

$$\mathfrak{h}_{\infty} \underbrace{\mathfrak{h}_{\blacktriangle} \mathbb{L} \sqcap \tilde{\mathbb{C}} | \mathbb{L}} = \mathfrak{h}_{\infty} \mathbb{R}^0 \ni \mathbb{A} \text{ orient}$$

$$\mathbb{C} | \mathbb{L} \times \mathfrak{h}_{\tilde{\mathbb{C}} | \mathbb{L}} \mathfrak{h}_{\infty} \underbrace{\mathfrak{h}_{\blacktriangle} \mathbb{L} \sqcap \tilde{\mathbb{C}} | \mathbb{L}} = \frac{\tilde{\mathfrak{q}} \in \mathbb{C} | \mathbb{L} \times \mathfrak{h}_{\infty} \underbrace{\mathfrak{h}_{\blacktriangle} \mathbb{L} \sqcap \tilde{\mathbb{C}} | \mathbb{L}}}{pg\tilde{\mathfrak{q}} = g^{-1p}\tilde{\mathfrak{q}} \text{ homog}}$$

$$\mathbb{C} | \mathbb{L} \times \mathfrak{h}_{\tilde{\mathbb{C}} | \mathbb{L}} \mathfrak{h}_{\infty} \mathbb{R}^0 = \frac{\tilde{\mathfrak{q}} \in \mathbb{C} | \mathbb{L} \times \mathfrak{h}_{\infty} \mathbb{R}^0}{pg\tilde{\mathfrak{q}} = g^{-1p}\tilde{\mathfrak{q}} \text{ homog}}$$

$$\mathfrak{h}_{\infty} \mathbb{R}^0 = \mathfrak{h}_{\blacktriangle} \mathbb{L} \sqcap \tilde{\mathbb{C}} | \mathbb{L}$$

$$\begin{array}{c} \updownarrow \\ a \quad b \end{array}$$

$$\mathbb{C} | \mathbb{L} \times \mathfrak{h}_{\tilde{\mathbb{C}} | \mathbb{L}} \mathfrak{h}_{\infty} \mathbb{R}^0 = \mathfrak{h}_{\blacktriangle} \mathbb{L} \sqcap \tilde{\mathbb{C}} | \mathbb{L}$$