

$$\begin{array}{c}
\mathfrak{h}:\mathcal{U}_{\omega}^{+1} \mathbb{C} \\
\downarrow \iota \\
\mathfrak{h}:\mathcal{U}_{\omega}^{+1} \mathbb{C} \\
\downarrow \mathcal{J} \\
\mathfrak{h}:\mathcal{U}_{\omega}^{+1} \mathbb{C} = \mathfrak{h}:\mathcal{U}_{\omega}^{+1} \mathbb{C} \sqcup \mathfrak{h}:\mathcal{U}_{\omega}^{+1} \mathbb{C} \\
\text{genus } g \text{ Curve} \Rightarrow \mathfrak{h}:\mathcal{U}_{\omega}^{+1} \mathbb{C} = \mathfrak{h} \mathfrak{h}^{-1} \mathfrak{h}^{01} \mathbb{C} = {}_g\mathbb{C} \dim = g
\end{array}$$