

固体物理讨论班

冯济

2019年10月15日

# 凝聚态物质的中子散射

## Neutron scattering from condensed matter

原理及理论

- ✦ Roger Pynn. "Neutron scattering: a primer".
- ✦ Charles Kittel. "Quantum theory of solids", ch. 19.

应用选讲

- ✦ Excitations in Liquid Helium: Neutron Scattering Measurements. Phys. Rev. 113, 1379 (1959).
- ✦ Inelastic-Neutron-Scattering Study of Acoustic Phonons in Nb<sub>3</sub>Sn. Axe, J. D. & Shirane, G. Phys. Rev. B 8, 1965–1977 (1973).