

Tsov'yanov. V. A. Venikov, Ed. Translated from the Russian (Moscow, 1962) by R. Kaplan. Bernard Adkins, Translation Ed. Pergamon, New York, 1965. 428 pp. Illus. \$15. International Series of Monographs in Electronics and Instrumentation, vol. 33.

Weak Interactions of Elementary Particles. L. B. Okun'. Translated from the Russian edition (Moscow, 1963) by Z. Lerman. I. Meroz, Translation Ed. Israel Program for Scientific Translations, Jerusalem; Davey, New York, 1965. 182 pp. Illus. \$12.75.

Conference and Symposium Reports

Adaptation et Aggressivité. Raoul Kourilsky, André Soullairac, and Pierre Grapin, Eds. Presses Universitaires de France, Paris, 1965. 230 pp. Paper, F. 12. Relation et Sciences de l'Homme Series; 13 papers presented at a colloquium.

Biology of the Skin and Hair Growth. Proceedings of a symposium (Canberra, Australia), August 1964. A. G. Lyne and B. F. Short, Eds. Elsevier, New York, 1965. 818 pp. Illus. \$23.50. Forty-six papers presented at a symposium sponsored by the Australian Academy of Science.

Chemistry: Opportunities and Needs. A report on basic research in U.S. Chemistry by the Committee for the Survey of Chemistry, NAS-NRC. Natl. Acad. of Sciences-Natl. Research Council, Washington, D.C., 1965. 232 pp. Illus. Paper, \$5. Report given at a conference (Washington, D.C.), November 1965.

Current Aspects of Exobiology. A symposium (Pasadena, Calif.), February 1963. G. Mamikunian and M. H. Briggs, Eds. Pergamon, New York, 1965. 432 pp. Illus. \$17. Ten papers: "Investigation of organo-chemical evolution" by J. Oró; "Organic remains in meteorites" by F. L. Staplin; "Microorganisms of middle Precambrian age from the Animikie series, Ontario, Canada" by E. S. Barghoorn and S. A. Tyler; "The survival capabilities and the performance of earth organisms in simulated extraterrestrial environments" by S. M. Siegel, G. Renwick, O. Daly, C. Giumarro, G. Davis, and L. Halpern; "The possibility of a primordial lunar life" by J. J. Gilvarry; "Possibilities of life on Mars" by F. Jackson and P. Moore; "Life-detection experiments" by G. L. Hobby; "Biological contamination of the planets" by P. J. Geiger, L. D. Jaffe, and G. Mamikunian; "The radio search for intelligent extraterrestrial life" by F. D. Drake; and "Trends and problems in exobiology" by M. H. Briggs and G. Mamikunian.

Hormonal Steroids: Biochemistry, Pharmacology, and Therapeutics. vol. 2. Proceedings of the First International Congress on Hormonal Steroids. L. Martini and A. Pecile, Eds. Academic Press, New York, 1965. 695 pp. Illus. \$20. Seventy-one papers on the following topics: Recent advances in steroid chemistry (14 papers); New anabolic steroids (9 papers); The regulating effect of progestational hormones (8 papers); Action of hormonal steroids on anterior pituitary function (8 papers); Action of hormonal steroids and

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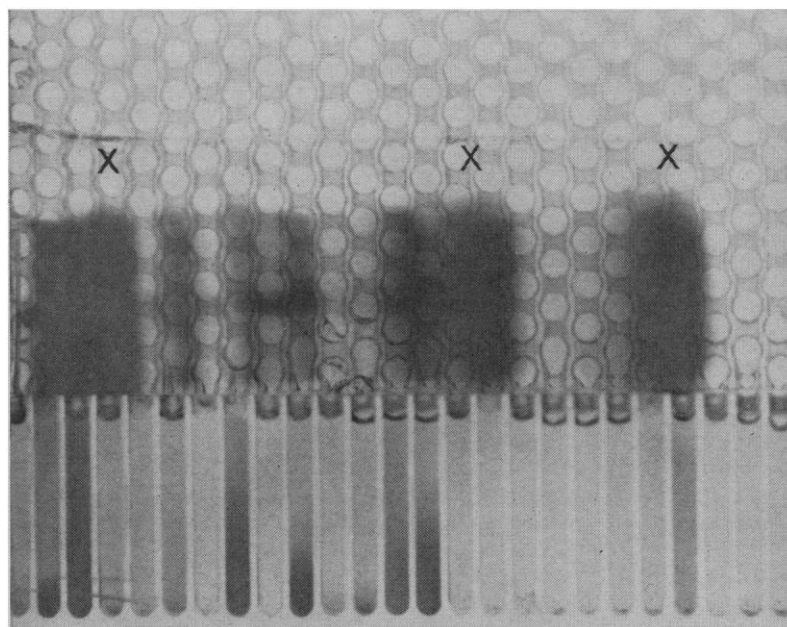
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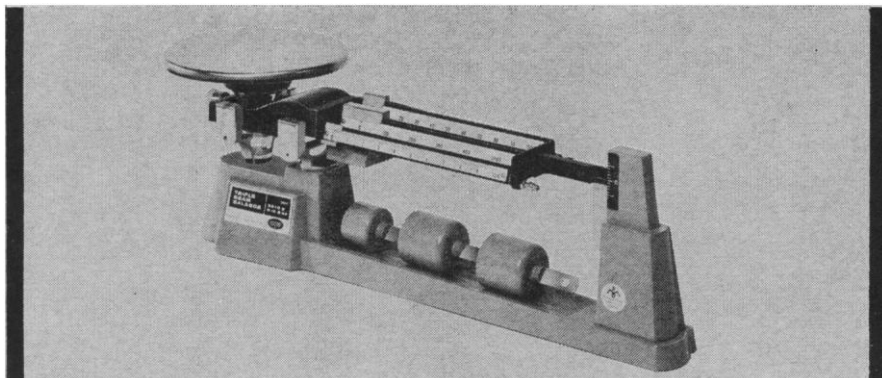
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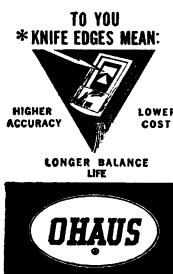
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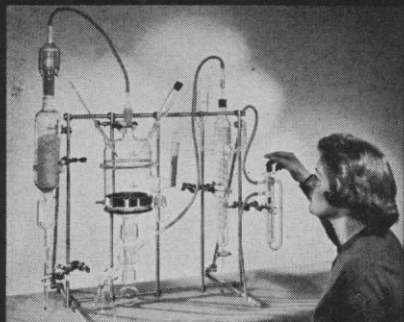
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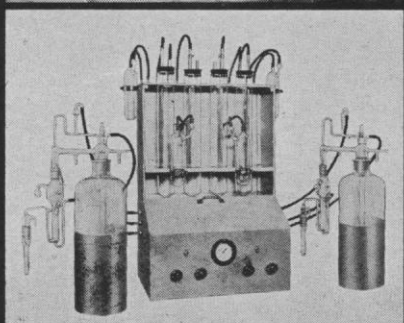


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Medical Schools and Teaching Hospitals: Curriculum, Programming, and Planning (*Ann. N.Y. Acad. Sci.* 128). Harold E. Whipple, Ed. New York Acad. of Sciences, New York, 1965. 264 pp. Illus. Paper, \$5. Thirty-one papers presented at a conference held in March 1965.

The Molecular Designing of Materials and Devices. Arthur R. von Hippel, Ed. M.I.T. Press, Cambridge, Mass., 1965. 283 pp. Illus. \$25. Twenty-seven papers presented at a summer-session course at M.I.T. in 1963.

Muscle. Proceedings of a symposium (Calgary, Alberta), June 1964. W. M. Paul, E. E. Daniel, C. M. Kay, and G. Monckton, Eds. Pergamon, New York, 1965. 600 pp. Illus. \$15. Thirty-seven papers on the following topics: Muscle structure and function (11 papers); Divalent ions and muscle function (4 papers); Role of calcium in smooth muscle activity in vivo (3 papers); Neuromuscular transmission (3 papers); and Muscle structure and function in disease (9 papers).

Optical and Electro-Optical Information Processing. Proceedings of a symposium (Boston, Mass.) November 1964. James T. Tippet, David A. Berkowitz, Lewis C. Clapp, Charles J. Koester, and Alexander Vanderburgh, Jr., Eds. M.I.T. Press, Cambridge, Mass., 1965. 796 pp. Illus. \$30. Forty papers presented at a symposium sponsored by the Professional Group on Electronic Computers of the Institute of Electrical and Electronics Engineers, Boston Chapter; the New England Section of the Optical Society of America; the Greater Boston Chapter of the Association for Computing Machinery; and the Office of Naval Research.

Progress in Biochemical Pharmacology. vol. 1. First International Symposium on Radiosensitizers and Radioprotective Drugs (Milan, Italy), May 1964. R. Paoletti and R. Vertua, Eds. Butterworth, Washington, 1965. 760 pp. Illus. \$28.50. Ninety papers given at the symposium organized by the European Society for Biochemical Pharmacology. The topics were Effects on lower organisms (8 papers); Irradiation of chemical systems (10 papers); In vitro and in vivo effects on mammalian organisms (11 papers); Effects on experimental tumors (6 papers); Chemical sensitization (9 papers); Chemical protection (27 papers); Biological means of protection (6 papers); and Clinical investigations (13 papers).

Reactivity of Solids. Fifth International Symposium (Munich), August 1964. G.-M. Schwab, Ed. Elsevier, New York, 1965. 704 pp. Illus. \$28.50. Sixty-one papers and summaries of five plenary lectures, in English, French, or German.

Third Conference of the International Organization of Citrus Virologists, Proceedings (Campinas and São Paulo, Brazil), September 1963. W. C. Price, Ed. Univ. of Florida Press, Gainesville, 1965. 335 pp. Illus. \$8. Sixty-seven papers.