

$$\begin{array}{c}
 \mathbb{L}_{\mathbb{R}}^2 \tilde{\mathbb{C}} \times \overbrace{\mathbb{L}_{\mathbb{R}}^2 \tilde{\mathbb{C}}}^{\#} \\
 \downarrow \text{Symb}^\gamma \quad \mathbb{L}_{\mathbb{R}}^2 \\
 \mathbb{L} \otimes_{\mathbb{R}} \mathbb{Z}_{\infty}^2 \mathbb{C}
 \end{array}$$