

course would be based on Chapters I, II, III, VII, and VIII, and need not stress abstractions.

Matrix theory and abstract algebra have become an integral part of every well-rounded undergraduate mathematics curriculum. This has resulted in the publication in recent years of a number of worthwhile accounts. It is not our purpose here to compare each of the available texts with the one by Beaumont and Ball. The better ones will doubtless compete with each other, and anyone planning a course along these lines is urged to look at all of the available material with considerable care before selecting the book best suited to his particular needs.

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Universal Mathematics. By the 1954 Summer Writing Group.

Part I of this "book of experimental text materials" was published in September 1954 by the University of Kansas Book Store. Part II will be available in September 1955 as a publication of the Tulane University Book Store. The writing of these lithographed books has been an activity of the Association's Committee on the Undergraduate Mathematical Program. Persons wishing examination copies of either part should communicate with Professor G. B. Price, Mathematics Department, University of Kansas, Lawrence, Kansas.

C.B.A.

NEW BOOKS RECEIVED

Transform Calculus with an Introduction to Complex Variables. By E. J. Scott. New York, Harper and Brothers, Publishers, 1955. 8+330 pages. \$7.50.

Numerical Methods. By A. D. Booth. New York, Academic Press, Inc., 1955. 7+195 pages. \$6.00.

An Introduction to Stochastic Processes. By M. S. Bartlett. New York, Cambridge University Press, 1955. 14+312 pages. \$6.50.

Binomial Coefficients. Edited by J. C. P. Miller. (Vol. 3 of the Royal Society Mathematical Tables). New York, American Branch of Cambridge University Press, 1954. 8+162 pages. \$5.50.

Proceedings of the First Conference on Training Personnel for the Computing Machine Field. Edited by Arvid W. Jacobson. Detroit, Michigan, Wayne University Press, 1955. 104 pages. \$5.00.

Advanced Mathematics for Engineers, Third Edition. By H. W. Reddick and F. H. Miller. New York, John Wiley and Sons, Inc., 1955. 14+548 pages. \$6.50.

First Course in Algebra for Colleges. By L. J. Adams, New York, Henry Holt and Company, 1955. 6+217 pages. \$3.00.

Integers and Theory of Numbers. By A. A. Fraenkel. New York, Scripta Mathematica, 1955. 102 pages. \$2.75.