$$M = S \times 0|1$$

$$\partial M = S \times 01 = S_0 \cup S_1$$

$$L^2 \left(\mathcal{F}^{\partial M}\right) = L^2 \left(\mathcal{F}^{S \times 1}\right) \boxtimes L^2 \left(\mathcal{F}^{\bar{S} \times 0}\right) = L^2 \left(\mathcal{F}^{S}\right) \boxtimes \bar{L}^2 \left(\mathcal{F}^{S}\right) = \text{End } L^2 \left(\mathcal{F}^{S}\right)$$

$$L^2 \left(\mathcal{F}^{S_0}\right) \xleftarrow[\text{dyn}]{{}_sU^t} L^2 \left(\mathcal{F}^{S_1}\right)$$

$${}_rU^s \, {}_sU^t = {}_rU^t$$

$${}^{\varphi_0}\overline{{}_sU^t \eta} = \int\limits_{\varphi_0} {}^{\varphi_0}_{s}U^t_{\varphi_1} \, {}^{\varphi_1}\eta$$

$${}^{\varphi_0}_{s}U^t_{\varphi_1} = {}_{\varphi_0 : \varphi_1}U^{S \times 01} = \int\limits_{\Phi|_{S_i} = \varphi_i}^{\mathcal{F}^{S \times 0|1}} \mathcal{D}\Phi \exp\left(-\frac{2\pi i}{h}\mathcal{L}(\Phi)\right) = \int\limits_{\Phi|_{S_i} = \varphi_i}^{\mathcal{F}^{S \times 0|1}} d\mathcal{W}(\Phi) \exp\left(-\frac{2\pi i}{h}\mathcal{V}(\Phi)\right)$$

$${}_sU^t = \int\limits_{dT}^{|T| = t - s} U^T$$

$$\int\limits_{dt}^{\mathbb{R}^+} \mathfrak{e}^{-t\mathcal{H}} = \frac{\mathfrak{e}^{-t\mathcal{H}}}{-\mathcal{H}}\Big|_0^\infty = \mathcal{H}^{-1}$$

$$\mathcal{H}^{-1} = \int\limits_{dt}^{\mathbb{R}^+} \mathfrak{e}^{-t\mathcal{H}} = \int\limits_{dt}^{\mathbb{R}^+} \int\limits_{dT}^{|T| = t - s} U^T = \int\limits_{dT} U^T$$