a teaching text, addressed to beginners and raw research students, telling them how to do it. Thankfully, the price is not now as much beyond their purse as it was before.

High pressure in science and technology. Part I. **Collective phenomena and transport properties.** Edited by C. HOMAN, R. K. MACCRONE and E. WHALLEY. Pp. xv+373. Amsterdam: North-Holland, 1984. Price Dfl 190.00. This book is a unique compilation containing 202 authoritative papers on the most recent developments in high-pressure research and engineering. Part I contains 60 contributions that focus on collective phenomena and transport properties at high pressure. The papers in Part II are concerned with fluids under high pressure, as well as high-pressure engineering and safety. Part III contains 86 discussions of a more general nature rounding this work into a comprehensive up-to-date source of reference.

Physical properties of crystals: their representation by tensors and matrices. By J. F. NYE. Pp. xvii+329. Oxford: Clarendon Press, 1985. Price £15.00. This well-known and much respected book was first published in 1957. It has been reprinted no less than seven times since then. This first paperback edition has had the benefit of some revision and has been updated especially in regard to the bibliography, where the author has inserted some interesting notes and comments. A review of the book when it first appeared, by H. Wondratschek, who wrote of it as 'an excellent introduction ... clear and easily understandable.', can be found in *Acta Cryst.* (1985), **11**, 666.

Semiconductor technologies (Japan annual reviews in electronics, computers and telecommunications, Vol. 8). Edited by J. NISHIZAWA. Pp. vii+320. Amsterdam: North-Holland, 1983. Price US $95.00, Dfl 250.00.