







































$$\frac{h}{2} \frac{d}{dt} \left| n_{t} N_{t} t \right\rangle = H^{(0)} \left| n_{t} N_{t} t \right\rangle = E^{(0)} \left| n_{t} N_{t} t \right\rangle$$

$$\left| \begin{smallmatrix} n_{i} N_{i} t \end{smallmatrix} \right| = \left| e - rac{E_{n_{i}}^{(0) t}}{n_{i}} \right| \begin{smallmatrix} n_{i} N_{s} \psi^{-}(t)$$

$$-\frac{h}{2}\left|\frac{a}{at}\right|n_{i}N_{i}t\right\rangle = H_{n}^{(0)}\left|\prod\left[n_{i}N_{i}t\right]\right\rangle$$

 $\prod \left| n_{i} N_{i} t \right| = \left| e - \frac{E_{n_{i}}^{(0) t}}{n_{i} N_{s}} \sum \left(N_{s} + \frac{I}{2} \right) \right| n_{i} N_{s}$

$$-\frac{h}{2}\left|a_{t}N_{t}t\right\rangle = H^{(0)}\left|a_{t}N_{t}t\right\rangle = E^{(0)}\left|a_{t}N_{t}t\right\rangle$$

$$\left| \left| n_{i} N_{i} t \right| = \left| e^{-E n_{i}^{(0)} t} \right| n_{i} N_{i} \psi \left(t \right)$$

$$-\frac{h}{2}\left|\frac{\partial}{\partial t}\right| n_{i} N_{i} t = H_{n}^{(0)} \left|\prod \left|n_{i} N_{i} t\right|\right|$$

 $\prod \left| n_{i} N_{i} t \right\rangle = \left| e - \frac{E_{n_{i}}^{(0) t}}{n_{i} N_{s}} \sum \left(N_{s} + \frac{t}{2} \right) \right| n_{i} N_{s}$

$$\frac{h}{2} \frac{d}{dt} | n_{t} N_{t} t \rangle = H^{(0)} | n_{t} N_{t} t \rangle = E^{(0)} | n_{t} N_{t} t \rangle$$

$$| n_{t} N_{t} t \rangle = e^{-\frac{E}{n_{t}} \frac{(0)}{t}} | n_{t} N_{s} \psi^{-}(t)$$

$$-\frac{h}{2} \frac{d}{dt} | n_{t} N_{t} t \rangle = H^{(0)}_{n} | \prod | n_{t} N_{t} t \rangle$$

 $\prod \left| n_{i} N_{i} t \right\rangle = e^{-E_{n_{i}}^{(0) t} \left| n_{i} N_{s} \sum_{s} \left(N_{s} + \frac{t}{2} \right) \right| n_{i} N_{s}}$

$$\frac{h}{2} \frac{a}{dt} | n_{i} N_{i} t \rangle = H^{(0)} | n_{i} N_{i} t \rangle = E^{(0)} | n_{i} N_{i} t \rangle$$

$$| n_{i} N_{i} t \rangle = e^{-\frac{E}{n_{i}} \frac{(0)}{t}} | n_{i} N_{i} \psi (t)$$

$$-\frac{h}{2} \frac{a}{dt} | n_{i} N_{i} t \rangle = H^{(0)} | \mathbf{T} | n_{i} N_{i} t \rangle$$

$$\prod \left| n_{i} N_{i} t \right\rangle = e^{-E_{n_{i}}^{(0) t} \left| n_{i} N_{s} \sum_{n_{s} \leftarrow 2} \left(N_{s} + \frac{1}{\sqrt{2}} \right) \right| n_{i} N_{s}}$$