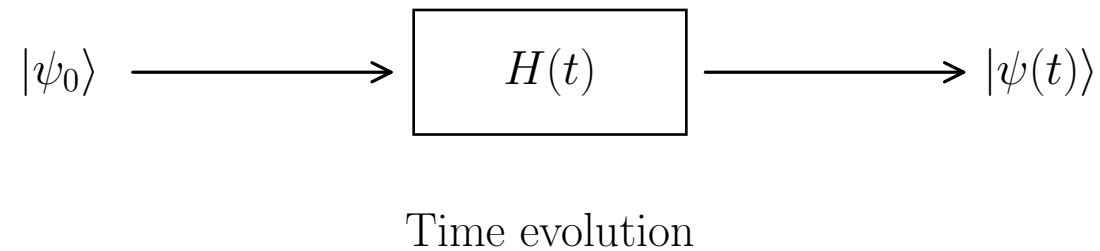
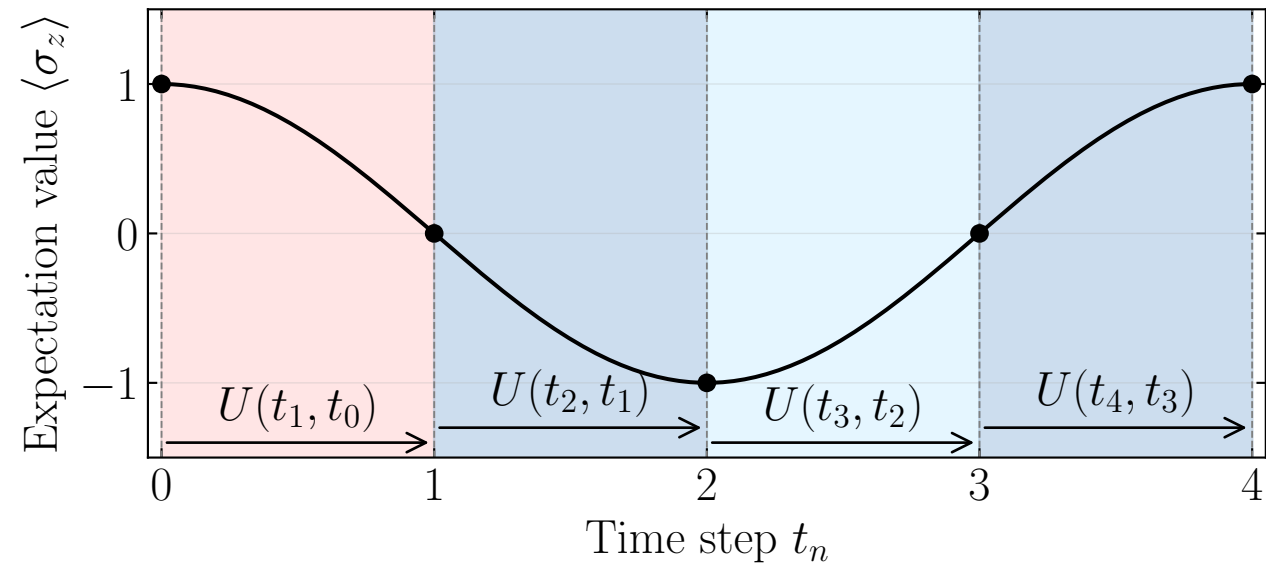


(a)

$$\frac{\partial}{\partial t}|\psi(t)\rangle = H(t)|\psi(t)\rangle$$



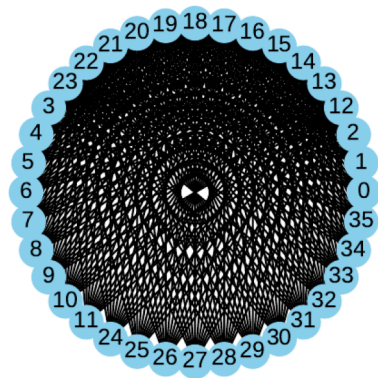
(b)



(c)

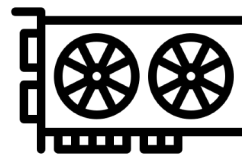
$2\hat{I}$	$\hat{U}^\dagger(t_1, t_0)$	0	0
$\hat{U}(t_1, t_0)$	$2\hat{I}$	$\hat{U}^\dagger(t_2, t_1)$	0
0	$\hat{U}(t_2, t_1)$	$2\hat{I}$	$\hat{U}^\dagger(t_3, t_2)$
0	0	$\hat{U}(t_3, t_2)$	\hat{I}

Clock Hamiltonian C



D-Wave QPU

VeloxQ



(d)

