$$ ħ\times {}^{ħ}_{-}\triangle^{-\,m} J = \bigcup_{h \in ħ} h\times {}^{ħ}_{-}\triangle^{-\,m} J $$

$$ h\times {}^{ħ}_{-}\triangle^{-\,m} J = \mathbb{C}_{m} \overline{\triangledown} ħ\times h \triangle J \ni {}_{h}\Gamma : \wedge\, b_{h} $$

$$ \underbrace{\wedge b_{h}}\, \vee\, \underbrace{\wedge b'_{h}} = b_{h} \wedge b'_{h} $$

$$ \underbrace{\wedge b_{h}}\, \vee\, {}_{h}\Gamma = \lrcorner_{h}\, {}_{h}\Gamma $$

$$ h\times {}^{ħ}_{-}\triangle^{-\,m+n} J \xrightarrow{\;\wedge\;} \underbrace{h\times {}^{ħ}_{-}\triangle^{-\,m} J} \wedge \underbrace{h\times {}^{ħ}_{-}\triangle^{-\,n} J} $$

$$ {}_{M}\lrcorner\, \underbrace{{}_{h}\Gamma \wedge {}_{h}\Gamma'} = \sum_{P \subset M} \overset{\overline{P > M \llcorner P}}{\circ}\, \underbrace{{}_{P} b_{h} \Gamma} \times \underbrace{{}_{M \llcorner P} b_{h} \Gamma'} $$

$$ ħ\times {}^{ħ}_{-}\triangle^{-\,m} J = \underbrace{ħ\times {}^{ħ}_{-}\triangle J}\triangle^{-\,m} J \ni {}_{h}\Gamma^{J} = \bigwedge_{j \in J} {}_{h}\Gamma^{j} $$

$$ \wedge\, {}_{I} b_{h} = \bigwedge_{i \in I} \left(\wedge\, {}_{i} b_{h} \right) $$

$$ {}_{I} b_{h}\, {}_{h}\Gamma^{J} = \underbrace{{}_{i} b_{hh} \Gamma^{j}} \det $$

$$ \wedge\, {}_{I} b_{h} \vee \wedge\, {}_{J} b'_{h} = {}_{I} b_{h} \vee {}_{J} b'_{h} $$

$$ m \text{ odd } \Rightarrow \overset{m}{\omega} \wedge \omega = 0 \Leftarrow \omega \wedge \omega = \circ^{m^2} \omega \wedge \omega = -\omega \wedge \omega = 0 \Leftarrow m^2 \text{ odd} $$

$$ \text{zerl } \omega = \overset{1}{\omega}_{1} \wedge \cdots \overset{1}{\omega}_{m} $$

$$ m \geqslant 1 \Rightarrow = \omega \wedge \omega = 0 \Leftarrow \omega \wedge \omega = + \overbrace{\omega_{1} \wedge \omega_{1}} \wedge \cdots \wedge \overbrace{\omega_{m} \wedge \omega_{m}} = 0 $$

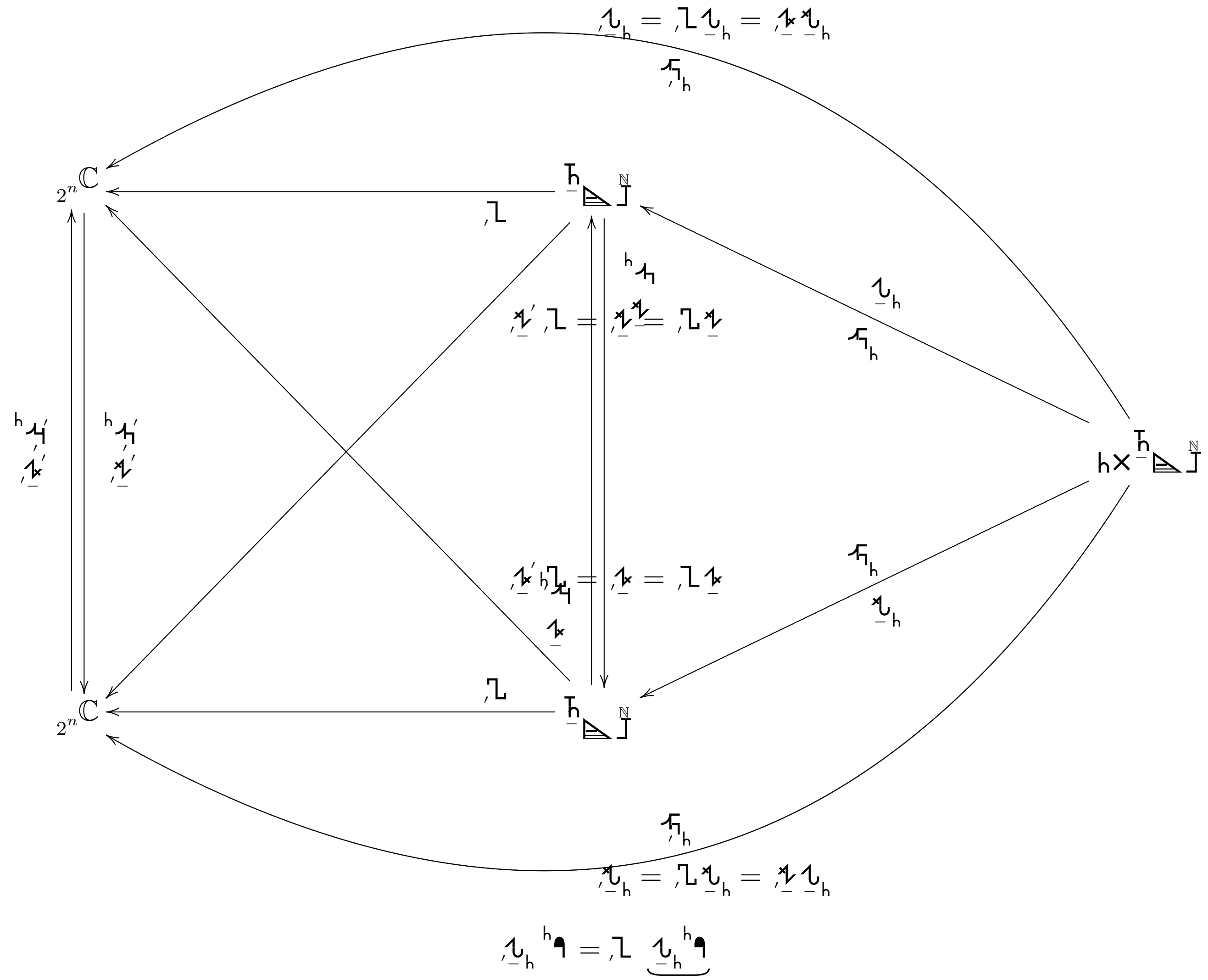
$$ \ast \left(\wedge b_{h} \right) = b_{h} \vDash {}^{h}\eta^{N} $$

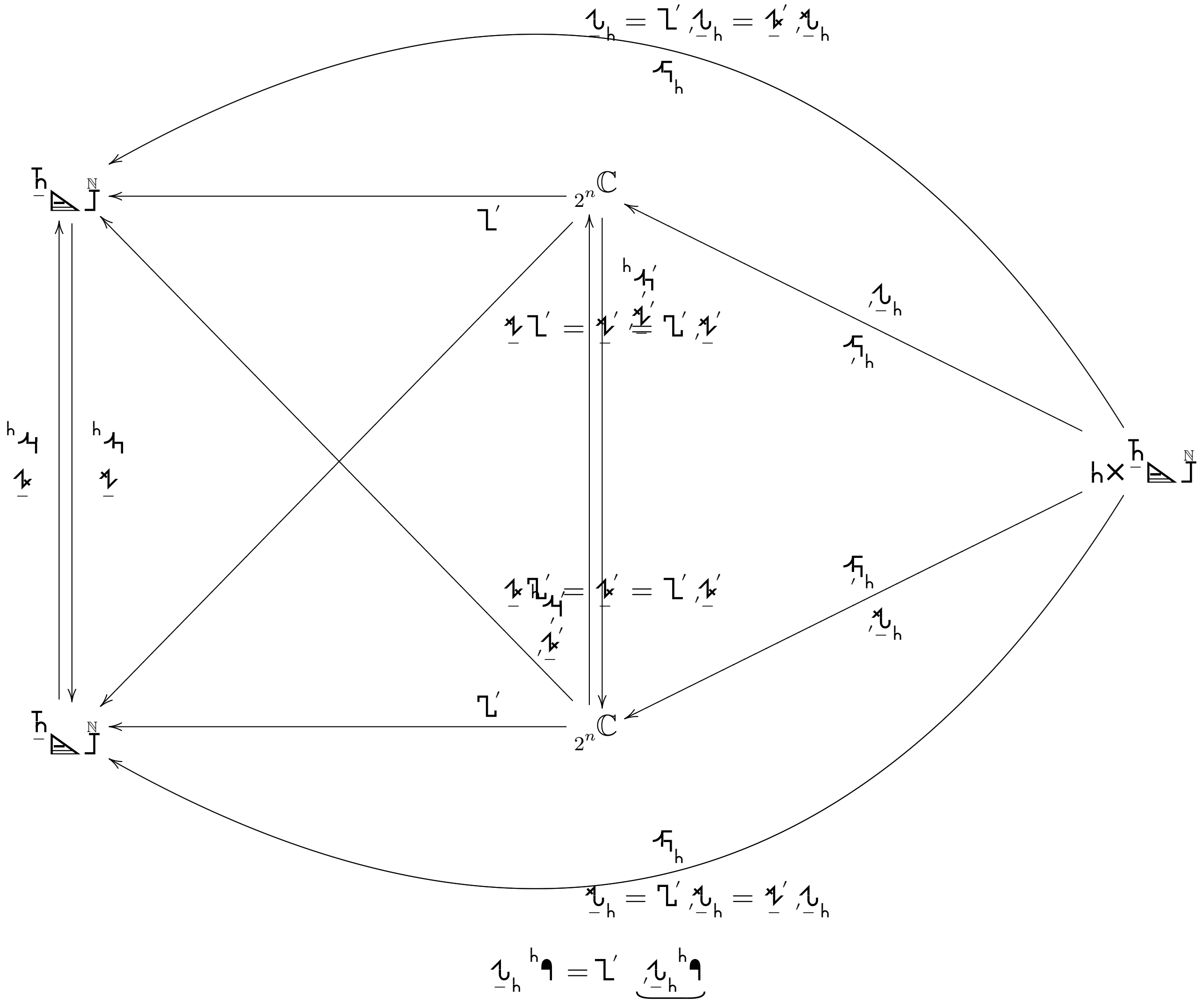
$$ \overset{n-m}{\ast}\; \overset{m}{\ast} = \overset{(n-m)\,m}{\circ}\; {}_{N}\eta^{N} $$

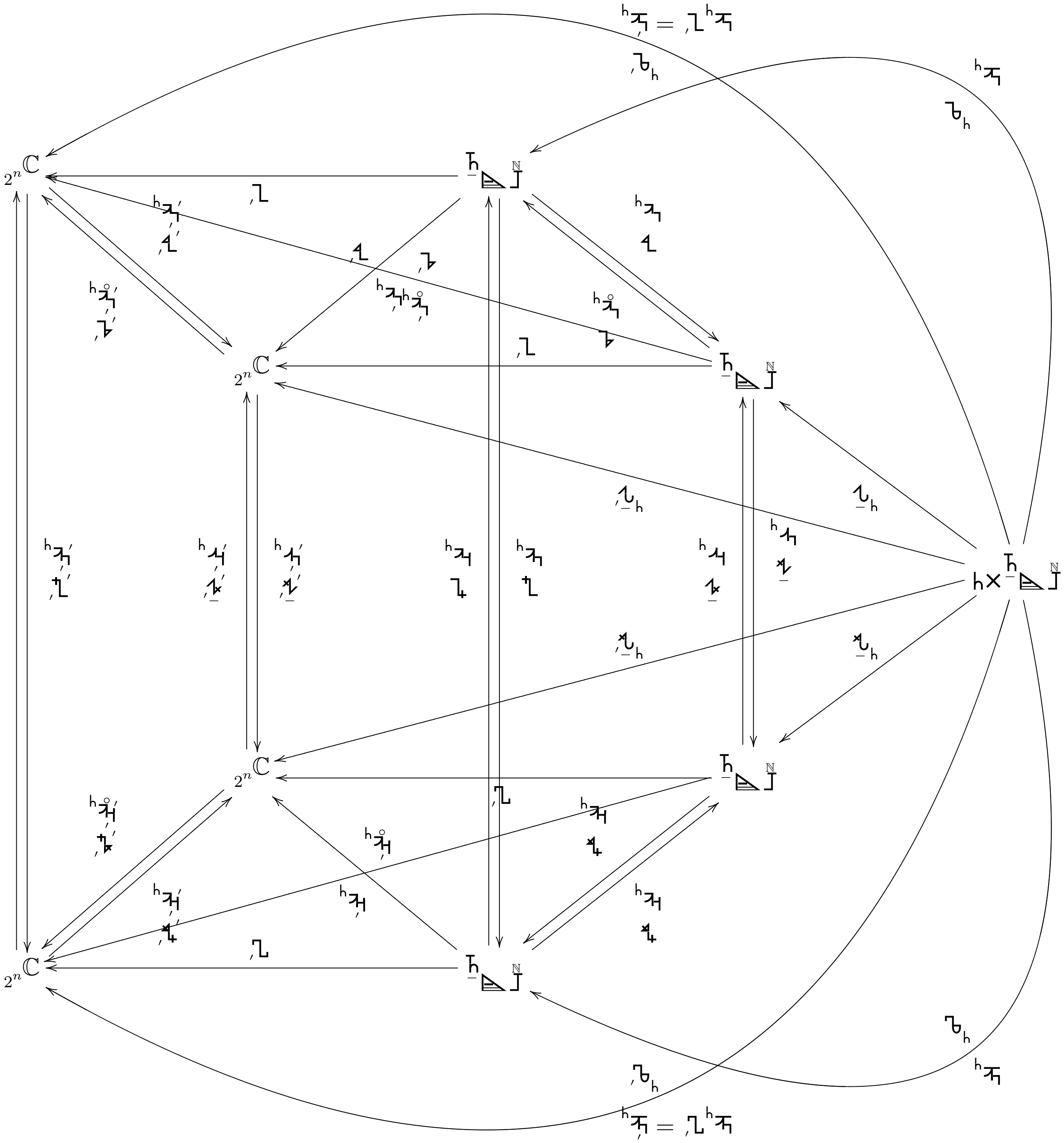
$$ {}_{h}\Gamma' \wedge \left(\ast\, {}_{h}\Gamma \right) = \underbrace{{}_{h}\Gamma \wedge {}_{h}\Gamma'}\, {}^{h}\eta^{N} $$

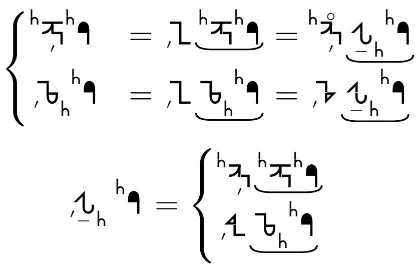
$$ b_{h} \vDash {}^{h}\eta^{N} = \wedge\, \overbrace{\underbrace{{}^{h}\eta^{N} \vee} \vDash \wedge b_{h}} $$

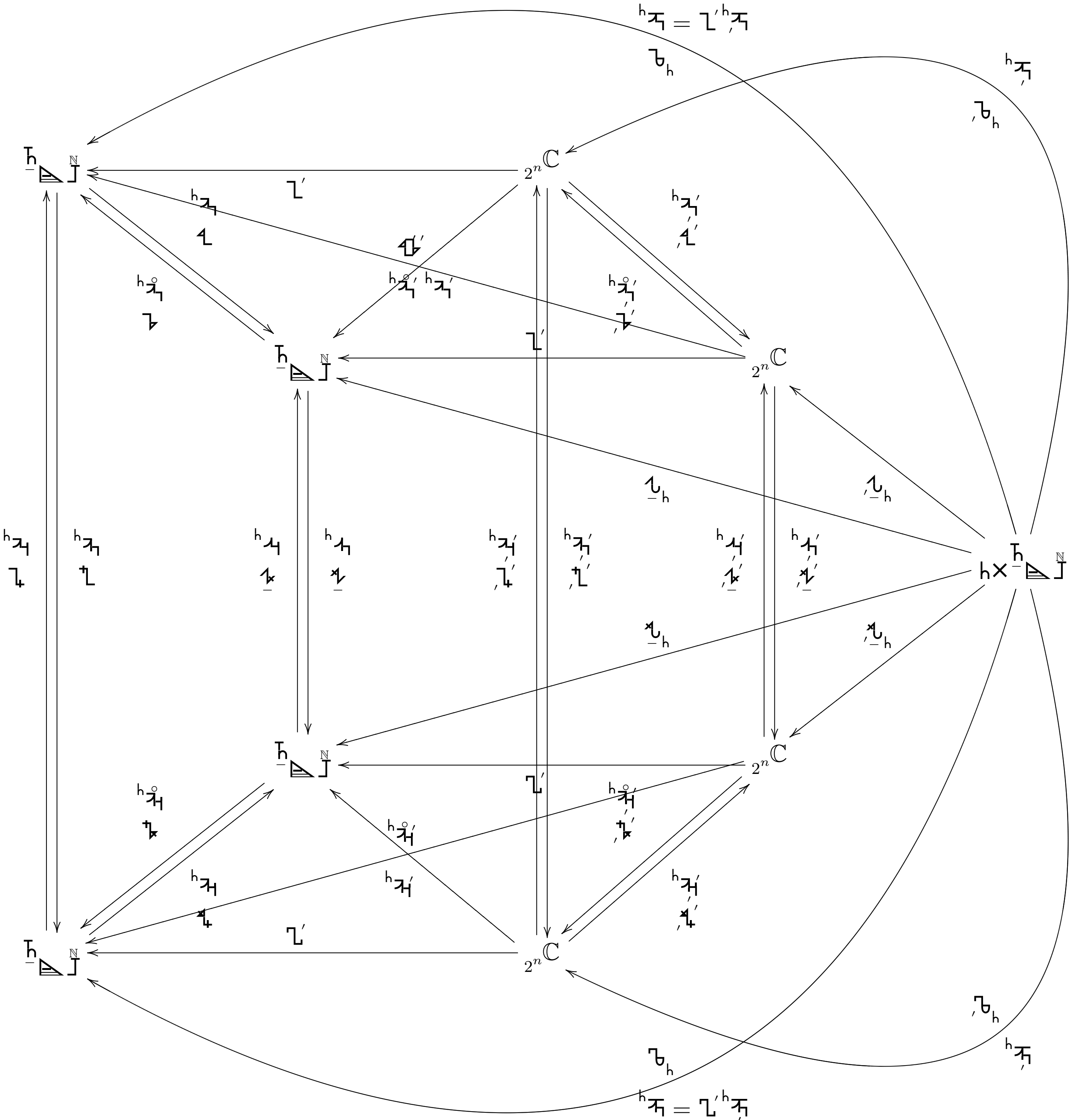
$$ \ast\, {}_{h}\Gamma = \wedge\, \overbrace{\underbrace{{}^{h}\eta^{N} \vee} \vDash {}_{h}\Gamma} $$

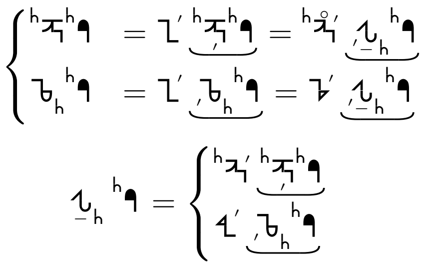


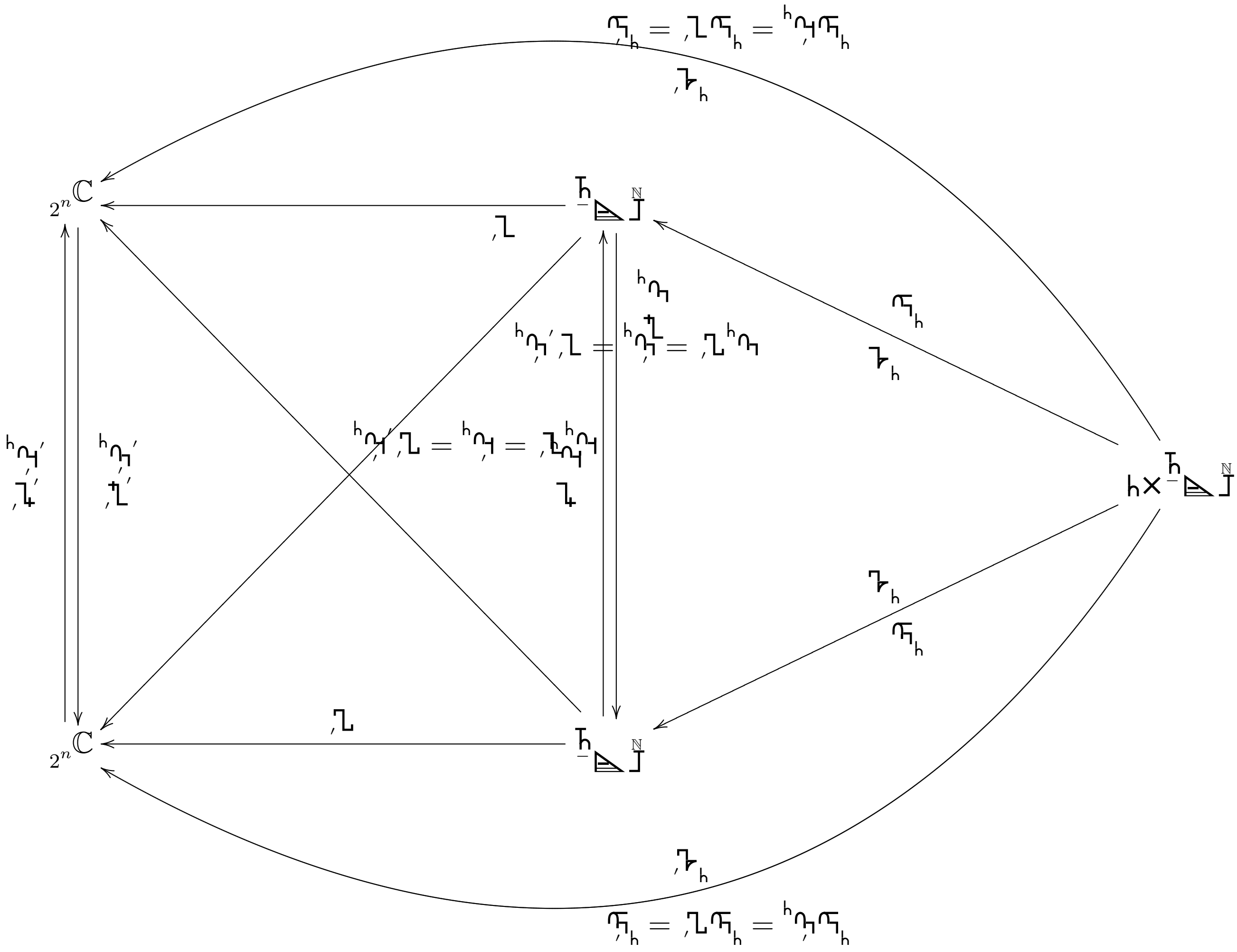












$2^n\mathbb{C}$
$2^n\mathbb{C}$