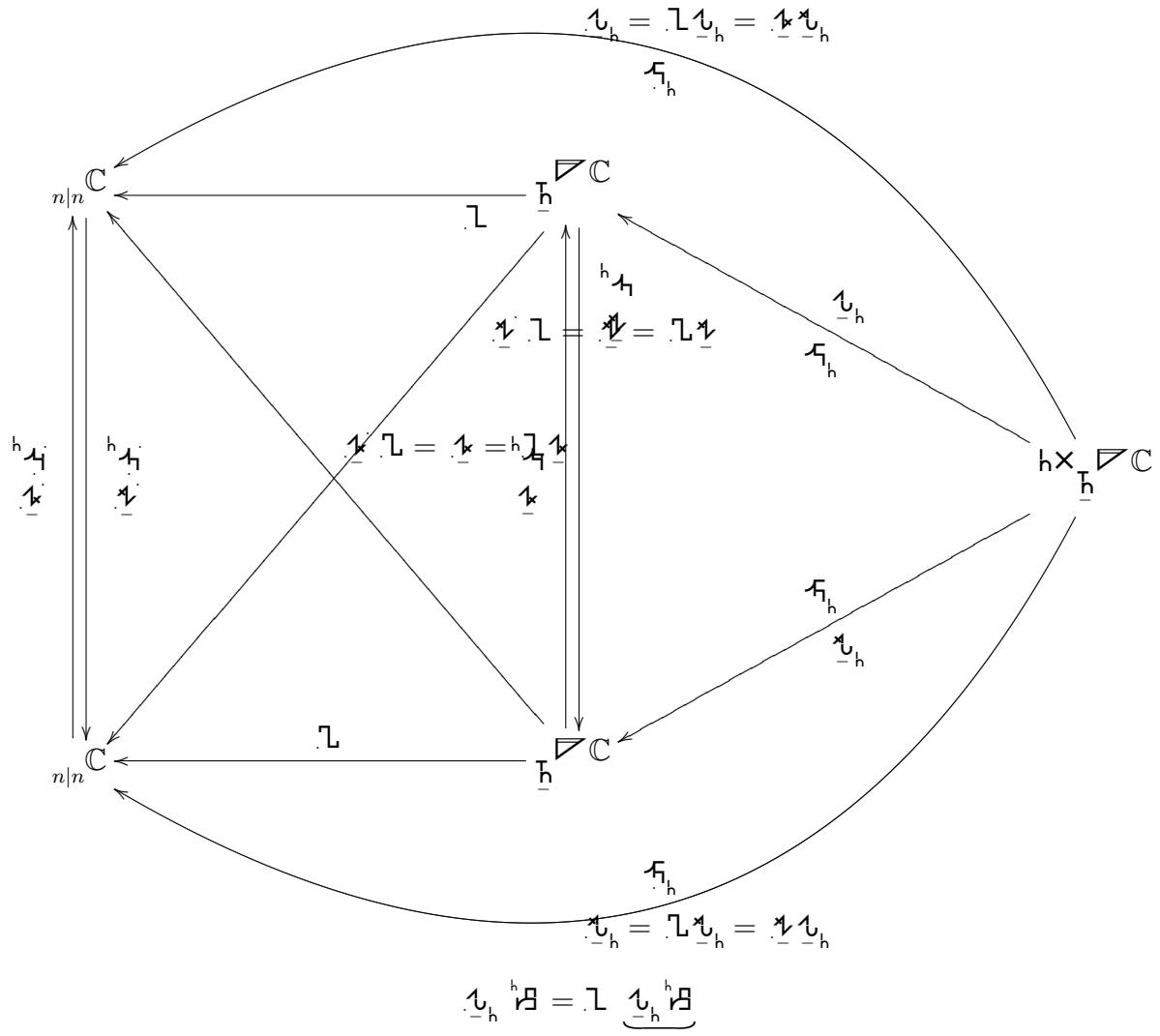
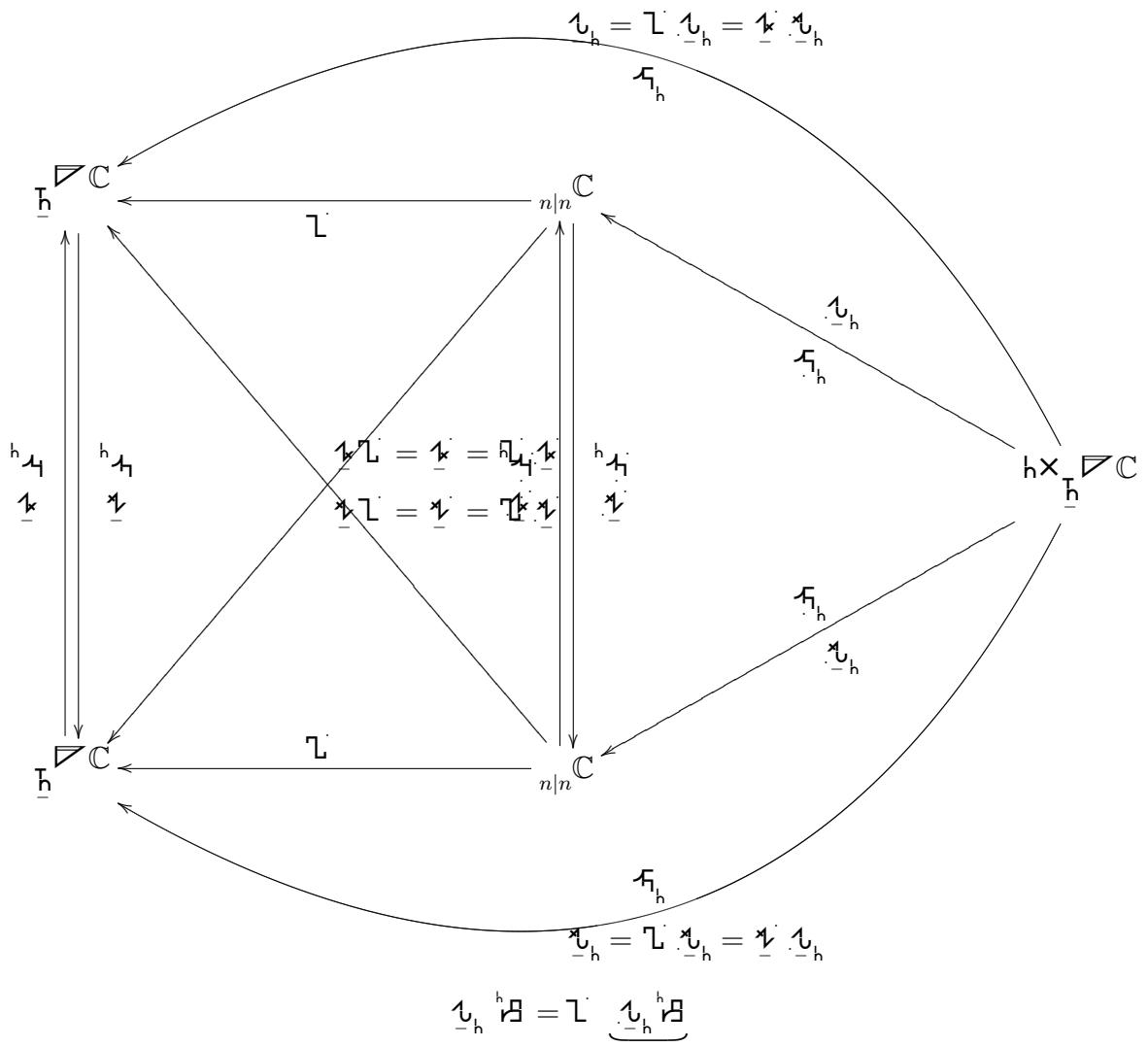
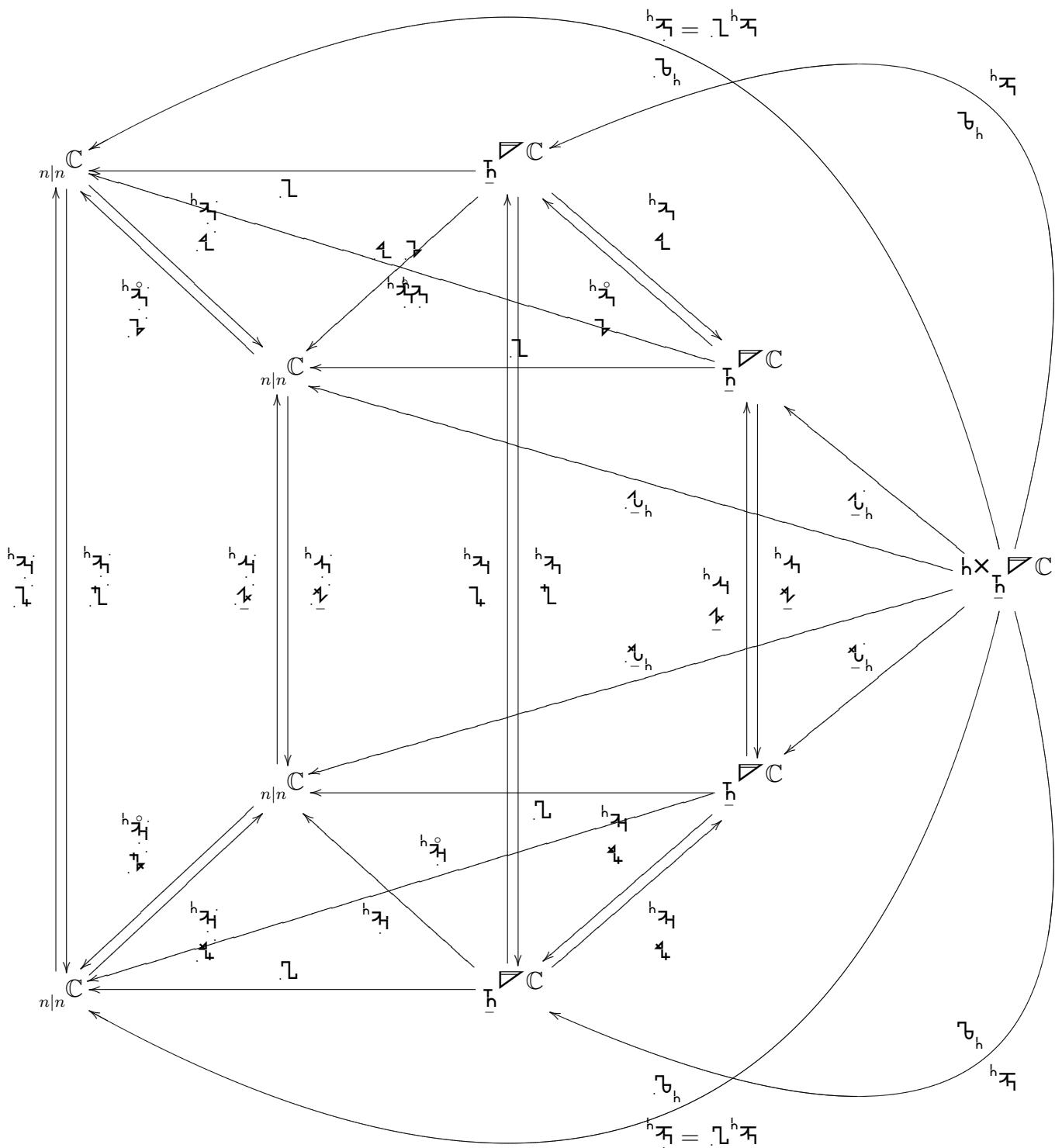


$$\text{cotangent bundle } \hbar \times_{\frac{\mathbb{C}}{\hbar}} \nabla \mathbb{C} = \bigcup_{h \in \hbar} h \times_{\frac{\mathbb{C}}{\hbar}} \nabla \mathbb{C}$$

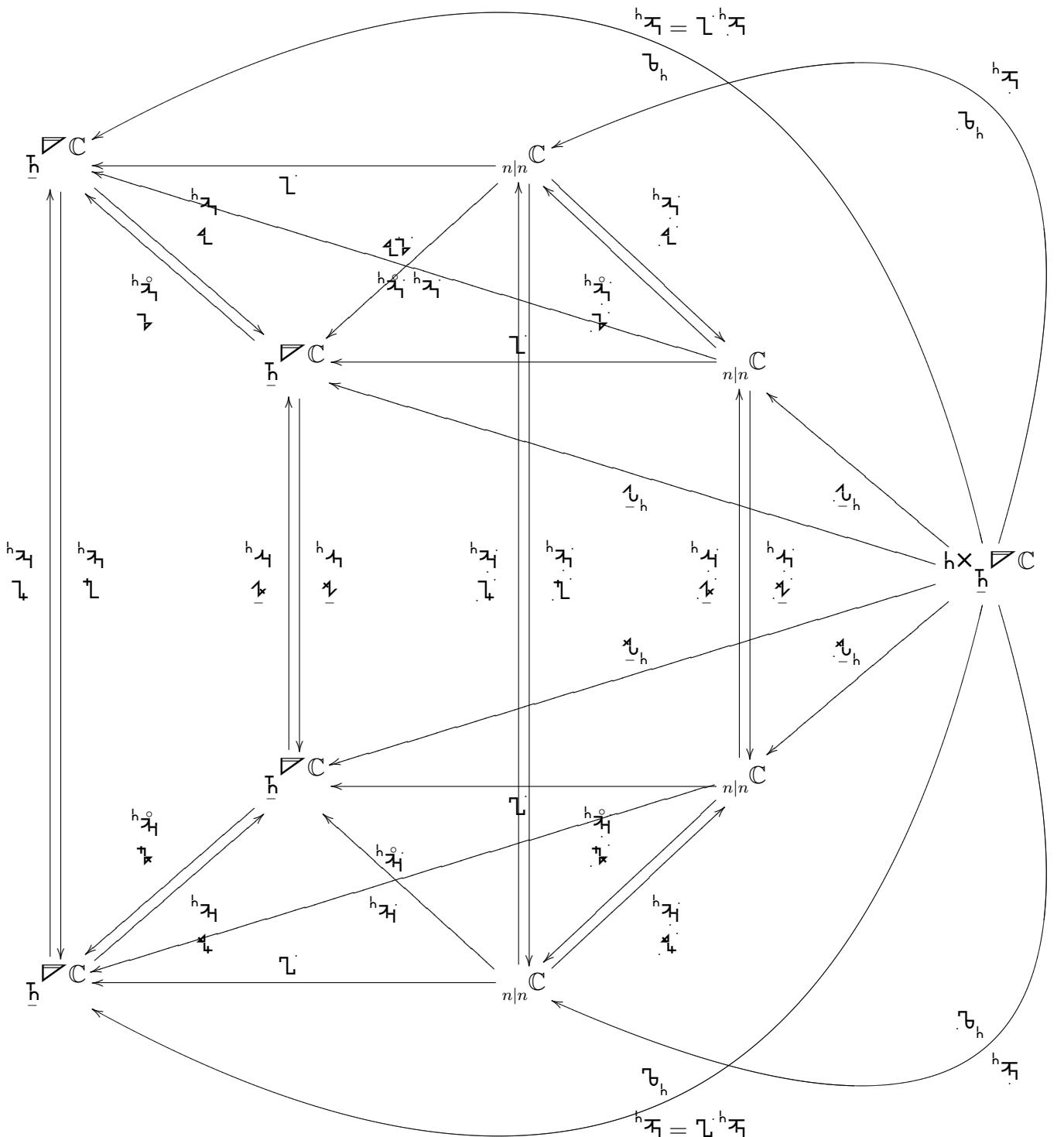
$$h \times_{\frac{h}{h}} \triangleright \mathbb{C} = \frac{h \times h}{h} \triangleleft \mathbb{K} = \left\{ \frac{r \# = \text{F} = \text{F}}{\text{lin}} \mathbb{K} \right\}$$







$$\begin{aligned} \left\{ \begin{array}{l} {}^h\mathfrak{I}^h = \underbrace{\mathcal{L}^h\mathfrak{I}^h}_{\mathcal{L}^h} = {}^h\mathfrak{I}^h \\ {}^h\mathfrak{A}^h = \underbrace{\mathcal{L}^h\mathfrak{A}^h}_{\mathcal{L}^h} = {}^h\mathfrak{A}^h \end{array} \right. \\ \mathcal{L}_h^h = \left\{ \begin{array}{l} {}^h\mathfrak{I}^h \\ \underbrace{\mathcal{L}^h\mathfrak{A}^h}_{\mathcal{L}^h} \end{array} \right. \end{aligned}$$



$$\begin{aligned}
 & \text{Bottom row: } \overset{h}{\mathcal{L}} \otimes \overset{h}{\mathcal{L}} = \underbrace{\overset{h}{\mathcal{L}}}_{\mathcal{B}_h} \times \underbrace{\overset{h}{\mathcal{L}}}_{\mathcal{B}_h} = \overbrace{\mathcal{B}_h^* \mathcal{B}_h}^{\mathcal{B}_h^*} \otimes \underbrace{\mathcal{B}_h^* \mathcal{B}_h}_{\mathcal{B}_h^*} = \mathcal{B}_h^* \mathcal{B}_h \otimes \mathcal{B}_h^* \mathcal{B}_h
 \end{aligned}$$

$$\left\{ \begin{array}{l} h \text{ } \overline{\text{}} \text{ } \overline{\text{}} \\ h \text{ } \overline{\text{}} \text{ } \overline{\text{}} \end{array} \right. = \underbrace{L}_{h} \cdot \left\{ \begin{array}{l} h \text{ } \overline{\text{}} \text{ } \overline{\text{}} \\ h \text{ } \overline{\text{}} \text{ } \overline{\text{}} \end{array} \right. = \underbrace{h}_{-h} \cdot \left\{ \begin{array}{l} h \text{ } \overline{\text{}} \text{ } \overline{\text{}} \\ h \text{ } \overline{\text{}} \text{ } \overline{\text{}} \end{array} \right.$$

$$\underline{\mathbf{L}}_h^h \underline{\mathbf{R}} = \begin{cases} {}^h\underline{\mathbf{L}} & {}^h\underline{\mathbf{R}} \\ \underline{\mathbf{L}} & \underline{\mathbf{R}}_h \end{cases}$$

