline{1}} = \begin{cases} \mu_{\underline{1}}^{\underline{1}} \\ \mu_{\underline{1}}^{\underline{2}} \end{cases} : \mu_{\underline{1}} = \begin{cases} \mu_{\underline{1}}^k \\ \mu_{\underline{1}}^k \end{cases}$$

$$\begin{cases} \mu_{\underline{1}}^{\underline{1}} = \mu_{\underline{1}}^{\underline{1}} \\ \mu_{\underline{1}}^{\underline{2}} = \mu_{\underline{1}}^{\underline{2}} \end{cases} \begin{cases} \mu_{\underline{1}}^j = \mu_{\underline{1}}^j \\ \mu_{\underline{1}}^j = \mu_{\underline{1}}^j \end{cases}$$

$$\begin{cases} \mu_{\underline{1}}^{\underline{1}} = \mu_{\underline{1}}^{\underline{1}} \\ \mu_{\underline{1}}^{\underline{2}} = \mu_{\underline{1}}^{\underline{2}} \end{cases} \begin{cases} \mu_{\underline{1}}^{\nu} = \mu_{\underline{1}}^{\nu} \\ \mu_{\underline{1}}^{\nu} = \mu_{\underline{1}}^{\nu} \end{cases}$$



$\overline{\mathbb{H}_{\infty} \mathbb{H}} \ni \mu_{\underline{1}}$ Basis

$$\mu_{\underline{1}} = \mu_{\underline{1}}$$