

*Acta Cryst.* (1978). B34, 1750

**The crystal structure of *p*-nitroperoxybenzoic acid: errata.** By G. A. JEFFREY, *Department of Crystallography, University of Pittsburgh, Pittsburgh, Pennsylvania 15260, USA*

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The paper by Hoon Sup Kim, Shih-Chen Chu & G. A. Jeffrey [*Acta Cryst.* (1970), B26, 896–900] contains two typographical errors. In Table 1, the *z* coordinate of C(1) should be 0.1029, instead of 0.1929. In Fig. 2, the angle C(5)–C(6)–C(1) should be 121°, not 1.21°.

All information is contained in the abstract.

### Book Reviews

*Works intended for notice in this column should be sent direct to the Book-Review Editor (J. H. Robertson, School of Chemistry, University of Leeds, Leeds LS2 9JT, England). As far as practicable books will be reviewed in a country different from that of publication.*

**Crystallography and its applications.** By L. S. DENT GLASSER. Pp. viii + 224. Wokingham: Van Nostrand-Reinhold, 1977. Price £12.00 (cloth) or £5.95 (paper).

This is an unusual, charming little book that describes the methods for determination of crystal structures primarily from the experimental point of view. The treatment throughout is descriptive and non-mathematical. This approach works very well in the chapters which deal with crystal structure and symmetry, optical crystallography, the geometry of diffraction, and common methods of obtaining single-crystal and powder patterns. In these chapters the illustrations together with the text material are probably sufficient to guide a reasonably adept experimentalist through the steps involved in mounting a single crystal and obtaining patterns from it. In the chapter dealing with structure determination, however, this approach does not work so well, since a brief descriptive coverage of such topics as Fourier synthesis, Patterson functions, and least-squares refinement procedures does not provide a sufficient basis for utilizing these methods. Even here, however, the treatment is sufficient to convey a good general understanding of the nature of the methods involved, and to give an appreciation of the complexity of the subject and the sophistication of present procedures.

The book is well written. It is interesting and easy to read. It could readily be used as a text or primary reference book in a senior-level college course on crystal structure deter-

mination. Likewise, it would be a valuable reference and guide for anyone interested in undertaking such work independently.

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**Систематический анализ функции Патерсона на основе симметрии кристалла (Теоретические диаграммы ромбов пиков).** Э. Л. Кузмин, С. В. Борисов, В. П. Головачев, В. В. Илюхин, Л. Н. Соловьева, А. Н. Чернов. Под редакцией академика Н. В. Белова. Стр. 352, Рис. 284, Таблицы 7. Академия наук СССР, Хабаровск, 1974. Цена 1р. 40к.

Рецензия Ф. Валаха о этой книге была издана в *Acta Crystallographica*, отделе А, 34(3), стр. 479.

**Organometallic chemistry reviews: annual surveys. Vol. 4. Silicon-tin-lead.** Edited by D. SEYFERTH & R. B. KING. Pp. vi + 547. Amsterdam: Elsevier/North-Holland, 1977. Price \$54.70, Dfl 134.00.