









B//z

Reciprocal

k

space

► k_x

Fermi surface

 $\omega_c = \frac{eB}{m}$













Pauli paramagnetism

Ratio of χ and γ does not change depending on m^* .

電子比熱係数 $\gamma = \frac{\pi^2}{3} D(E_F) k_B^2$ leads to $\frac{\chi}{\gamma} = \left(\frac{3\mu^2}{\pi^2 k_B^2}\right) = \text{const.}$ Wilso

T 温度

Wilson比



























