

$$\mathbf{1}' = \begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} \end{cases}$$

$${}_I \delta^J = \begin{cases} \overset{\circ}{\mathbf{z}}_i \mathbf{z}_i^J \\ \mathbf{1}'_i \mathbf{1}'_i^J \end{cases}$$

$$\mathbf{1}' = \begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} \end{cases}$$

$${}_M \delta^N = \begin{cases} \mathbf{z}_M^{\circ N} \\ \mathbf{1}'_M \mathbf{1}'_M^N \end{cases}$$

$$\mathbf{1}' \mathbf{1}' = \begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{z}_i = \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{z}_i \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i \end{cases}$$

$${}_I \mathbf{1}' = \begin{cases} \overset{\circ}{\mathbf{z}}_i^L \mathbf{z}_i = \overset{\circ}{\mathbf{z}}_i \mathbf{z}_i \\ \mathbf{1}'_i^L \mathbf{1}'_i = \mathbf{1}'_i \mathbf{1}'_i \end{cases}$$

$$\mathbf{1}' \mathbf{1}' = \begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{z}_i = \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{z}_i \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i \end{cases}$$

$${}_M \mathbf{1}' = \begin{cases} \mathbf{z}_M^K \overset{\circ}{\mathbf{z}}_i = \mathbf{z}_i \overset{\circ}{\mathbf{z}}_i \\ \mathbf{1}'_M^K \mathbf{1}'_i = \mathbf{1}'_i \mathbf{1}'_i \end{cases}$$

$$\begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} = \underline{\mathbf{1}'_i \mathbf{1}'_i} \overset{\circ}{\mathbf{z}}_i = \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{1}'_i \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i \end{cases}$$

$$\begin{cases} \overset{\circ}{\mathbf{z}}_i = \mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i = \overset{\circ}{\mathbf{z}}_i^L \mathbf{1}'_i \\ \mathbf{1}'_i = \mathbf{1}'_i \mathbf{1}'_i = \mathbf{1}'_i^L \mathbf{1}'_i \end{cases}$$

$$\begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} = \underline{\mathbf{1}'_i \mathbf{1}'_i} \overset{\circ}{\mathbf{z}}_i = \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{1}'_i \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i \end{cases}$$

$$\begin{cases} \mathbf{z}_i = \mathbf{1}'_i \mathbf{z}_i = \mathbf{z}_i^K \mathbf{1}'_i \\ \mathbf{1}'_i = \mathbf{1}'_i \mathbf{1}'_i = \mathbf{1}'_i^K \mathbf{1}'_i \end{cases}$$

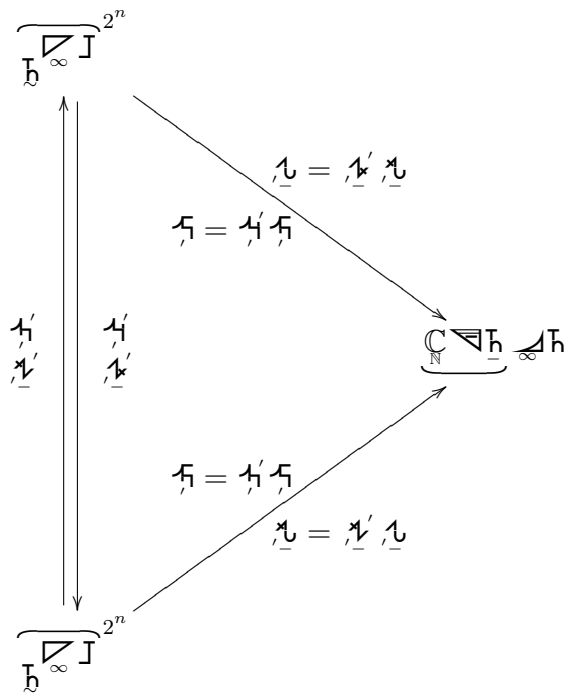
$$\begin{cases} \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} = \underline{\mathbf{1}'_i \mathbf{1}'_i} \overset{\circ}{\mathbf{z}}_i = \underline{\mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i} \mathbf{1}'_i \\ \underline{\mathbf{1}'_i \mathbf{1}'_i} = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i = \underline{\mathbf{1}'_i \mathbf{1}'_i} \mathbf{1}'_i \end{cases}$$

$$\begin{cases} \overset{\circ}{\mathbf{z}}_i^N = \mathbf{1}'_i \overset{\circ}{\mathbf{z}}_i^N = \overset{\circ}{\mathbf{z}}_i \mathbf{1}'_i^N \\ \mathbf{1}'_i^N = \mathbf{1}'_i \mathbf{1}'_i^N = \mathbf{1}'_i \mathbf{1}'_i^N \end{cases}$$

$$\begin{cases} \underline{\nu}' \underline{\alpha}' = \underline{\nu}' \underline{\Gamma} \underline{\alpha}' = \underline{\nu}' \underline{\alpha}' \underline{\Gamma}' \\ \underline{\nu}' \underline{\Lambda}' = \underline{\nu}' \underline{\Gamma} \underline{\Lambda}' = \underline{\nu}' \underline{\Lambda}' \underline{\Gamma}' \end{cases}$$

$$\begin{cases} \underline{\alpha}'^J = \underline{\Gamma} \underline{\alpha}'^J = \underline{\alpha}'^J \underline{\Gamma}' \\ \underline{\Lambda}'^J = \underline{\Gamma} \underline{\Lambda}'^J = \underline{\Lambda}'^J \underline{\Gamma}' \end{cases}$$

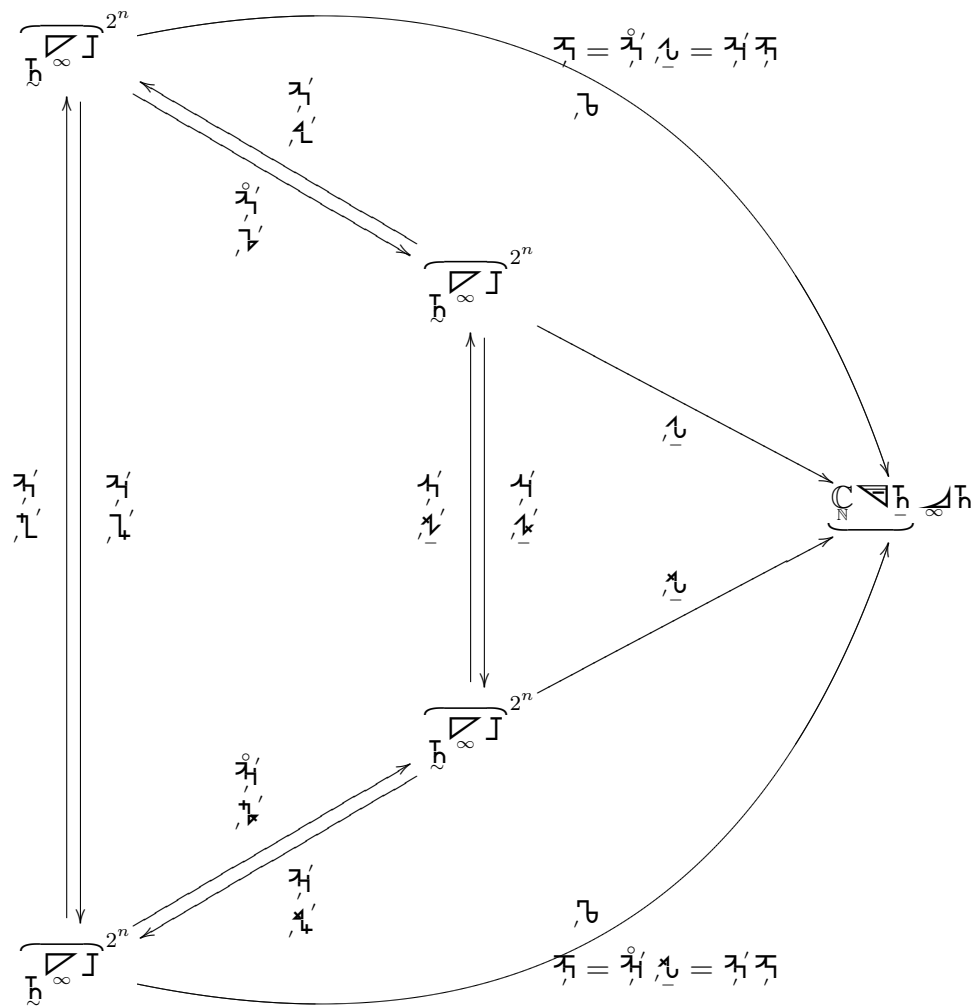
$$\overline{\mathbb{h}}_{\infty}^{\underline{\Gamma}} \xrightarrow{\underline{\nu}'_z} \mathbb{C}_{\mathbb{N}} \underline{\Lambda}' \underline{\Gamma}'$$



$\mathbb{C}_{\mathbb{N}} \underline{\Lambda}' \underline{\Gamma}' \underline{\alpha}' \underline{\Gamma}' \ni \underline{\alpha}'_{\underline{\Gamma}'}$ holonomic basis

$$\underline{\nu}' = \underline{\nu}' \underline{\alpha}' \underline{\nu}'$$

$$M \delta^N = M \underline{\alpha}'_{\underline{\Gamma}'} \underline{\nu}'^N$$



$$\mathbb{C}^{\infty} \otimes \mathbb{C}^h \otimes \mathbb{C}^h \ni \begin{cases} \mathcal{U}' \\ \mathcal{U} \end{cases} \text{ ONbasis}$$

$$\mathcal{U}' \otimes \mathcal{U} = \mathcal{U}^J$$

$$\mathcal{U}' = \begin{cases} \mathcal{U}' \\ \mathcal{U}' \end{cases}$$

$$\mathcal{U}^J = \begin{cases} \mathcal{U}^J \\ \mathcal{U}^J \end{cases}$$

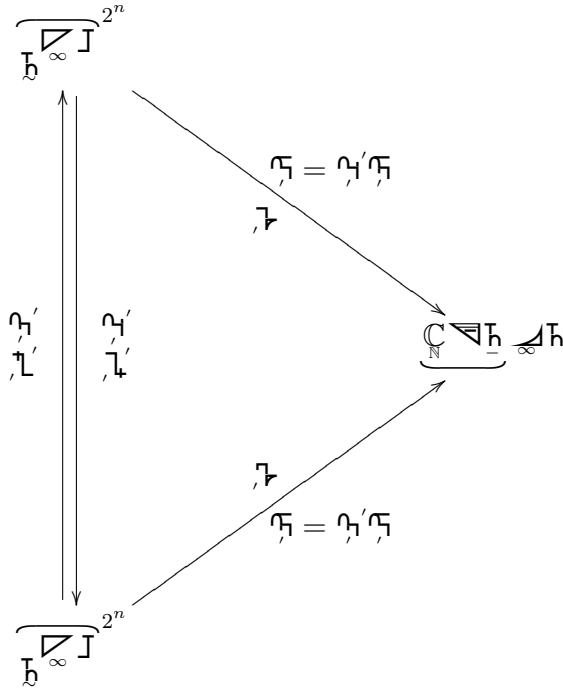
$$\begin{cases} \mathcal{U}' = \mathcal{U}' \otimes \mathcal{U} \\ \mathcal{U} = \mathcal{U}' \otimes \mathcal{U} \end{cases} \begin{cases} \mathcal{U} = \mathcal{U}'^L \otimes \mathcal{U} \\ \mathcal{U} = \mathcal{U}'^L \otimes \mathcal{U} \end{cases}$$

$$\underline{v}' = \begin{cases} \underline{v}'_1, \underline{v}'_2 \\ \underline{v}'_3, \underline{v}'_4 \end{cases}$$

$$M \underline{v} = \begin{cases} \underline{v}'_1^K, \underline{v}'_2^K \\ \underline{v}'_3^K, \underline{v}'_4^K \end{cases}$$

$$\begin{cases} \underline{v}'_1 = \underline{v}'_1 \underline{v}'_2 & \begin{cases} \underline{v}'_1^N = \underline{v}'_1 \underline{v}'_2^N \\ \underline{v}'_2 = \underline{v}'_3 \underline{v}'_4 & \begin{cases} \underline{v}'_1^N = \underline{v}'_1 \underline{v}'_2^N \\ \underline{v}'_2 = \underline{v}'_3 \underline{v}'_4 \end{cases} \end{cases} \end{cases}$$

$$\begin{cases} \underline{v}'_1 = \underline{v}'_1 \underline{v}'_2 & \begin{cases} \underline{v}'_1^J = \underline{v}'_1 \underline{v}'_2^J \\ \underline{v}'_2 = \underline{v}'_3 \underline{v}'_4 & \begin{cases} \underline{v}'_1^J = \underline{v}'_1 \underline{v}'_2^J \\ \underline{v}'_2 = \underline{v}'_3 \underline{v}'_4 \end{cases} \end{cases} \end{cases}$$



$\underbrace{\mathbb{C}^{\infty}}_{\mathbb{R}^{\infty}} \ni \hat{v}_h$ Basis