Antiferromagnetic order in MnO

Fig. 5.18 The magnetic structure of MnO. The Mn ions are on a face-centred cubic lattice. The O²⁻ ions are not shown (see Fig. 4.2). The Mn ions are shaded black or white depending on their spin state.

Fig. 5.19 Neutron diffraction patterns for MnO below and above $T_N$. After C. G. Shull, W. A. Strauser and E. O. Wollan, *Phys. Rev.*, 83, 333 (1951).

Reference: Blundell