

$$\ast_z \left(\begin{smallmatrix} z \\ \downarrow \\ \downarrow \end{smallmatrix} \right) = \downarrow \vDash^z \mathbb{1}^N$$

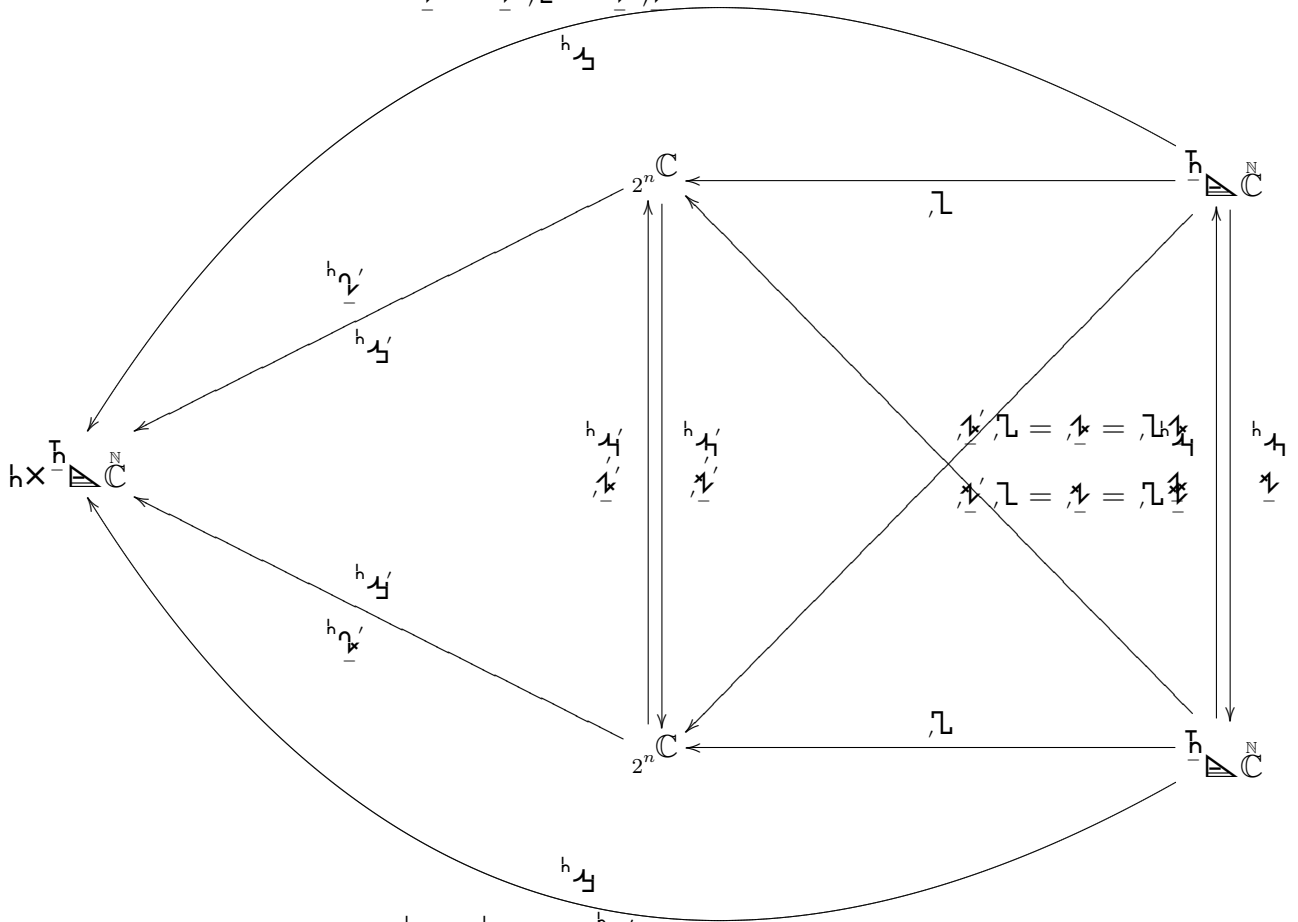
$$\ast_z^{n-m} \ast_z^m = \binom{n-m}{0} m \eta^N$$

$$\mathbb{1} \ast (\ast \mathbb{1}) = \underbrace{\mathbb{1} \ast \mathbb{1}}_z^z \mathbb{1}^N$$

$$\downarrow \vDash^z \mathbb{1}^N = \begin{smallmatrix} z \\ \downarrow \\ \downarrow \end{smallmatrix} \left(\underbrace{z \mathbb{1}^N \ast}_z \vDash^z \downarrow \right)$$

$$\ast_z \mathbb{1} = \begin{smallmatrix} z \\ \downarrow \\ \downarrow \end{smallmatrix} \left(\underbrace{z \mathbb{1}^N \ast}_z \vDash^z \mathbb{1} \right)$$

$$h_{\underline{v}} = h_{\underline{v}'} \mathbb{1} = h_{\underline{k}'} \mathbb{1}$$



$$h_{\underline{k}} = h_{\underline{k}'} \mathbb{1} = h_{\underline{v}'} \mathbb{1}$$

$$\mathbb{1} \mathbb{1} = \mathbb{1} \underbrace{h_{\underline{v}} \mathbb{1}}$$

$$h_{\underline{v}} \mathbb{1} = h_{\underline{v}'} \mathbb{1}$$

