Press, New York, 1970. viii, 542 pp., illus. \$20.

A Symposium on Mechanisms of Toxicity. London, April 1970. W. N. Aldridge, Ed. St. Martin, New York, 1971. xiv, 258 pp., illus. \$20.

Synthetic Polymeric Membranes. Robert E. Kesting. McGraw-Hill, New York, 1971. xii, 308 pp., illus. \$18.75.

Terrestrial Slugs. N. W. Runham and P. J. Hunter. Hutchinson, London, and Hillary House, New York, 1971. 184 pp., illus. Cloth, \$6; paper, \$2.50. Biological

Sciences Series.

Topics in Complex Function Theory. Vol. 2, Automorphic Functions and Abelian Integrals. C. L. Siegel. Translated from the German by A. Shenitzer and M. Tretkoff. Wiley-Interscience, New York, 1971. xii, 194 pp., illus. \$12.95. Interscience Tracts in Pure and Applied Mathematics, vol. 25.

Trace Elements in Human and Animal Nu'rition, E. J. Underwood, Academic Press, New York, ed. 3, 1971. xiv, 344

pp. \$24. Ultrasonic Transducer Materials. O. E. Mattiat, Ed. Plenum, New York, 1971. x, 186 pp., illus. \$12.50. Ultrasonic Technology Series.

Understanding and Measuring Vibration. R. H. Wallace. Wykeham, London, and Springer-Verlag, New York, 1970. xii, 148 pp., illus. Paper, \$4. Wykeham Technological Series for Universities and Institutes of Technology, vol. 4.

Understanding Lightning. Martin A. Uman. Bek Technical Publications, Carnegie, Pa., 1971. xvi, 166 pp., illus. \$6.50.

The Universe of the Mind. George E. Owen. Johns Hopkins Press, Baltimore, Md., 1971. xvi, 350 pp., illus. Cloth, \$15; paper, \$4.95. Seminars in the History of Ideas.

La Valorisation des Minerals. Manuel de minéralurgie. Pierre Blazy. Presses Universitaires de France, Paris, 1970. 416 pp. Bibliotheque de l'Ingénieur Géologue.

Vibration des Systèmes Elastiques. Y. Jullien. Naturalia et Biologia, Paris, 1971. xii, 266 pp. Paper, 35 F. Monographies d'Acoustique du Groupement des Acousticiens de Langue Française.

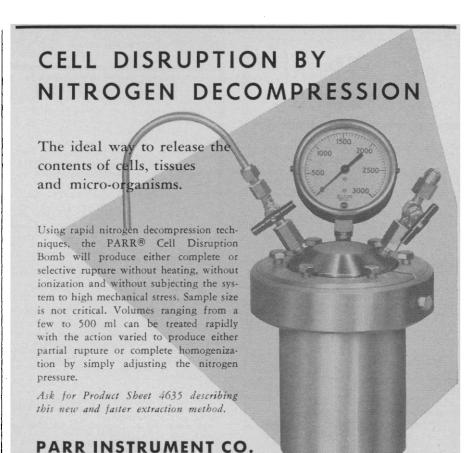
The View from the Border. A Social-Psychological Study of Current Catholicism. John N. Kotre. Aldine-Atherton, Chicago, 1971. xii, 268 pp., illus. \$6.95.

Vitamins and Hormones. Advances in Research and Applications. Vol. 28. Robert S. Harris, Paul L. Munson, and Egon Diczfalusy, Eds. Academic Press, New York, 1970. xxii, 616 pp., illus. \$14.50.

Water Pollution by Oil. Proceedings of a seminar, Inverness-shire, Scotland, May 1970. Peter Hepple, Ed. Institute of Petroleum, London, 1971 (U.S. distributor, Elsevier, New York). viii, 393 pp., illus. \$16.60.

When Men Revolt and Why. A Reader in Political Violence and Revolution. James Chowning Davies, Ed. Free Press, New York, 1971. xviii, 358 pp., Cloth, \$8.95; paper, \$4.95.

Where Have All the Flowers, Fishes, Birds, Trees, Water, and Air Gone? What Ecology Is All About. Osborn Segerberg, Jr. McKay, New York, 1971. xvi, 304 pp. \$6.95.



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