$$\frac{d}{dt}\vec{\mu}(t) = -V(t)\vec{\mu}(t) + \vec{b}(t)$$

$$\frac{d\rho}{dt} = \mathcal{L}[\rho]$$

Environment

System

$$\rho_T = \frac{1}{2}\begin{pmatrix} \cdot & \eta_T|\mu_T\rangle\langle\mu_0| \\ \eta_T|\mu_0\rangle\langle\mu_T| & \cdot \end{pmatrix}$$