

This volume consists of two numbers, containing a total of 18 papers on very diverse topics, reproduced by photo-offset from typescript. The function of the journal appears to be to provide rapid publication of papers by residents of Ann Arbor and vicinity—so rapid, indeed, that the second number, carrying the date July 1952, and actually issued, as far as I can ascertain, in May 1953, contains papers dated as late as January 1953. This suggests experimental confirmation of the hypothesis (which I accept with reluctance) that the desire for speedy publication does not completely overcome the distaste for seeing one's work appear in a less than maximally attractive format.

R. P. BOAS, JR.

#### BRIEF MENTION

*The collected works of Bernhard Riemann.* Ed. by H. Weber, with the assistance of R. Dedekind. With a supplement ed. by M. Noether and W. Wirtinger. A new introduction by Hans Lewy. New York, Dover, 1953. 10+10+558+8+116 pp. \$2.55 paperbound, \$4.95 clothbound.

This is a photographic reprint of the second ed. (1892) of the *Gesammelte Mathematische Werke* and of the *Nachträge* (1902); full bibliographical information is included. There is an 8 page introduction by H. Lewy.

*Topologie*, vol. I. By C. Kuratowski. 3d ed. (Monografie Matematyczne, vol. 20.) Warsaw, Polish Mathematical Society, 1952. 12+450 pp. \$7.50.

This appears to be a photographic reprint of the 2d edition (1948; reviewed in this Bulletin, vol. 58, p. 265) except for the correction of some errors.

*Tables of Chebyshev polynomials  $S_n(x)$  and  $C_n(x)$ .* (National Bureau of Standards Applied Mathematics Series, no. 9.) Washington, U. S. Government Printing Office, 1952. 30+161 pp. \$1.75.

The particular Chebyshev polynomials tabulated here are  $C_n(x) = 2 \cos(n \cos^{-1} x/2)$  and  $S_{n-1}(x) = 2(4-x^2)^{-1/2} \sin(n \cos^{-1} x/2)$ .

*Construction and applications of conformal maps.* Ed. by E. F. Beckenbach. (National Bureau of Standards Applied Mathematics Series, no. 18.) Washington, U. S. Government Printing Office, 1952. 6+280 pp. \$2.25.

This volume contains 32 papers presented at a symposium in 1949.

*Mémoires sur la théorie des systèmes des équations différentielles linéaires.*

By J. A. Lappo-Danilevsky. Three volumes in one. New York, Chelsea, 1953. 14+254+4+208+4+204 pp. \$10.00.

This is a photographic reprint of the author's collected papers as published in *Trav. Inst. Math. Stekloff*, vols. 6-8 (1934-36).

*Theory and application of the gamma function, with a table of the gamma function for complex arguments significant to the sixth decimal place.* By W. Sibagaki. Tokyo, Iwanami Syoten, 1952. 6+202 pp.

The text is in Japanese. The tables occupy pp. 135-187 and give the real and imaginary parts of  $\log \Gamma(z)$  for  $x$  from  $-10$  to more than  $+10$  and  $y$  from  $0$  to  $+10$  at varying intervals.

*The meaning of relativity.* By Albert Einstein. 4th ed. Princeton University Press, 1953. 4+168 pp. \$3.50.

The third edition was reviewed in this Bulletin, vol. 57, p. 207. The fourth edition differs by a new version of Appendix II, now entitled *Generalization of gravitation theory*.

*Les transformations birationnelles du plan.* By L. Godeaux. (Mémorial des Sciences Mathématiques, no. 122.) Paris, Gauthier-Villars, 1953. 71 pp. 900 fr.

"Seconde édition entièrement refondue." The first edition was no. 22 of the same series, published in 1927.

*Fluid dynamics.* (Proceedings of Symposia in Applied Mathematics, vol. 4.) New York, McGraw-Hill, 1953. 5+186 pp. \$7.00.

This volume, published for the Society by McGraw-Hill, contains 13 papers and one abstract. The symposium was held in June, 1951.