

Dynamical theory of crystal lattices. By MAX BORN and KUN HUANG. Pp. xii + 420. Oxford University Press, 1968. Price 35 s.

Lattice dynamics has progressed a long way since Born and Huang's book was originally published in 1954. A paperback version, scarcely differing from the first edition, is now available. Though there is no discussion of neutron and X-ray scattering, and though the experimental information on elastic, thermodynamic and optical properties is now very dated, the book remains as a classic account of the

quantum mechanical foundation of lattice dynamics. It is still an important supplementary text for all serious scholars of the theory of the solid state. With this edition priced so reasonably many former library borrowers might consider investing in a personal copy.

J. A. D. MATTHEW

*Department of Physics
University of York
Heslington
York YO1 5DD
England*