

THE OCTOBER MEETING IN NEW YORK

The three hundred ninety-ninth meeting of the American Mathematical Society was held at Columbia University on Saturday, October 30, 1943. The attendance included the following one hundred thirty-one members of the Society:

C. F. Adler, A. A. Albert, R. L. Anderson, T. W. Anderson, R. G. Archibald, L. A. Aroian, E. G. Begle, Stefan Bergman, Felix Bernstein, Lipman Bers, J. H. Bigelow, Gertrude Blanch, A. H. Bowker, C. B. Boyer, A. B. Brown, R. C. Buck, Hobart Bushey, J. H. Bushey, S. S. Cairns, I. S. Carroll, L. M. Comer, T. F. Cope, Richard Courant, A. P. Cowgill, A. T. Craig, M. D. Darkow, R. L. Dietzold, Jesse Douglas, Jacques Dutka, Samuel Eilenberg, E. E. Fedder, J. M. Feld, A. D. Fialkow, Tomlinson Fort, R. M. Foster, W. C. G. Fraser, K. O. Friedrichs, R. E. Fullerton, Godofredo Garcia, H. P. Geiringer, Abe Gelbart, David Gilbarg, B. P. Gill, Lewis Greenwald, Laura Guggenbühl, E. J. Gumbel, Jacques Hadamard, P. R. Halmos, Olaf Helmer, M. R. Hestenes, L. S. Hill, Einar Hille, Abraham Hillman, T. R. Hollcroft, Harold Hotelling, J. L. Howell, E. M. Hull, L. C. Hutchinson, W. H. Ingram, S. A. Joffe, S. A. Kiss, H. S. Kieval, J. R. Kline, B. O. Koopman, M. E. Ladue, Cornelius Lanczos, Solomon Lefschetz, B. A. Lengyel, Norman Levinson, D. C. Lewis, E. R. Lorch, A. N. Lowan, E. J. McShane, L. A. MacColl, H. F. MacNeish, A. J. Maria, D. H. Maria, W. T. Martin, L. W. Miller, E. C. Molina, Deane Montgomery, E. J. Moulton, G. W. Mullins, F. J. Murray, C. A. Nelson, G. E. Noether, P. B. Norman, C. O. Oakley, F. W. Perkins, George Piranian, E. L. Post, G. B. Price, L. L. Rauch, H. W. Reddick, Eric Reissner, Moses Richardson, J. F. Ritt, E. K. Ritter, S. L. Robinson, P. C. Rosenbloom, J. E. Rosenthal, M. G. Scherberg, O. H. Schmidt, Seymour Sherman, Max Shiffman, J. A. Shohat, James Singer, D. M. Smiley, M. F. Smiley, P. A. Smith, Wolfgang Sternberg, J. J. Stoker, R. R. Stoll, E. G. Straus, W. C. Strodt, Fred Supnick, Feodor Theilheimer, W. J. Thron, Peter Treuenfels, H. F. Tuan, J. W. Tukey, D. F. Votaw, W. R. Wasow, Louis Weisner, A. P. Wheeler, W. F. Whitmore, S. S. Wilks, John Williamson, Jacob Wolfowitz, Alexander Wundheiler, Oscar Zariski.

There was a session for contributed papers in the morning at which Professor Deane Montgomery presided. Professor J. F. Ritt presided at the afternoon session.

A business meeting was held at the opening of the afternoon session at which the Society voted to amend Article III, Section 1, and Article IX, Sections 1 and 2 of the By-Laws to read:

ARTICLE III. EDITORIAL COMMITTEES

Section 1. There shall be six Editorial Committees—one of four members for the Bulletin, one of three members for the Transactions, one of three members for the Mathematical Reviews, one of three members for the Colloquium Publications, one of three members for the Mathematical Surveys, and one consisting of three representatives of the Society on the Board of Editors of the American Journal of Mathematics.

ARTICLE IX. PUBLICATIONS

Section 1. The Society shall publish an official organ called the Bulletin of the American Mathematical Society. It shall publish a journal called the Transactions of the American Mathematical Society, the object of which shall be to make known important researches presented at meetings of the Society. It shall publish a periodical called Mathematical Reviews containing abstracts or reviews of current mathematical literature. It shall publish a series of volumes called Colloquium Publications which shall embody in book form new mathematical developments. It shall publish a series of monographs called Mathematical Surveys which shall furnish expositions of the principal methods and results of particular fields of mathematical research. It shall also cooperate in the conduct of the American Journal of Mathematics.

Section 2. The editorial management of the Bulletin, Transactions, Mathematical Reviews, Colloquium Publications, and Mathematical Surveys, and the participation of the Society in the management of the American Journal of Mathematics shall be in charge of the respective Editorial Committees as provided in Article III, Section 1.

Following the business meeting Professor W. T. Martin of Syracuse University gave an address entitled *Mappings by means of systems of analytic functions of several complex variables*.

Titles and cross references to the abstracts of papers read follow below. Papers whose abstract numbers are followed by the letter *t* were read by title. The papers numbered 1–8 were read in the morning session and papers 9–22 were presented by title. Paper 2 was read by Mr. Buck, paper 3 by Dr. Bers; paper 4 was read for the authors by Professor Jesse Douglas. Mr. Haimo was introduced by Professor F. L. Griffin, and Mr. Salzer by Professor A. N. Lowan.

1. Max Shiffman: *Isoperimetric inequalities and continuity of area for classes of surfaces*. (Abstract 49-11-272.)

2. R. C. Buck and Harry Pollard: *Convergence and summability properties of subsequences*. (Abstract 49-11-256.)

3. Lipman Bers and Abe Gelbart: *On functions satisfying certain systems of partial differential equations*. (Abstract 50-1-20.)

4. Edward Kasner and John DeCicco: *A generalized theory of contact transformations*. (Abstract 49-9-235.)

5. J. A. Shohat: *Parseval formula in its application to Van der Pol's and generalized equations*. (Abstract 49-11-293.)

6. Norman Levinson: *On a nonlinear differential equation of the second order*. (Abstract 49-11-264.)

7. R. R. Stoll: *Representations of completely simple semigroups*. (Abstract 49-11-248.)

8. L. A. MacColl: *Geometrical characterizations of some families of dynamical trajectories*. (Abstract 49-11-299.)

9. Stefan Bergman: *The determination of singularities of functions*

satisfying a partial differential equation from the coefficients of their series development. (Abstract 50-1-18-t.)

10. Lipman Bers and Abe Gelbart: *On a class of functions defined by certain partial differential equations.* (Abstract 50-1-19-t.)

11. R. C. Buck: *A note on subsequences.* (Abstract 49-11-254-t.)

12. R. C. Buck: *Multiple sequences.* (Abstract 49-11-255-t.)

13. R. C. Buck: *Partition of space.* (Abstract 49-11-296-t.)

14. Herbert Federer: *Surface area. I.* (Abstract 49-11-259-t.)

15. Herbert Federer: *Surface area. II.* (Abstract 49-11-260-t.)

16. Franklin Haimo: *Periodic functions on algebraic systems.* (Abstract 49-1-2-t.)

17. A. N. Lowan and H. E. Salzer: *Table of coefficients for inverse interpolation.* (Abstract 49-9-224-t.)

18. A. P. Morse: *A theory of covering and differentiation.* (Abstract 49-11-266-t.)

19. A. P. Morse and J. F. Randolph: *The ϕ rectifiable subsets of the plane.* (Abstract 49-11-267-t.)

20. F. J. Murray: *On the existence of quasi-complements in Banach spaces.* (Abstract 49-11-268-t.)

21. H. E. Salzer: *Coefficients for numerical integration with central differences.* (Abstract 49-9-237-t.)

22. Antoni Zygmund: *On certain integrals.* (Abstract 49-11-276-t.)

T. R. HOLLCROFT,
Associate Secretary