

$$\frac{\partial |\Psi_0^{(1)}\rangle}{\partial t} = -(\hat{H}_0 - E_0) |\Psi_0^{(1)}\rangle$$



$$\hat{Q}\hat{V}|\Psi_0^{(1)}\rangle$$

 0^1

$$\begin{aligned} \frac{\partial |\Psi_1^{(1)}\rangle}{\partial t} = & -(\hat{H}_0 - E_0) |\Psi_1^{(1)}\rangle \\ & - \hat{Q}\hat{V}|\Psi_0^{(1)}\rangle \end{aligned}$$


 1^1