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の関数 ψ define I in τ and ψ as follows.

III ψ , M_0 , M' and N

$$M_0 = \bar{\psi} \psi \quad M' = \bar{\psi} p_1 \bar{\sigma} \psi$$

$$S' = \bar{\psi} p_3 \bar{\sigma} \psi \quad \bar{T}' = -\bar{\psi} p_1 \bar{\sigma} \psi$$

in the τ space M_0 and M' , N are ψ 's p -very distribution ψ and $\bar{\psi}$, Fermi energy μ , ψ , $\bar{\psi}$ are ψ and $\bar{\psi}$ in the τ space.

in τ , $K=U$ and distribution ψ and $\bar{\psi}$ in the τ space. ψ and $\bar{\psi}$ are ψ and $\bar{\psi}$ in the τ space. ψ and $\bar{\psi}$ are ψ and $\bar{\psi}$ in the τ space.

$$M_0 = \bar{\psi} \left\{ \lambda_1 - i \lambda_2 \frac{p_1}{mc} p_2 \bar{\sigma} \text{grad} + i \lambda_3 \frac{p_1}{mc} p_3 \bar{\sigma} \frac{\partial}{\partial \tau} \right\} \psi$$

$$M'_0 = \bar{\psi} \left\{ \lambda_1 p_1 \bar{\sigma} + i \lambda_2 \frac{p_1}{mc} (p_1 \bar{\sigma} \frac{\partial}{\partial \tau} + p_3 \bar{\sigma} \times \text{grad}) - i \lambda_3 \frac{p_1}{mc} p_3 \text{grad} \right\} \psi$$

$$S' = \bar{\psi} \left\{ \mu_1 p_3 \bar{\sigma} - i \mu_2 \frac{p_1}{mc} p_2 \bar{\sigma} \times \text{grad} + i \mu_3 \frac{p_1}{mc} (\bar{\sigma} \frac{\partial}{\partial \tau} + p_3 \text{grad}) \right\} \psi$$

$$\bar{T}' = \bar{\psi} \left\{ -\mu_1 p_1 \bar{\sigma} - i \mu_2 \frac{p_1}{mc} (p_1 \bar{\sigma} \frac{\partial}{\partial \tau} + \text{grad}) + i \mu_3 \frac{p_1}{mc} \bar{\sigma} \times \text{grad} \right\} \psi$$

in τ , $\lambda_1, \lambda_2, \lambda_3, \mu_1, \mu_2, \mu_3$ are τ space numerical constant τ , τ space, $\lambda_1, \lambda_2, \lambda_3, \mu_1, \mu_2, \mu_3$ are τ space numerical constant τ , τ space, $\lambda_1, \lambda_2, \lambda_3, \mu_1, \mu_2, \mu_3$ are τ space numerical constant τ , τ space.

Veranschaulichungs τ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space.

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quantization τ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space.

order τ and τ neglect τ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space.

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spontaneous disintegration τ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space.

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lifetime τ , $K=U$ and τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space.

$\left(\frac{M}{M_0}\right)^2 \sim 10^{-4}$ τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space, $\psi, \bar{\psi}$ are ψ and $\bar{\psi}$ in τ space.

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