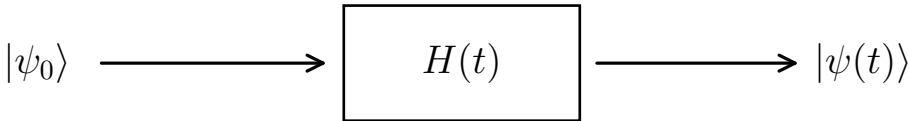$$\frac{\partial}{\partial t}|\psi(t)\rangle = H(t)|\psi(t)\rangle$$

$|\psi_0\rangle \longrightarrow \boxed{ H(t) } \longrightarrow |\psi(t)\rangle$

Time evolution