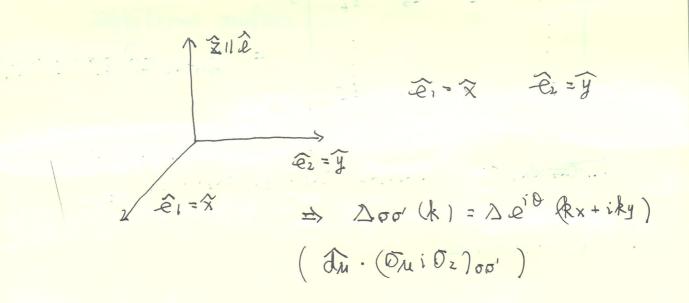
· BHe - A phase.

$$H(k) = (Q_{kT} \quad Q_{kT} \quad Q_{kT} \quad Q_{kT} \quad Q_{kV}) \begin{pmatrix} \mathcal{E}_{k} - \mathcal{H} & \Delta \sigma \sigma(k) \\ \Delta \sigma \sigma(k) & -(\mathcal{E}_{k} - \mathcal{H}) \end{pmatrix}$$

$$\Delta \sigma \sigma(k) = \Delta (k) \quad (\mathcal{D}_{H} i \mathcal{D}_{2}) \sigma \sigma'$$

Medo

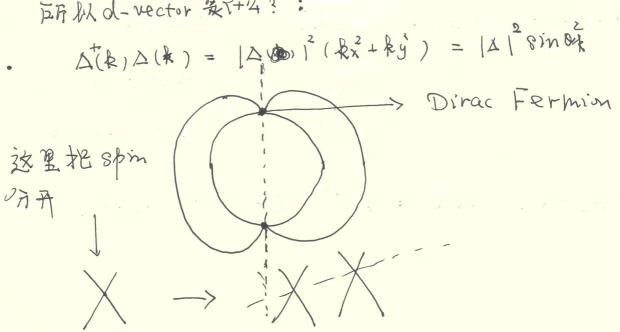


Pz 轨道没有张老, 麻在cxx 平面内:

· Highest weight state:

中间的态度most Quantum, 英规约自指向性;复和绝 首指何性:

戶序从d-vector 爱T+4?:



Xin Trong Zhou:

我最怕大家年级轻轻的像绿道高槽一样。

---- non-unitary parity:

$$H = \int dx \, \Psi^{\dagger}(x) \left(-\frac{\hbar^2}{2m} \nabla^2 + V(r) \right) \Psi(x)$$

Grand state

$$\Delta(n) = -9 \langle n_{\downarrow}(r) r_{\uparrow}(n) \rangle$$
 at finite T

做平均场

$$H_{MF} = \int dx \, \Phi_{\sigma}(x) \, h_{\sigma\sigma} \cdot \Psi_{\sigma}(x) + \Phi_{\sigma}(x) \, \Psi_{\sigma}(x) \, \Phi_{\sigma}(x) \, \Phi_{\sigma}$$

triplet:
$$\Delta(r) = -\Delta(n)$$

Bdg equation to triplet:

. Spirless - p - was

$$\lim_{\alpha \to 0} \Psi(r) \Psi(r+\alpha) = \lim_{\alpha \to 0} \Psi(r) \Psi(r) (\Psi(r+\alpha) - \Psi(r)) = \lim_{\alpha \to 0} Q^{-10}$$

F(1) 1 2x F(1)

$$\Delta = -9 \, \underline{\nabla}(r) \, \lambda \, \partial_r \, \underline{\nabla}(r)$$

$$= \int dr \left(\underline{\nabla}(r) \right) h(r) \, \underline{\nabla}(r) + \underline{\nabla}(r) \, dr$$

我侧并不是宇宙的中心。

Solution: for edge modes: (ptép) 2D

$$\left(\begin{array}{cc}
h_{o}(r) & \frac{\Delta}{RF}(-i\Im_{x} + 1iky) \\
\frac{\Delta}{RF}(-i\Im_{x} +) & -h_{o}(r)
\end{array}\right) \left(\begin{array}{c}
e^{E(r)} \\
e^{E(r)}
\end{array}\right)$$

y方的是宝阿尔均勾的

$$(\nabla (x,ky))$$
 $\nabla (x,-ky)$ $(ho(x)ky)$ $\frac{\Delta}{k_F}(-1)x)$ $\frac{\Delta}{k_F}(-1)x)$

$$\begin{cases} \text{Ret}: \left(\stackrel{\leftarrow}{\text{Min}}(x_1 y_1) \right) = \left(\stackrel{\leftarrow}{\text{Min}}(x_1) \right) = \left($$

$$\Rightarrow \left(\begin{array}{c} h_0(x_1 + y_1) & \frac{\Delta}{kF} \left(-i\partial_x + \lambda i k y_1\right) \\ \frac{\Delta}{kF} \left(-i\partial_x - a i k y_1\right) & -h_0(x_1 + y_1) \end{array}\right) \left(\begin{array}{c} \lambda h_0(x_1 + y_1) \\ \lambda h_0(x_1 + y_1) & -h_0(x_1 + y_1) \end{array}\right) = E_h \binom{h_0}{m}$$

$$\Rightarrow \left(\begin{array}{cc} -\lambda u(n) & \frac{\lambda}{k_{F}} \left(-i\partial_{x} + \lambda k_{y}\right) \\ \frac{\lambda}{k_{F}} \left(-i\partial_{x} + ik_{y}\right) & \lambda u(n) \end{array}\right) = E_{n}(k_{y}) \left(\begin{array}{c} u_{n} \\ v_{n} \end{array}\right)$$

Research 曼首 belief

$$\int \frac{\Delta}{k_F} \left(-i \Omega_X U_n + j k_Y V_n \right) = E_n(k_Y) U_n$$

$$\int \frac{\Delta}{k_F} \left(-i \Omega_X U_n - j k_Y U_n \right) + \lambda u_n(x) V_n = E_n(k_Y) V_n$$
E 简 在 面 例 大学 版 一个 中流的 物 理学 就