

- Radio-Chemical Studies—Fission Products**, Books 1, 2 and 3. Edited by Charles D. Coryell & Mathan Sugarman. McGraw-Hill International Corporation, 1951. Pp. xxx+518, xvi+519 to 1315 and xx+1316-2086, respectively. Price \$18.50 per set.
- The Invertebrates**, Vol. III. By Libbie Henrietta Hyman, McGraw-Hill Book Corporation, 1951. Pp. viii+572. Price \$9.00.
- The Chemistry of Uranium**. By Joseph J. Katz and Eugene Rabinowitch. McGraw-Hill Book Corporation, 1951. Pp. xxii+610. Price not given.
- Experiment in Dental Care**, W.H.O. Monograph No. 4. By J. J. Fulton. W.H.O. Palais des Nations, Geneva, 1951. Pp. 87. Price \$1.00.
- Elementary Genetics**. By Wilma George. Macmillan & Co., 1951. Pp. iv+172. Price 10 sh. 6 d.
- Adhesion and Adhesives**. By N. A. Debruyne and R. Honwink. Clever Huma Press Ltd., 1951. Pp. xvi+517. Price 70 sh.
- The Enzymes**, Vol. II, Part I. By J. B. Sumner and K. Myrback, Academic Press, Inc., 1951. Pp. xii+790. Price \$14.80.
- The Fundamental Aspects of Lubrication**. Edited by Roy Waldo Miner and 14 others. New York Academy of Sciences, 1951. Vol. 53, Art. 4. Pp. 753-994. Price \$4.00.
- Specific Methods of Analysis**. By S. E. Q. Ashley and 13 others. New York Academy of Sciences, 1951. Vol. 53, Art. 5. Pp. 995-1118. Price \$2.50.
- Annual Review of Biochemistry**, Vol. 20, Annual Rev. Inc., 1951. Pp. 648. Price \$6.00.
- Mathematical Engineering Analysis**. By Rufus Oldenburger. Macmillan & Co., 1951. Pp. xiv+426. Price \$6.00.
- Elementary Calculus**. By M. Lakshmanamurthi. M/s. Rao Brothers, Guntur, 1951. Pp. viii+207. Price not given.
- Science in the School Garden**. By Mary A. Johnstone. Macmillan & Co., 1951. Pp. xiv+176. Price 4 sh. 6 d. net.
- The River Mathematics**. By A. Hooper. Macmillan & Co., 1951. Pp. 370. Price 18 sh. 6 d. net.
- The Oxide-Coated Cathode**, Vol. 2. Physics. By S. Wagener, Chapman & Hall Ltd., 1951. Pp. xiv+311. Price 42 sh.
- Surface Chemistry of Solids**. By S. J. Gregg. M/s. Chapman & Hall, 1951. Pp. ix+297. Price 30 sh.

BUILDING RESEARCH CONGRESS-1951

THE BUILDING RESEARCH CONGRESS, 1951, sponsored jointly by the learned societies and professional institutions of Great Britain, the Department of Scientific and Industrial Research and the Ministry of Works, was held in London from 11th to 20th September, 1951. In India, the large influx of refugee population, the alarming increase in birth rate that is taking place and the increasing trend of the villager to settle down in towns, have all combined together to create acute housing shortage in the towns. The housing problem has become gigantic in magnitude and its solution urgent. The Congress is therefore more than of ordinary interest to us in India. The summaries of the papers which have been received indicate the fine fare one can get at the Congress.

The papers have been classified under three divisions. Those under Division One deal with the influence of mechanisation and prefabrication on techniques and cost of building, the influence of modern research on structural design and on the influence of modern soil studies on the design and construction of foundations. Papers on prefabrication of houses will be helpful in evolving more economical and quicker methods in our projects. Our experience of these

projects have not been so far happy. Papers on pre-stressed concrete and shell construction ought to aid in achieving greater economy in the use of steel, those in the new fields of research on the structural use of glued laminated timber and of light alloy sections are to be welcomed because of the increasing activity and interest shown in their use, in recent years. Papers on soil mechanics are a good contribution to our knowledge of this modern science. Division Two deals with papers on research done recently in building materials. The papers on 'Weathering and Durability of Building Materials under Tropical Conditions', and those pertaining to manufacture of bricks, making good quality concrete, using plywood as a building material and on burning and shaking lime are of particular interest to builders here in India. Papers on "the Acoustics of Auditoria and Studios", ventilating and lighting of buildings and factories, and problems pertaining to the design of three specific types of buildings (hospitals, factories and schools) have been clubbed together under Division Three. Papers on the design of hospitals, factories and schools promise to be of more than ordinary interest to designers and architects.

N. S. G.