

$$\begin{array}{ccc} \mathbb{C} \otimes \mathbb{H} & \xrightarrow{\quad} & \mathbb{U} | \mathbb{1} \\ & \text{hom} & \\ \mathbb{C} \otimes \mathbb{H} \otimes \mathbb{1} & \rightarrow & \mathbb{1} \end{array}$$