

$$\mathbb{C}^n \times {}^{2^{n|n}}\mathbb{C} \ni , \mathbf{1}$$

$$\begin{array}{ccc} & {}^{2^{n|n}}\mathbb{C} & \\ \text{h}\text{---}^{\circ} & \uparrow & \text{h}\text{---}^{\circ} \\ \text{---}^{\circ} & & \text{---}^{\circ} \\ \text{A}' & & \text{A}' \\ \downarrow & & \downarrow \\ & {}^{2^{n|n}}\mathbb{C} & \end{array}$$

$$\mathbb{C}^n \xrightarrow[\text{---}^{\circ}]{\text{h}\text{---}^{\circ}} {}^{2^{n|n}}\mathbb{C}_{2^{n|n}}^{\mathbb{C}}$$

$$\mathbb{C}^n \xrightarrow[\text{---}^{\circ}_h = \text{---}^{\circ}, \eta^{\circ}, \text{h}\text{---}^{\circ}]{\text{---}^{\circ}_h = \text{---}^*, \eta^*, \text{---}^{\circ}} {}^{2^{p|q}}\mathbb{C}_{2^{p|q}}$$

$$\text{h}\text{---}^{\circ\prime} = \text{h}\text{---}^{\circ*}, \eta^{\circ}, \text{h}\text{---}^{\circ}$$

$$\text{h}\text{---}^{HK} = \text{h}\text{---}^{*H}_I \eta^{IJ} \text{h}\text{---}^{*K}_J$$

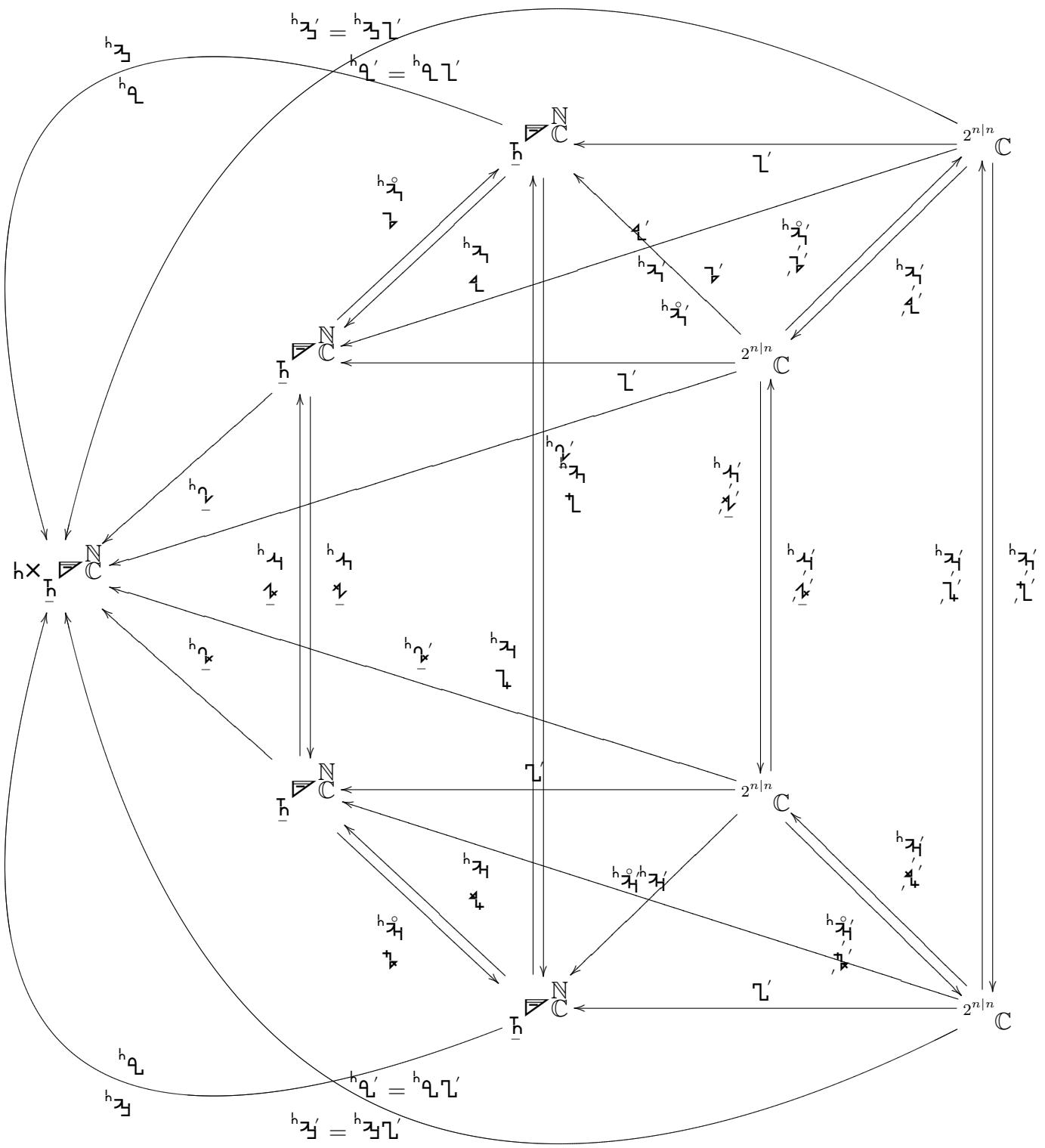
$$,\mathbf{1} = \left\{ \begin{array}{c} \text{h}\text{---}^{\circ}, \text{h}\text{---}^{\circ}, \mathbf{1} \\ \text{---}^{\circ}, \text{A}', \mathbf{1} \end{array} \right\} \quad : \quad {}_I \delta^J = \left\{ \begin{array}{c} \text{h}\text{---}^{\circ L}, \text{h}\text{---}^{\circ J} \\ I, L \\ \text{---}^{\circ}, L \end{array} \right\}$$

$$,\mathbf{1} = \left\{ \begin{array}{c} \text{h}\text{---}^{\circ}, \text{h}\text{---}^{\circ}, \mathbf{1} \\ \text{---}^{\circ}, \text{A}', \mathbf{1} \end{array} \right\} \quad : \quad {}_M \delta^N = \left\{ \begin{array}{c} \text{h}\text{---}^{\circ K}, \text{h}\text{---}^{\circ N} \\ M, K \\ \text{---}^{\circ}, K \end{array} \right\}$$

$$,\mathbf{1} \times ,\mathbf{1} = ,\mathbf{1} \overset{*}{\eta} ,\mathbf{1} = {}_I \overset{*}{\eta} {}^I J ,\mathbf{1}$$

$$,\mathbf{1} \times_h ,\mathbf{1} = \left\{ \begin{array}{c} \text{h}\text{---}^{\circ}, \mathbf{1} \times \text{h}\text{---}^{\circ}, \mathbf{1} \\ \text{---}^{\circ}, \mathbf{1} \times \text{---}^{\circ}, \mathbf{1} \end{array} \right\} = \widehat{\text{h}\text{---}^{\circ}, \mathbf{1} \overset{*}{\eta} \text{h}\text{---}^{\circ}, \mathbf{1}} = \widehat{\mathbf{1} \overset{*}{\eta} \text{h}\text{---}^{\circ}, \mathbf{1}} = ,\mathbf{1} \overset{*}{\eta} \text{h}\text{---}^{\circ}, \mathbf{1} = ,\mathbf{1} \text{h}\text{---}^{\circ}, \mathbf{1} = ,\mathbf{1} \overset{*}{\eta} \text{h}\text{---}^{\mu\nu}, \mathbf{1} \\ = \widehat{\text{---}^{\circ}, \mathbf{1} \overset{*}{\eta} \text{---}^{\circ}, \mathbf{1}} = \widehat{\mathbf{1} \overset{*}{\eta} \text{---}^{\circ}, \mathbf{1}} = ,\mathbf{1} \overset{*}{\eta} \text{---}^{\circ}, \mathbf{1} = ,\mathbf{1} \text{---}^{\circ}, \mathbf{1} = ,\mathbf{1} \text{---}^{\nu}, \mathbf{1} = {}_\mu \overset{*}{\mathbf{1}} \text{---}^{\nu}, \mathbf{1} \end{array} \right\}$$

$$\begin{aligned}
& \text{Top: } {}^h \gamma' = {}^h \gamma L' = {}^h \gamma \alpha' \\
& \text{Left: } {}^h \gamma' \xrightarrow{\quad} {}^h \gamma \xrightarrow{\quad} h \times {}^h \mathbb{C}^N \\
& \text{Center: } \begin{array}{c} {}^h \gamma \xrightarrow{\quad} {}^h \gamma \xrightarrow{\quad} h \times {}^h \mathbb{C}^N \\ \downarrow \quad \uparrow \\ h \times {}^h \mathbb{C}^N \xleftarrow{\quad} L' \end{array} \\
& \text{Right: } \begin{array}{c} {}^h \gamma \xrightarrow{\quad} {}^h \gamma \xrightarrow{\quad} h \times {}^h \mathbb{C}^N \\ \downarrow \quad \uparrow \\ h \times {}^h \mathbb{C}^N \xleftarrow{\quad} L' \end{array} \\
& \text{Bottom: } {}^h \gamma' = {}^h \gamma L' = {}^h \gamma \alpha' \\
& \text{Bottom Left: } {}^h \gamma' = {}^h \gamma \xrightarrow{\quad} {}^h \gamma^J \xrightarrow{\quad} L \\
& \text{Bottom Right: } L', \alpha = \underbrace{\gamma_h}_{\gamma'} \alpha, \quad L^N = \underbrace{\gamma_h}_{\gamma} \gamma^N \\
& \text{Bottom Center: } {}^h \gamma', \alpha = \underbrace{\gamma}_{\gamma'} L', \alpha, \quad {}^h \gamma^N = \underbrace{\gamma}_{\gamma} L^N
\end{aligned}$$



$$\begin{aligned}
& \text{L}' , \mathbf{1} = \begin{cases} {}^h \mathfrak{A} \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{b}_h {}^h \mathfrak{A}' , \mathbf{1}} \\ \mathfrak{b}_h {}^h \mathfrak{A}' , \mathbf{1} \end{cases} : \quad \text{L}^J = \begin{cases} {}^h \mathfrak{A} {}^h \mathfrak{A}^J \\ \mathfrak{b}_h {}^h \mathfrak{A}^J \end{cases} \\
& \begin{cases} {}^h \mathfrak{A}' , \mathbf{1} = \mathfrak{b}_h \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{A}' , \mathbf{1}} \\ \mathfrak{A}' , \mathbf{1} = \mathfrak{b}_h \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{A}' , \mathbf{1}} \end{cases} \begin{cases} {}^h \mathfrak{A}^J = \mathfrak{b}_h \underbrace{{}^h \mathfrak{A}^J}_{\mathfrak{A}^J} \\ \mathfrak{A}^J = \mathfrak{b}_h \underbrace{{}^h \mathfrak{A}^J}_{\mathfrak{A}^J} \end{cases} \\
& \begin{cases} {}^h \mathfrak{A}' , \mathbf{1} = {}^h \mathfrak{A} \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{b}_h {}^h \mathfrak{A}' , \mathbf{1}} \\ \mathfrak{A}' , \mathbf{1} = \mathfrak{b}_h \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{b}_h {}^h \mathfrak{A}' , \mathbf{1}} \end{cases} \begin{cases} {}^h \mathfrak{A}^N = {}^h \mathfrak{A} \underbrace{{}^h \mathfrak{A}^N}_{\mathfrak{A}^N} \\ \mathfrak{A}^N = \mathfrak{b}_h \underbrace{{}^h \mathfrak{A}^N}_{\mathfrak{b}_h \mathfrak{A}^N} \end{cases} \\
& {}^h \mathfrak{V}' , \mathbf{1} = \begin{cases} {}^h \mathfrak{A} \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{b}_h \mathfrak{A}' , \mathbf{1}} \\ \mathfrak{b}_h \mathfrak{A}' , \mathbf{1} \end{cases} : \quad {}^h \mathfrak{V}^N = \begin{cases} {}^h \mathfrak{A} {}^h \mathfrak{A}^N \\ \mathfrak{b}_h \mathfrak{A}^N \end{cases} \\
& \begin{cases} {}^h \mathfrak{A}' , \mathbf{1} = {}^h \mathfrak{A} \underbrace{\mathfrak{L}' , \mathbf{1}}_{\mathfrak{b}_h \mathfrak{L}' , \mathbf{1}} = {}^h \mathfrak{V} \underbrace{{}^h \mathfrak{A}' , \mathbf{1}}_{\mathfrak{A}' , \mathbf{1}} \\ {}^h \mathfrak{A}' , \mathbf{1} = {}^h \mathfrak{A} \underbrace{\mathfrak{L}' , \mathbf{1}}_{\mathfrak{b}_h \mathfrak{L}' , \mathbf{1}} = {}^h \mathfrak{V} \underbrace{\mathfrak{A}' , \mathbf{1}}_{\mathfrak{A}' , \mathbf{1}} \end{cases} \\
& \begin{cases} {}^h \mathfrak{A}^J = {}^h \mathfrak{A} \underbrace{\mathfrak{L}^J}_{\mathfrak{b}_h \mathfrak{L}^J} = {}^h \mathfrak{V} \underbrace{{}^h \mathfrak{A}^J}_{\mathfrak{A}^J} \\ {}^h \mathfrak{A}^J = {}^h \mathfrak{A} \underbrace{\mathfrak{L}^J}_{\mathfrak{b}_h \mathfrak{L}^J} = {}^h \mathfrak{V} \underbrace{\mathfrak{A}^J}_{\mathfrak{A}^J} \end{cases}
\end{aligned}$$

