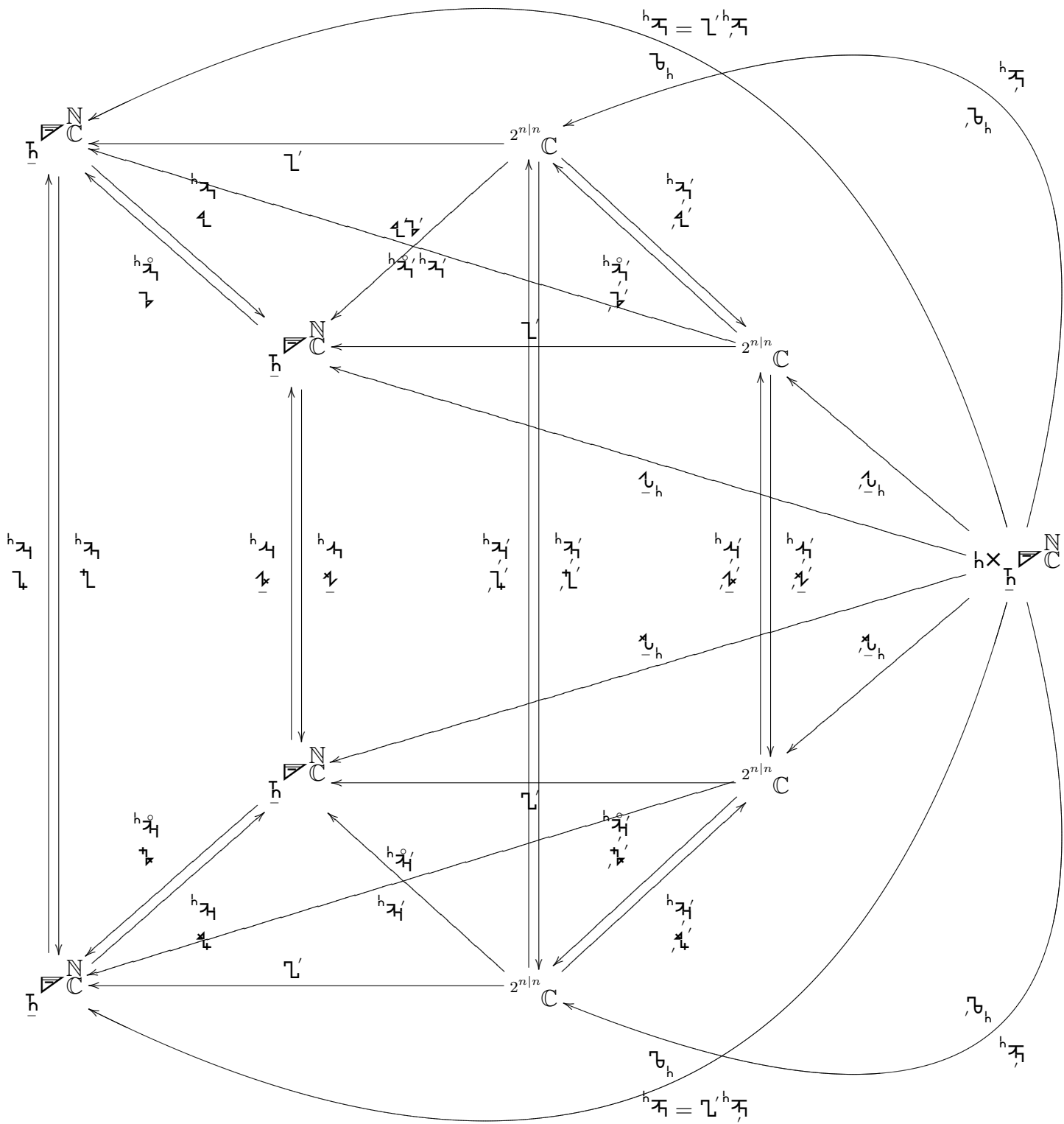


$$h \times h = \tau_h h \times \tau_h h = \underbrace{\tau_h^* h}_{\tau_h^* h} \circ \underbrace{\tau_h h}_{\tau_h h} = \underbrace{\tau_{\tau_h^* h}^* h}_{\tau_{\tau_h^* h}^* h} \circ \underbrace{\tau_{\tau_h h} h}_{\tau_{\tau_h h} h} = \underbrace{\tau_h^* h}_{\tau_h^* h} \circ \underbrace{\tau^* \circ \tau}_{\tau^* \circ \tau} \underbrace{\tau_h h}_{\tau_h h} = \underbrace{\tau_h^* h}_{\tau_h^* h} \tau_h \underbrace{\tau_h h}_{\tau_h h} = \tau_h^* h \times_h \tau_h h$$

$$\begin{cases} \tau_h^* h & = \tau_h^* \tau_h^* h = \tau_h^* \tau_h^* h \\ \tau_h h & = \tau_h \tau_h h = \tau_h \tau_h h \end{cases}$$

$$\tau_h^* h = \begin{cases} \tau_h^* \tau_h^* h \\ \tau_h \tau_h h \end{cases}$$



$$\begin{cases} \tau_h^h = \tau' \tau_h^h = \tau_h' \tau_h^h \\ \tau_h^h = \tau' \tau_h^h = \tau_h' \tau_h^h \end{cases}$$

$$\tau_h^h = \begin{cases} \tau_h' \tau_h^h \\ \tau_h' \tau_h^h \end{cases}$$

