

$$\underbrace{\mathbb{C} \triangleleft_{\mathbb{H}} \triangleleft_{\mathbb{H}} \mathbb{H}}_{\infty} \xrightarrow{\quad \mathbb{L}' \quad} \overline{\mathbb{H} \triangleleft_{\infty} \mathbb{C}}_{2^{n|n}}$$

$$\downarrow = \underbrace{\downarrow}_{\mathbb{L}'} \downarrow, \mathbb{L}$$

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$$\begin{array}{ccc} \underbrace{\mathbb{C} \triangleleft_{\mathbb{H}} \triangleleft_{\mathbb{H}} \mathbb{H}}_{\infty} & \xrightarrow{\quad \mathbb{L}' \quad} & \overline{\mathbb{H} \triangleleft_{\infty} \mathbb{C}}_{2^{n|n}} \\ \updownarrow \begin{array}{l} \mathbb{L}' \\ \mathbb{L} \end{array} & \swarrow \begin{array}{l} \mathbb{L}' \\ \mathbb{L} \end{array} & \updownarrow \begin{array}{l} \mathbb{L}' \\ \mathbb{L} \end{array} \\ \underbrace{\mathbb{C} \triangleleft_{\mathbb{H}} \triangleleft_{\mathbb{H}} \mathbb{H}}_{\infty} & \xrightarrow{\quad \mathbb{L}' \quad} & \overline{\mathbb{H} \triangleleft_{\infty} \mathbb{C}}_{2^{n|n}} \end{array}$$

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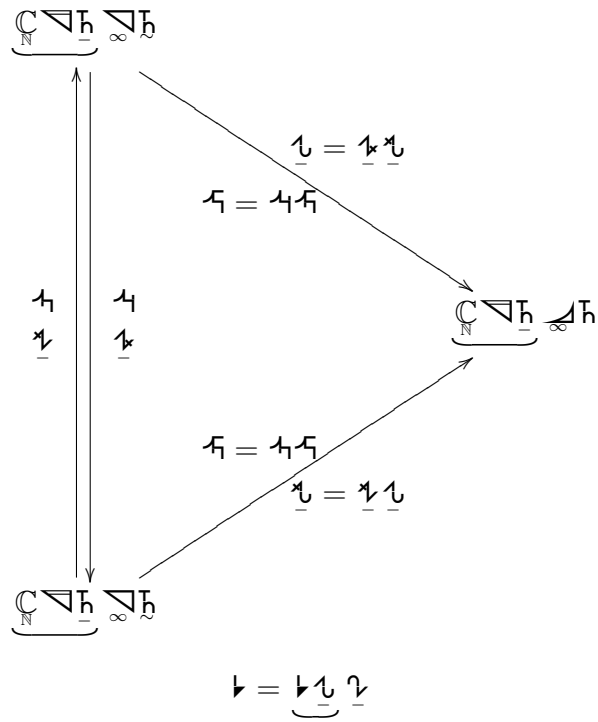
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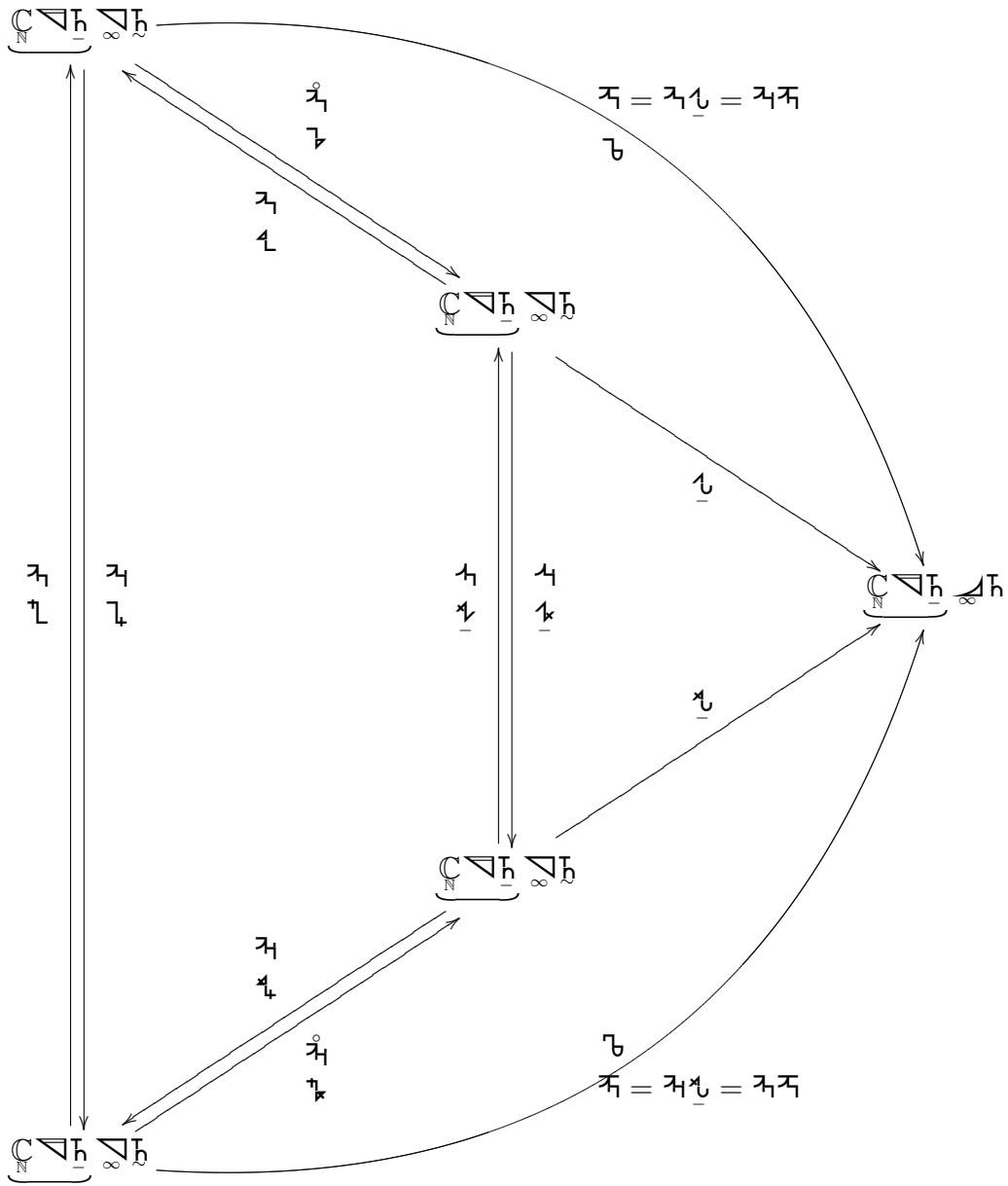
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$$\left\{ \begin{array}{l} \downarrow \mathfrak{A} = \downarrow \mathfrak{A} \downarrow \\ \downarrow \mathfrak{A} = \downarrow \mathfrak{A} \downarrow \end{array} \right.$$

