

concerned with the use of group frequencies for structural analysis. These are followed by short chapters on quantitative analysis, sample handling techniques, and spectra and reference library.

The text contains a number of IR spectrum charts and about 40 enlarged charts, that could not be accommodated in the page size, are kept in a pocket on the inside of the back cover.

The second edition is sure to have as good a reception as the first by all those who use infrared spectroscopy in research—especially chemists doing structural work—and in routine control work in industrial development.

A. S. G.

International Tables of Selected Constants (Vol. 17). *Spectroscopic Data Relative to Diatomic Molecules*. Director: B. Rosen. (Pergamon Press, Ltd., Headington Hill Hall, Oxford), 1970. Pp. 515. Price not given.

The first edition of these Tables giving collected information about the electronic spectrum and spectroscopic properties of diatomic molecules was published in 1951. A work of this kind rapidly becomes out of date, and more so now because of the fact that the last 20 years has seen large increase in the number of diatomic molecules for which spectroscopic data are available, and moreover, the extent and precision of the data have increased. New techniques like high temperature micro-wave spectroscopy and mass-spectrometric studies of high temperature equilibria have furnished new data not known before.

In the present edition, therefore, the Tables have been completely recast and it is, in fact, an independent and new work brought out by the collaborative effort of more than 30 spectroscopists. It gives a nearly complete survey of the literature on the properties of diatomic molecules up to the end of 1967, and includes the more important work published in 1968 and 1969 also. The publishers proposed to keep the information up-to-date by issuing annually critical abstracts which will contain all the numerical information of the kind which is given in the present volume.

This new edition, together with the proposed Abstract Service, will be indispensable reference sources to all spectroscopic laboratories.

A. S. G.

ANNOUNCEMENTS

The Indian College of Allergy and Applied Immunology \$

The Fifth Convention of I.C.A.I. will be held from 28th to 30th October, 1971, under the auspices of the Department of Allergy and Applied Immunology, S.M.S. Medical College and Hospital, Jaipur. In addition to the scientific presentation of the papers in the field of Allergy, Applied Immunology and related subjects, there will be a Symposium on Bronchial Asthma. A scientific exhibition will also be held at that time.

Those desirous of presenting papers should communicate to the Chairman, Scientific Committee, and send the abstract not exceeding 300 words before 30th July and full text of the paper not later than 30th August 1971.

Award of Research Degrees

Andhra University has awarded the Ph.D. degree in Mathematics to Shri V. V. Rama Rao; Ph.D. degree in Nuclear Physics to Shri M. L. Narasimha Raju; D.Sc. degree in Geology to Shri K. Kameswara Rao.

Karnatak University, Dharwar, has awarded the Ph.D. degree in Chemistry to Shri S. N. Betkerur.

Osmania University, Hyderabad, has awarded the Ph.D. degree in Botany to Kumari Prathibha Chakrapani.

Utkal University, Bhubaneswar-4, has awarded the Ph.D. degree in Chemistry to Shri B. C. Dash.

ERRATUM

Curr. Sci., June 20, 1971, p. 319, column 1, para 1, line 15, for (propylene) read (butylene).

Books Received

Morphology. (First Edition.) By P. B. Vaidya. (Dastane Ramachandra and Co., 456, Ravivar Peth, Poona-2), 1970. Pp. vii + 138. Price Rs. 5-50.

Far-Infrared Properties of Solids. Edited by S. S. Mitra and S. Nudelman. (Plenum Publishing Corporation, 114, Fifth Avenue, New York, N.Y. 10011), 1970. Pp. xv + 287.

Equations of State for Solids at High Pressure and Temperature. By V. N. Zharkov and V. A. Kalinin. (Plenum Publishing Corporation, 114, Fifth Avenue, New York, N.Y. 10011). Pp. x + 257.