

interest crystallographers in general. Only to those crystallographers with a specific commitment to crystallographic arrangement and physical properties is the book likely to be of interest, but here the interest may be considerable!

The Index of the volume appears to be effective, and I noticed only five or six misprints in my reading of the book.

Finally, generally throughout the book one finds, in the language of classical physics, 'coulomb interaction', but always 'Mott transition', 'Anderson transition', 'Fermi surface', etc.; one might wonder whether in one hundred years our successors will be writing also of 'mott transitions' and 'anderson transitions'!

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#### Book Received

*The following book has been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.*

**Liquid crystals: their physics, chemistry and applications.** Edited by C. HILSUM and E. P. RAYNES. Pp. viii + 169. The Royal Society of London, 1983. Price £23.85 (£25.10 outside the UK). This book is a straightforward reprinting, in hard covers but essentially without other change, of the papers already published in 1983 in *Philos. Trans. R. Soc. London Ser. A*, 309, 69-239. The discussion itself took place in October 1982. There are 13 articles, together with an introduction by F. C. Frank. Of course, there is no index; however, the quality of the diagrams alone makes this collection of papers worth a second glance.