

PUBLISHING NEWS

Prize for Science Writing

A \$10 000 Corning Science Prize, to be awarded annually for the best book manuscript dealing with the natural or physical sciences for the general reader, has been announced by Little, Brown & Co., in cooperation with Corning Glass Works. The purpose of the award is to encourage writers to undertake books on science for the layman. Entries for the first award should be addressed to Corning Science Prize Editor, Little, Brown & Co., 34 Beacon Street, Boston 6, Mass., and must be received no later than March 31, 1963. The winner will be given \$7500 of the \$10 000 total as an outright grant and the remaining \$2500 will serve as an advance against royalties. Manuscripts will be considered as offered to Little, Brown & Co. for publication on terms to be arranged by author and publisher.

Translations

Papers read by Soviet and Czech crystallographers at the Second All-Union Conference on Crystal Growth, held in Moscow, March 23–April 1, 1959, have been published in English as the third volume in a series entitled, "Growth of Crystals." The first volume in the series contained papers read at the first such conference, held in 1956; the second volume presented 24 interim reports published between the two conferences. Volume 3, priced at \$25 a copy, can be ordered from Consultants Bureau Enterprises, Inc., 227 West 17th Street, New York 11, N. Y.

An English translation of the Soviet journal, *Poroshkovaya Metallurgia*, the bimonthly organ of the Institute of Metaloceramics and Special Alloys of the Ukrainian Academy of Sciences, will be published by Consultants Bureau under the title, *Soviet Powder Metallurgy*. The translated version will appear within six months after the publication of the original journal, and the English-language series will begin with the January–February 1962 issue of the Soviet publication. Annual subscriptions (\$80 domestic and \$85 foreign) can be ordered from Consultants Bureau at the address indicated above.

Isotopes

The sixth annual edition of an index supplying data on 8500 stable and radioactive isotopes has been published by Scientific Equipment Co. *The 1962 Isotope Index* lists the commercial source, catalog number, and price for every known available isotope as of January 1962. The revised index includes data on specific ac-

tivity, half lives, and principal radiation energies of isotopes, as well as on available calibration samples and radiographic and therapeutic sources. A section is devoted to the license requirements of the Atomic Energy Commission. The book can be ordered (for \$5 a copy) from Publication Department 315, Scientific Equipment Co., P. O. Box 19086, Indianapolis 19, Ind.

NBS Reports

The third, fourth, and fifth sections of *An Ultraviolet Multiplet Table* have been issued by the National Bureau of Standards. The series, carrying the over-all designation of NBS Circular 488, is being prepared in conjunction with the program of compiling data on atomic energy levels which has been in progress at NBS for the last ten years. As each volume of *Atomic Energy Levels* is completed, a corresponding section of the *Ultraviolet Multiplet Table* is published for the same elements. One of the primary purposes in preparing the latter series has been to provide the information needed in plasma investigations and for the interpretation of rocket solar spectra. In both areas, emphasis has been given to the urgent need for study of high-ionization spectra of the more abundant elements.

Section 3 of the *Table* contains the leading multiplets for 78 spectra of 31 elements, thus bringing the number of elements covered in the series to 72. Two groups of rare earth elements making up the rest of the periodic table will be published later as a separate volume. Sections 4 and 5 comprise a finding list containing all of the lines in order of wavelength. The finding list, which provides the spectrum and multiplet number for each line, is being published to make the multiplet data easily accessible. Section 4 contains all lines entered in Sections 1 and 2 of the *Table*, arranged in order of increasing wavelengths and covering the elements hydrogen to niobium ($Z = 1$ to 41). Section 5, the last in the series, consists of a finding list of all lines in Section 3 of the *Table*, arranged in order of increasing wavelength and covering the elements molybdenum to lanthanum ($Z = 42$ to 57) and hafnium to radium ($Z = 72$ to 88).

Section 3, priced at 60¢, Section 4, priced at 45¢, and Section 5, priced at 30¢, can be ordered from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C.

Also issued by NBS (but available from the Office of Technical Services, US Department of Commerce, Washington 25, D. C.) are the following recent compilations.