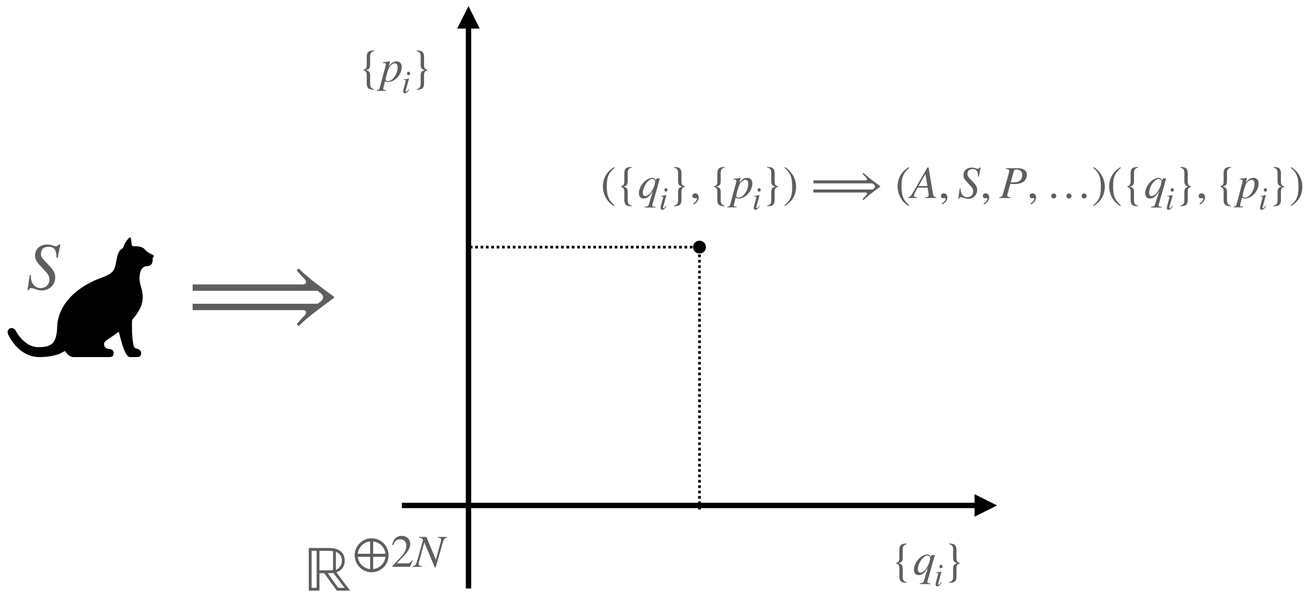
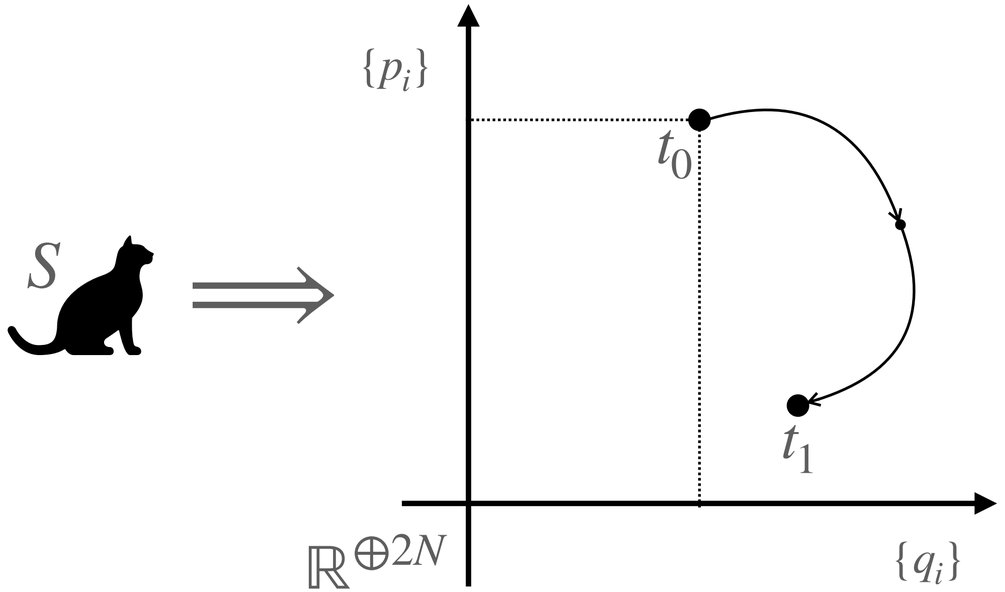
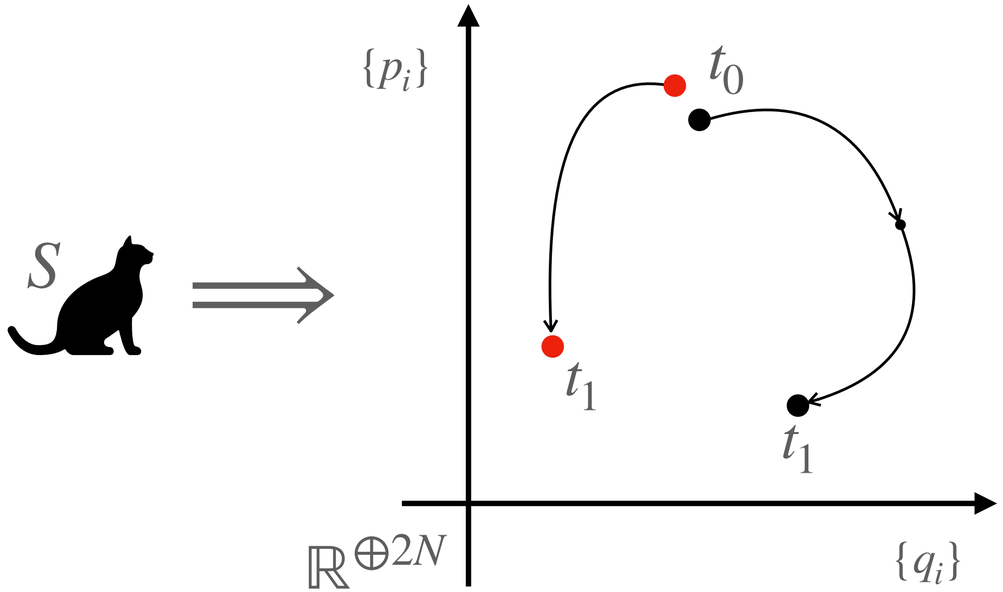

S
$\{p_i\}$
$(\{q_i\},\{p_i\}) \Longrightarrow (A,S,P,\ldots)(\{q_i\},\{p_i\})$
$\mathbb{R}^{\oplus 2N}$
$\{q_i\}$

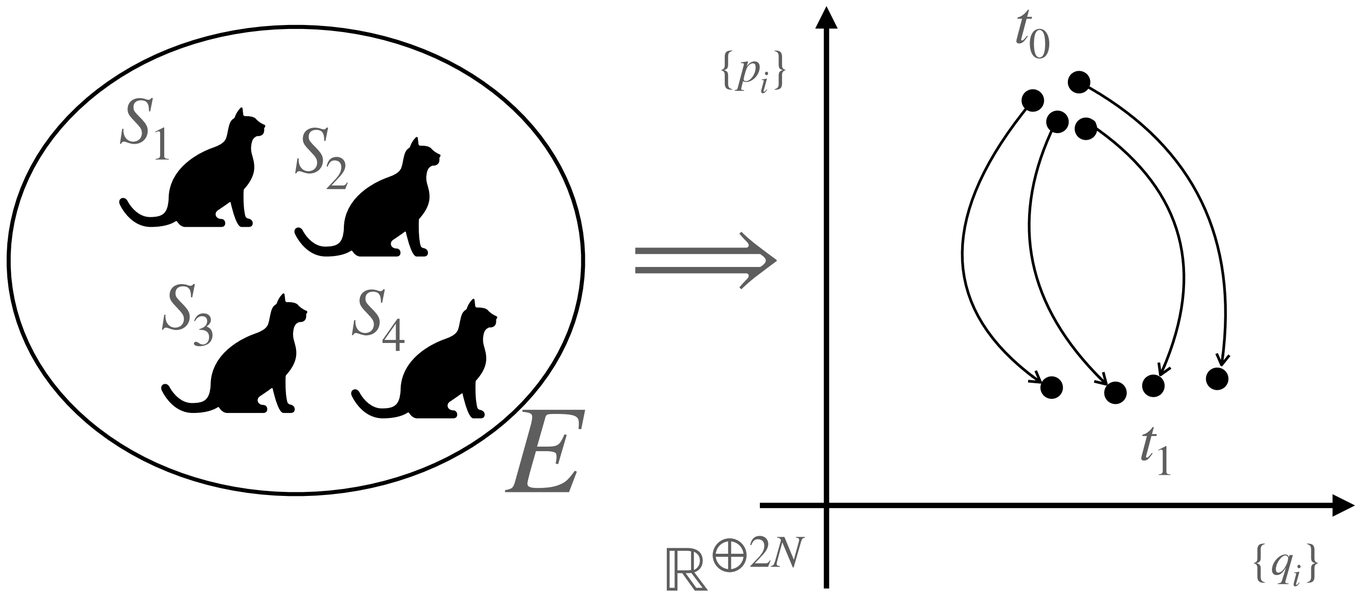
$$(\{q_i(t)\}, \{p_i(t)\}) \Longrightarrow (A, S, P, \ldots)(\{q_i(t)\}, \{p_i(t)\}, t)$$

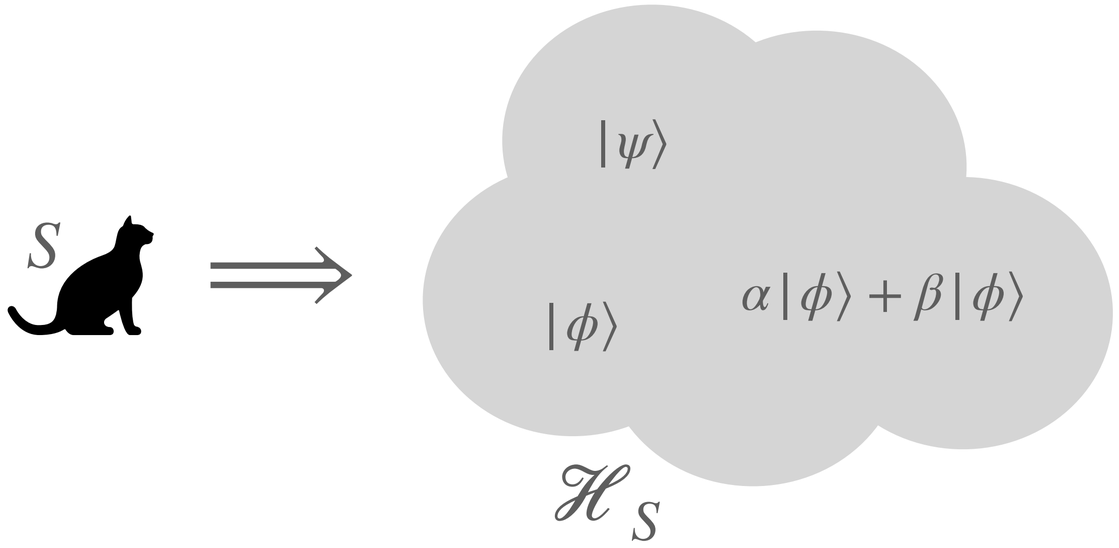


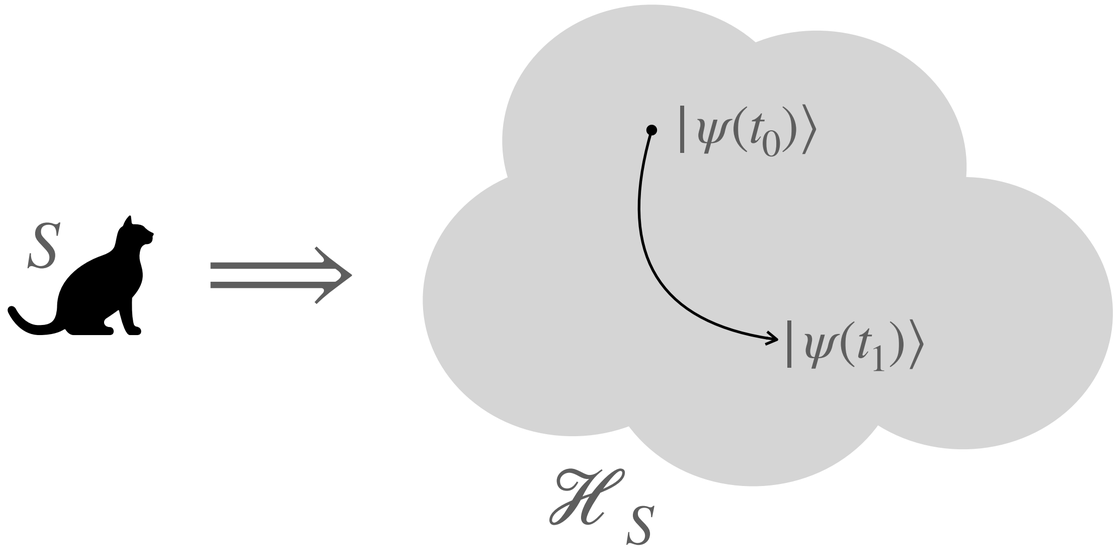
$$(\{q_i(t)\}, \{p_i(t)\}) \Longrightarrow (A, S, P, \ldots)(\{q_i(t)\}, \{p_i(t)\}, t)$$

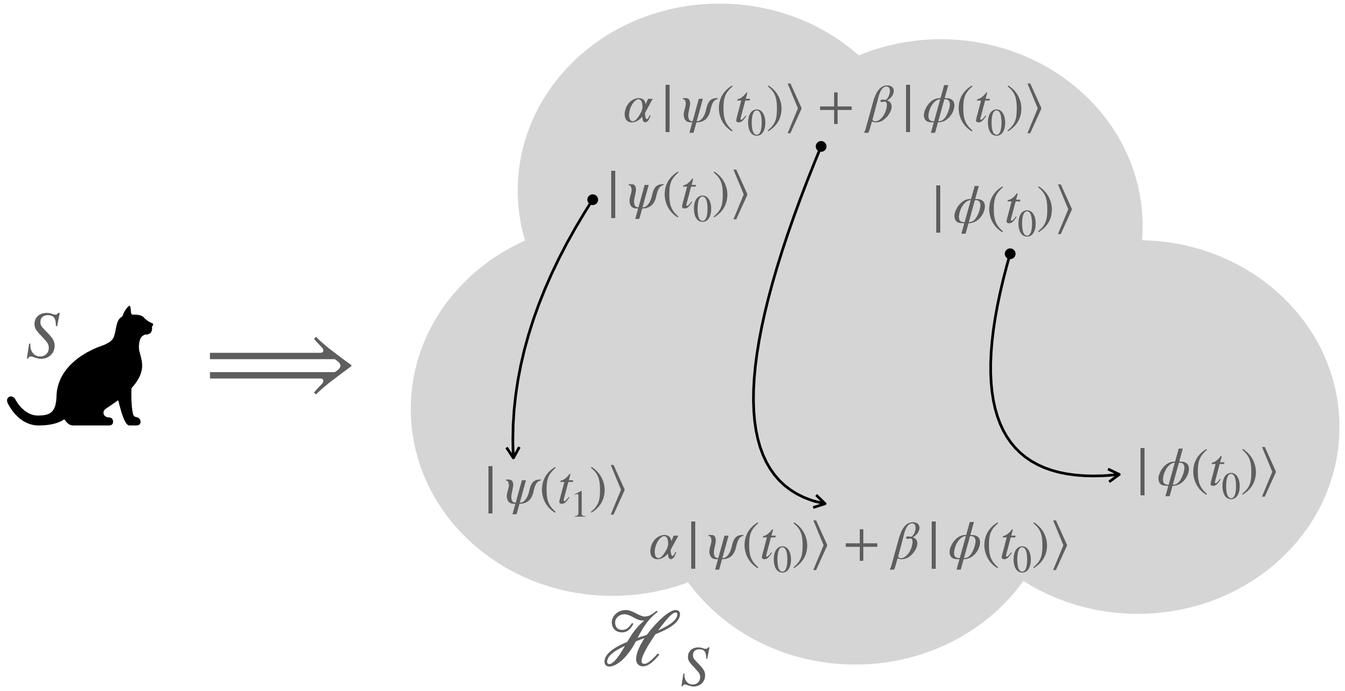


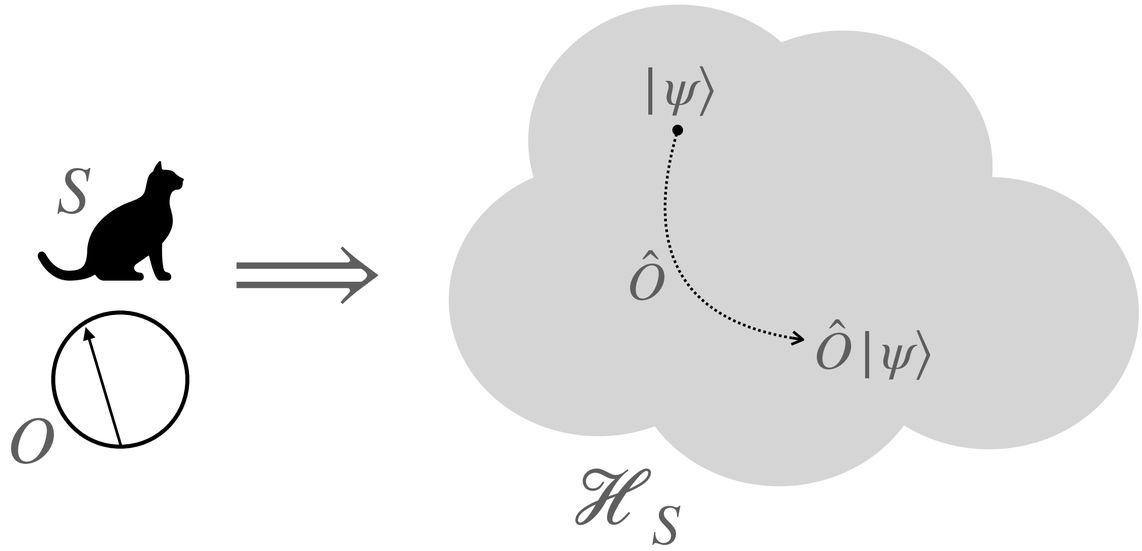
$$\{(\{q_i^K(t)\},\{p_i^K(t)\})\} \Longrightarrow (A,S,P,\ldots)(\{q_i^K(t)\},\{p_i^K(t)\},t)$$

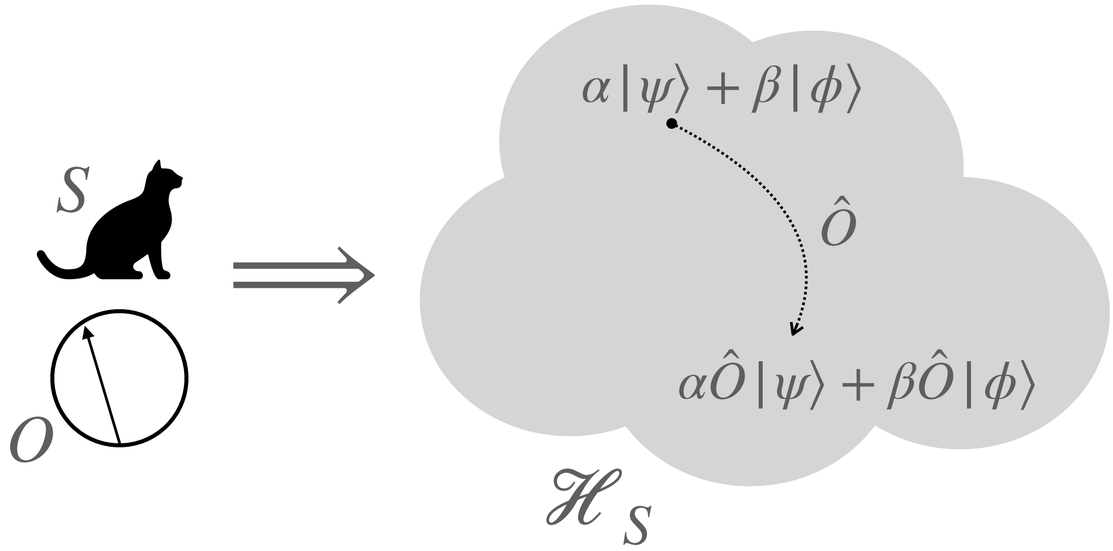


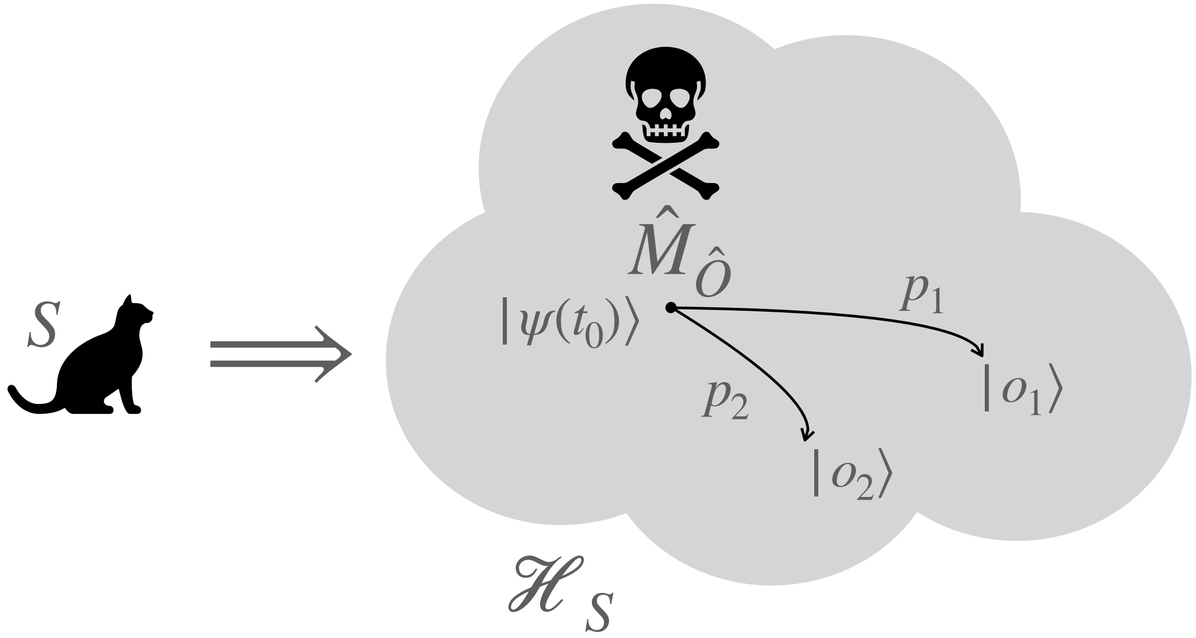

S
$|\psi\rangle$
$|\phi\rangle$
$\alpha|\phi\rangle + \beta|\phi\rangle$
$\mathscr{H}_S$

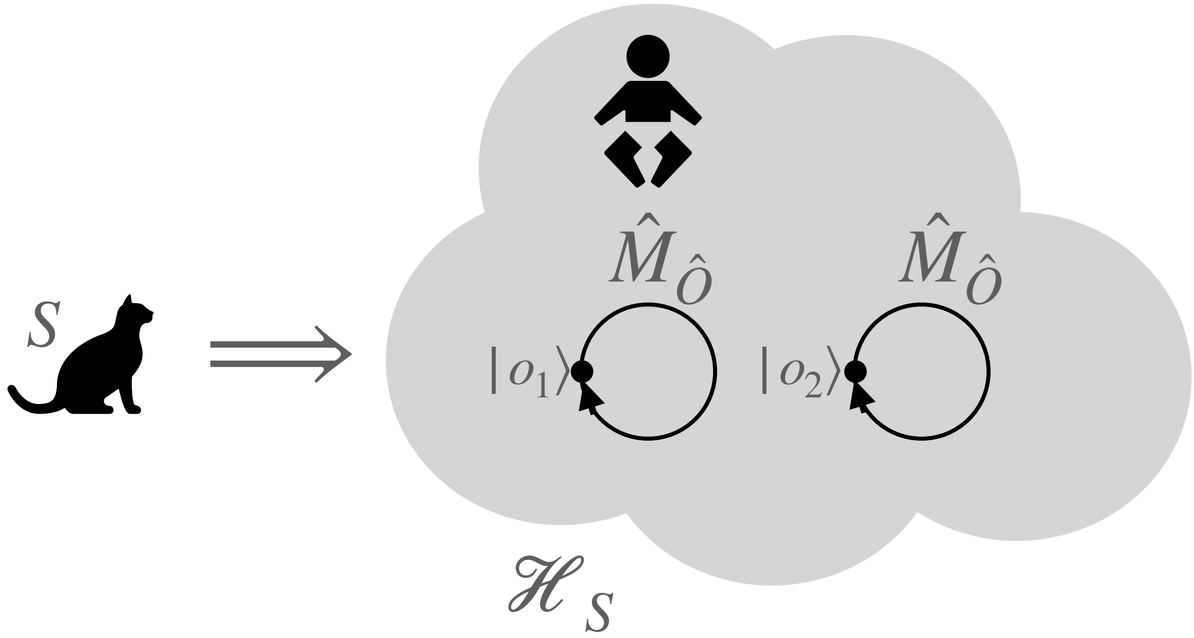

S
$|\psi(t_0)\rangle$
$|\psi(t_1)\rangle$
$\mathscr{H}_S$


S
$\alpha\,|\psi(t_0)\rangle + \beta\,|\phi(t_0)\rangle$
$|\psi(t_0)\rangle$
$|\phi(t_0)\rangle$
$|\psi(t_1)\rangle$
$|\phi(t_0)\rangle$
$\alpha\,|\psi(t_0)\rangle + \beta\,|\phi(t_0)\rangle$
$\mathscr{H}_S$


S
O
|ψ⟩
Ô
Ô|ψ⟩
ℋ S


S
O
$\alpha|\psi\rangle + \beta|\phi\rangle$
$\hat{O}$
$\alpha\hat{O}|\psi\rangle + \beta\hat{O}|\phi\rangle$
$\mathscr{H}_S$


S
$\hat{M}_{\hat{O}}$
$|\psi(t_0)\rangle$
p_1
p_2
$|o_1\rangle$
$|o_2\rangle$
$\mathscr{H}_S$


S
$\hat{M}_{\hat{O}}$
$\hat{M}_{\hat{O}}$
$|o_1\rangle$
$|o_2\rangle$
$\mathscr{H}_S$