

Sir Nevill Mott, **Conduction in Non-Crystalline Materials**, Oxford, New York (1987).

Reviewed by J. M. Galligan¹

This book by Sir Nevill Mott covers a wide range of topics in Transport in Non-Crystalline Materials, including, from a very personal viewpoint, semiconductors, amorphous metals,

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liquid materials and glasses. Starting with an elementary review of conduction processes in crystalline systems, Professor Mott then discusses Anderson localization of electrons in non-crystalline materials and applies this celebrated paper throughout much of the book.

The writing is always lucid and clear, giving the impression that things are easy and simple. Indeed some of the subjects, first attacked by Professor Mott after his retirement as Cavendish Professor at Cambridge University are still not settled. In this regard Professor Mott whets the appetite and provides a base to explore what is happening in the area of transport properties in amorphous materials.