$$[?]' \in \mathbb{C}^{2^n} \times \mathbb{C}^n$$

$$\mathbb{C}^{2^n} \rightleftarrows \mathbb{C}^{2^n}$$

$$[?] \longrightarrow {}_{2^n}\mathbb{C}^{2^n}$$

$$[?]' = \begin{cases} [?] \\ [?] \end{cases}$$

$$_I\delta^J = \begin{cases} [?]_I{}^L\,[?]_L{}^J \\ [?]_I{}^L\,[?]_L{}^J \end{cases}$$

$$[?]' = \begin{cases} [?] \\ [?] \end{cases}$$

$$_M\delta^N = \begin{cases} [?]_M{}^K\,[?]_K{}^N \\ [?]_M{}^K\,[?]_K{}^N \end{cases}$$

$$\mathbb{C}^{2^n} \longrightarrow {}_{2^{p\prime q}}\mathbb{C}^{2^{p\prime q}}$$

$$\begin{cases} [?]_{MN} = {}_M([?]'\,\eta\,[?]')^N = [?]_M{}^I\,{}_{IJ}\eta\,[?]_N{}^J \\ {}_M[?]^J = {}_M[?]^I\,{}_{IJ}\eta\,{}_N[?]^{*J} \end{cases}$$

$$[?]'^I \times [?]^J = [?]'^I\,{}_{IJ}\eta\,[?]^{*J} = [?]'^I\,{}_{IJ}\eta\,[?]^J$$

$$\begin{cases} \underbrace{\quad}_{} \times \underbrace{\quad}_{} & = \underbrace{\quad}_{} \eta \overset{*}{\underbrace{\quad}_{}} = \underbrace{\quad}_{} \eta \overset{*}{\underbrace{\quad}_{}} = \underbrace{\quad}_{} \eta \overset{*}{\underbrace{\quad}_{}} = \\ \underbrace{\quad}_{} \times \underbrace{\quad}_{} & = \underbrace{\quad}_{} \eta \overset{*}{\underbrace{\quad}_{}} = \underbrace{\quad}_{} \eta \overset{*}{\underbrace{\quad}_{}} = \underbrace{\quad}_{} \eta \overset{*}{\underbrace{\quad}_{}} = \end{cases}$$

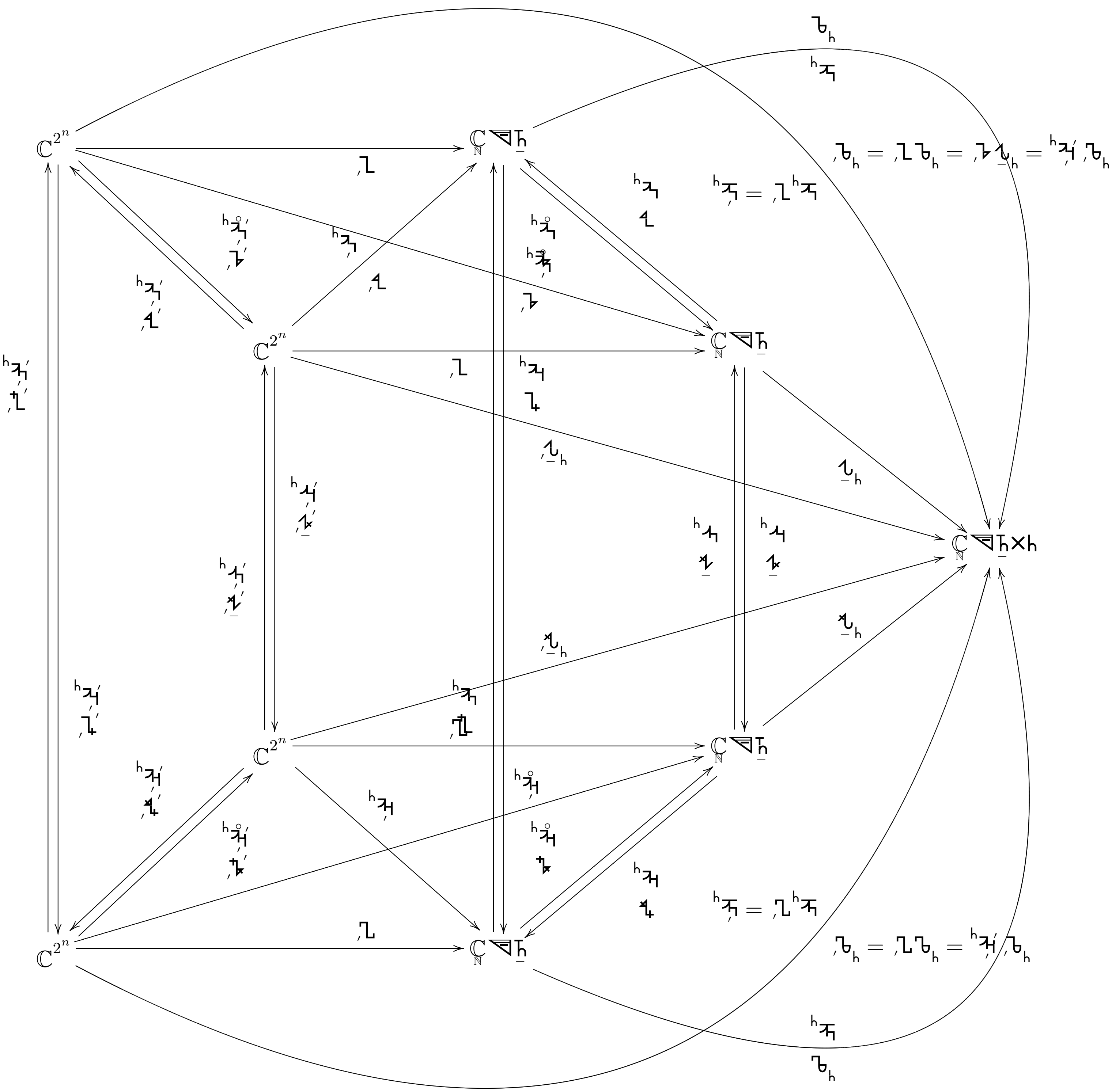
$$\underline{\quad}_{h} = \underline{\quad}^{L} \; {}_{L}\underline{\quad}_{h}$$

$$\underline{\quad}' \; \underline{\quad} = \underbrace{\underline{\quad}' \underline{\quad}_{h}}\; \underline{\quad}_{h}$$

$${}_{M}\underline{\quad} = {}_{M}\underline{\quad}_{h} \; \underline{\quad}_{h}$$

$$\underline{\quad}' \; \underline{\quad}_{h} = \underbrace{\underline{\quad}' \underline{\quad}}\; \underline{\quad}_{h}$$

$${}_{M}\underline{\quad}_{h} = {}_{M}\underline{\quad} \; \underline{\quad}_{h}$$



$$\begin{cases} \underbrace{\qquad}_{} \\ \underbrace{\qquad}_{} \end{cases}$$

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