

$$\mathbb{C} \overline{\mathbb{T}}^d \subset \mathbb{C} \overline{\mathbb{T}}^d \subset \mathbb{C} \overline{\mathbb{T}}^d$$

$$\mathbb{C} \overline{\mathbb{T}}^d = C^* \frac{\ell_{\# \varphi \# \chi}}{\varphi \in \mathbb{C} \overline{\mathbb{T}}^d \mathbb{Z}}$$

$$\overline{\ell_{\# \varphi \# \chi}} = \int_{ds}^{\mathbb{T}^d} \varphi^s E^{\bar{s}t} h$$