$$\circ \subset \odot \subset \underset{\text{simple}}{\bullet} \subset {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} = \frac{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{{}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} | \mathsf{1} = 0} \subset {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \text{ pos}$$

$${}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} = \frac{\flat \in {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\flat | \odot = 0} = \begin{cases} {}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} & = \dfrac{\flat \in {}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}}{\flat | \odot = 0} \\ {}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} & \end{cases}$$

$${}^{\gtrless}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} = {}^{\lessgtr}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} = \frac{{}^{\pm\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}}} = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} = {}^{<}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} & = \dfrac{{}^{-\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}}} \\ {}^{<}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} = {}^{>}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}} & = \dfrac{{}^{\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{L}}^{\mathbb{C}}} \end{cases}$$

$${}^{\gtrless}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} = \frac{{}^{\pm\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} & = \dfrac{{}^{-\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} \\ {}^{>}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} & = \dfrac{{}^{\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} \end{cases}$$

$${}^{\gtrless}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} = \frac{{}^{\pm\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \dfrac{{}^{-\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} \\ {}^{>}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \dfrac{{}^{\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} \end{cases}$$

$${}^{\gtrless}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} = \frac{{}^{\pm\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \not\ni \mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} & = \dfrac{{}^{-\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \not\ni \mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} \\ {}^{>}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} & = \dfrac{{}^{\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \not\ni \mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} \end{cases}$$

$${}^{\gtrless}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} = \frac{{}^{\pm\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \not\ni \mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \dfrac{{}^{-\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \not\ni \mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} \\ {}^{>}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \dfrac{{}^{\mathsf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \not\ni \mathsf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} \end{cases}$$

$$
{}^{\bowtie}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \frac{{}^{\pm\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} = \begin{cases} {}^{\triangleleft}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} & = \dfrac{{}^{-\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \\ {}^{\triangleright}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} & = \dfrac{{}^{\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \end{cases}
$$

$$
\underline{\mathbb{h}}^{\mathbb{C}} = \begin{cases} \underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \begin{cases} {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \\ {}^{\bowtie}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \dfrac{{}^{\pm\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \end{cases} \\ {}^{\gtrless}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \dfrac{{}^{\pm\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\not\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}} = \begin{cases} {}^{\gtrless}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \dfrac{{}^{\pm\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\not\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \\ {}^{\gtrless}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\perp\!\!\perp} = {}^{\gtrless}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\perp\!\!\perp} = \dfrac{{}^{\pm\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{\mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\perp\!\!\perp}} \end{cases} \end{cases}
$$

$$
{}^{=}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \begin{cases} {}^{=}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = {}^{=}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} \blacktriangleleft {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} & = \begin{cases} {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} \\ {}^{0}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \dfrac{{}^{\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \end{cases} \\ {}^{\neq}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} & = \dfrac{{}^{\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\not\ni \mathbf{1} \in {}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \end{cases}
$$

$$
\underline{\mathbb{h}}^{\mathbb{C}} = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \begin{cases} {}^{<}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \\ {}^{0<}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \dfrac{{}^{-\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \end{cases} \\ {}^{=}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \\ {}^{>}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} & = \begin{cases} {}^{>}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \\ {}^{0>}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}} = \dfrac{{}^{\mathbf{1}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot>\ni \mathbf{1} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\mathbb{T}}} \end{cases} \end{cases} = \begin{cases} {}^{\lessdot}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \\ {}^{>}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \end{cases}
$$

$$
{}^{=}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\perp\!\!\perp} = \underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\perp\!\!\perp}
$$

$$
{}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\models} = \underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft_{1} {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}_{\perp\!\!\perp}
$$

$$
{}^{=}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}} = \underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}
$$

$$\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} = \begin{cases} {}^{\leqslant}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} \\ {}^{0\geq}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} = \dfrac{{}^{\text{⁊}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \ni \text{⁊} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}} \end{cases} \qquad \frac{\mathbb{C}}{\text{bolic}} \begin{cases} {}^{0\leq}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} \\ {}^{=}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} \end{cases} = \frac{{}^{-\text{⁊}}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}}{<\odot> \ni \text{⁊} \in {}^{\ddagger}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}}}$$

$${}^{\geq}_{\circ}\underline{\mathbb{h}}_{\mathbb{T}}^{\mathbb{C}} = \frac{{}^{\circ}\underline{\mathbb{h}}_{\text{⁊}}^{\mathbb{C}}}{{}^{\circ}_{>}\underline{\bar{\mathbb{h}}}_{\mathbb{T}} \ni \text{⁊} \notin <\odot>}$$

$${}^{\leqslant}_{\circ}\underline{\mathbb{h}}_{\models}^{\mathbb{C}} = {}^{\odot}\underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft_{1} {}_{\circ}\underline{\mathbb{h}}_{\perp}^{\mathbb{C}}$$

$${}_{\circ}\underline{\mathbb{h}}_{\models}^{\mathbb{C}} = {}^{\circ}\underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft_{1} {}_{\circ}\underline{\mathbb{h}}_{\perp}^{\mathbb{C}}$$

$${}_{\circ}\underline{\mathbb{h}}_{\models}^{\mathbb{C}} = \underline{\mathbb{h}}^{\mathbb{C}} \blacktriangleleft_{1} {}_{\circ}\underline{\mathbb{h}}^{\mathbb{C}}$$