

$$\mathbb{C}_{\omega} \nabla \mathfrak{h} = \frac{\mathfrak{v} = \sum_i \mathfrak{v}^i \partial_i}{\mathfrak{v}^i \in \mathfrak{h}_{\Delta_{\omega}} \mathbb{C}}$$

$$\mathfrak{v}:\mathfrak{v}' \in \mathbb{C}_{\omega} \nabla \mathfrak{h} \times \mathbb{C}_{\omega} \nabla \mathfrak{h} \overset{\times}{\rightarrow} \mathbb{C}_{\omega} \nabla \mathfrak{h} \ni \mathfrak{v} \times \mathfrak{v}'$$

$$\overline{\sum_i \mathfrak{v}^i \partial_i} \times \overline{\sum_j \mathfrak{v}'^j \partial_j} = \overline{\sum_i \mathfrak{v}^i \partial_i} \overline{\sum_j \mathfrak{v}'^j \partial_j} - \overline{\sum_i \mathfrak{v}'^i \partial_i} \overline{\sum_j \mathfrak{v}^j \partial_j} = \sum_j \overline{\sum_i \mathfrak{v}^i \partial_i \mathfrak{v}'^j - \mathfrak{v}'^i \partial_i \mathfrak{v}^j} \partial_j$$

$$\overline{\mathfrak{v} \times \mathfrak{v}'}^j = \mathfrak{v}^i \partial_i \mathfrak{v}'^j - \mathfrak{v}'^i \partial_i \mathfrak{v}^j = \mathfrak{v}^i_{i} \partial \mathfrak{v}'^j - \mathfrak{v}'^i_{i} \partial \mathfrak{v}^j \in \mathfrak{h}_{\Delta_{\omega}} \mathbb{C}$$

$$\mathfrak{h}_0 \in \mathfrak{h} \Rightarrow \bigvee \mathfrak{h}_0 \times (-r|r) \overset{g}{\rightarrow} \mathfrak{h}^z g_t = \overline{{}^z \exp(t \mathfrak{v})}$$