

OFFICIAL COMMUNICATIONS

MEETINGS OF THE SOCIETY

NEW YORK CITY, February 22, 1947.

Abstracts must have been in the hands of Associate Secretary T. R. Hollcroft, American Mathematical Society, 531 West 116th St., New York 27, N. Y., not later than January 18. By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, there will be an address by Professor N. H. McCoy entitled *Subdirect sums of rings*.

NEW YORK CITY, April 25–26, 1947.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, American Mathematical Society, 531 West 116th St., New York 27, N. Y., not later than March 21. By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings there will be an address by Professor Claude Chevalley and an address by Professor Max Shiffman entitled *The small and the large in variational analysis*.

CHICAGO, ILLINOIS, April 25–26, 1947.

Abstracts must be in the hands of Associate Secretary R. H. Bruck, North Hall, University of Wisconsin, Madison 6, Wis., not later than March 21. By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings, there will be a symposium by Professor N. E. Steenrod entitled *Foundations of algebraic topology*, and an address by Professor Marcel Riesz entitled *Lorentz transformations and Clifford numbers*.

STANFORD UNIVERSITY, CALIFORNIA, April 26, 1947.

Abstracts must be in the hands of Associate Secretary A. C. Schaeffer, Department of Mathematics, Stanford University, Stanford University, Calif., not later than March 22. By invitation of the Committee to Select Hour Speakers for Far Western Sectional Meetings, there will be an address by Dr. Abraham Seidenberg entitled *The local uniformization theorem*.

SUMMER MEETING: NEW HAVEN, CONNECTICUT, September 2–5, 1947.

Abstracts must be in the hands of Associate Secretary T. R. Hollcroft, American Mathematical Society, 531 West 116th Street, New York 27, N. Y., not later than July 29. Abstracts received by April 1 will appear in the May issue of this BULLETIN. The Colloquium Lectures on *Abstract algebraic geometry* will be given by Professor Oscar Zariski. By invitation of the Committee to Select Hour Speakers for Annual and Summer Meetings, there will be an address by Professor S. S. Wilks entitled *Sampling theory of order statistics*.

NEW YORK CITY, October 25, 1947.

PASADENA, CALIFORNIA, November 29, 1947.

ANNUAL MEETING: ATHENS, GEORGIA, December 29–31, 1947.

J. R. KLINE, *Secretary of the Society*

Articles for insertion in the BULLETIN should be typewritten, double spaced, and the author should keep a complete copy. Papers in algebra and theory of numbers should be sent to SAUNDERS MACLANE, 246 Widener, Harvard University, Cambridge 38, Mass.; in analysis to R. E. LANGER, North Hall, University of Wisconsin, Madison 6, Wis.; in other fields to DEANE MONTGOMERY, Department of Mathematics, Yale University, New Haven, Conn. Reviews should be sent to E. R. LORCH, Milbank Hall, Columbia University, New York 27, N. Y., and items for Notes to BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY, 531 West 116th St., New York 27, N. Y. All communications relating to the odd-numbered issues of the BULLETIN should be sent to E. B. STOFFER, University of Kansas, Lawrence, Kan., and all other communications to the editors should be addressed to the Managing Editor, SAUNDERS MACLANE, 246 Widener, Harvard University, Cambridge 38, Mass.

The initial fees and annual dues of members of the Society (see this BULLETIN, May, 1930, p. 322; and November, 1946, Part 2, p. 105) are payable to the Treasurer of the Society, B. P. GILL, 531 West 116th St., New York 27, N. Y.

CONTENTS

Vol. 53, No. 2 FEBRUARY, 1947 Whole No. 569

	Page
Irreducible representations of operator algebras. By I. E. SEGAL	73
On functions having subharmonic logarithms. By M. O. READE	89
A particular generalized Laplacian. By M. O. READE.....	96
On areolar monogenic functions. By M. O. READE.....	98
A Cantor function constructed by continued fractions. By F. HERZOG and B. H. BISSINGER.....	104
Note on the degree of convergence of sequences of polynomials. By J. L. WALSH and E. N. NILSON.....	116
Subseries of series which are not absolutely convergent. By R. P. AGNEW.....	118
Absolute and unconditional convergence. By M. S. MACPHAIL.	121
A property of derivatives. By J. A. CLARKSON.....	124
The converse of a theorem of Tchaplygin on differential inequalities. By J. E. WILKINS.....	126
The behavior of measure and measurability under change of scale in Wiener space. By R. H. CAMERON and W. T. MARTIN	130
On the set of values of a finite measure. By P. R. HALMOS....	138
Limit distribution of the maximum and minimum of successive cumulative sums of random variables. By ABRAHAM WALD..	142
Note on the zeros of $P_n^m(\cos \theta)$ and $dP_n^m(\cos \theta)/d\theta$ considered as functions of n . By C. W. HORTON.....	153
From among n conjugate algebraic integers, $n-1$ can be ap- proximately given. By TH. MOTZKIN.....	156
On Mersenne's number M_{199} and Lucas's sequences. By H. S. UHLER.....	163
On the factors of $2^n \pm 1$. By D. H. LEHMER.....	164
On k -to-1 transformations. By W. H. GOTTSCHALK.....	168
A characterization of a semi-locally-connected plane continuum. By F. B. JONES.....	170
Open transformations and dimension. By J. H. ROBERTS.....	176
Curvature in Hermitian metric. By S. BOCHNER.....	179
A characterization of Minkowskian geometry. By NORMAN DAVIDS.....	196