

$$\mathbb{H} \times_{\mathbb{H}} \mathbb{C}^+ \cong \mathbb{H}$$

$$\mathbb{H} \times \left\{ \begin{array}{l} \mathbb{H}^{\#} \mathbb{C}^+ \\ \mathbb{H} \mathbb{C}^+ \end{array} \right\} \cong \mathbb{H}$$

$$\mathbb{H}^{\#} \mathbb{C}^+ = \mathbb{H}^{\#} \mathbb{C}^+ = \mathbb{H}^{\#} \mathbb{H}^{\#} \mathbb{C}^+$$



