$$\begin{split} & \psi(\vec{r},t) = \psi(\vec{r},t) \psi^*(\vec{r},t) \cdot \\ & \phi(\vec{r},t) = \psi(\vec{r},t) \psi^*(\vec{r},t) \cdot \\ & V_{t} d\vec{r} \rho(\vec{r},t) = L \cdot \\ & (2) & \psi(\vec{r},t) = Ce^{i(\vec{k}\cdot\vec{r}' - \frac{n(c)x}{k})}, \\ & (3) & C_{t} \vec{k} \\ & E(k) = \frac{\hbar^2 k^2}{2m} \\ & (4) & V_{xx} \vec{L}_{y} L_{z} \\ & V_{xy} \vec{L}_{y} L_{z} \\ & V_{xx} \vec{L}_{y} L_{z} \\ & (6) & O & \int_{0}^{L_{x}} dx dx dy dz CC^{*} = 1, \\ & C = \sqrt{\frac{1}{L_{x}} L_{y} L_{z}} = \sqrt{V}. \\ & (7) & k_{xx} = \frac{2\pi}{L_{x}} n_{x}, n_{x} = 0, \pm 1 \pm 2, ..., k_{y} = \frac{2\pi}{L_{y}} n_{y}, n_{y} = 0, \pm 1 \pm 2, ..., k_{z} = \frac{2\pi}{L_{x}} n_{z}, n_{z} = 0, \pm 1 \pm 2, ..., k_{z} \\ & \vec{k} & \vec{k} \\ & \vec{k} & \Delta = \frac{8\pi^3}{L_{x}} L_{y} L_{x} \\ & \vec{k} & \vec{k} \\ & \lambda = \frac{8\pi^3}{L_{x}} L_{y} L_{x} \\ & \vec{k} & \vec{k} \\ & N = 2 \frac{K_{xx} L_{y} L_{x}}{8\pi^3} \\ & (10) & V_{xx} \vec{k}_{y}, k_{x}, s_{x} \\ & k_{xx} k_{y}, k_{x}, s_{x} \\ & k_{xx} k_{y}, k_{x}, s_{x} \\ & k_{xx} k_{y}, k_{x} \\ & k_{xx} k_{$$