THE OCTOBER MEETING IN NEW YORK

The three hundred seventy-second meeting of the American Mathematical Society was held at Columbia University on Saturday, October 26, 1940. The attendance included the following one hundred sixty-eight members of the Society:

Leon Alaoglu, C. B. Allendoerfer, Warren Ambrose, R. G. Archibald, K. J. Arrow, M. F. Becker, E. E. Betz, Gertrude Blanch, R. P. Boas, H. F. Bohnenblust, W. M. Bond, Samuel Borofsky, D. G. Bourgin, C. B. Boyer, A. T. Brauer, H. C. Brodie, A. A. F. Brown, A. B. Brown, Jewell H. Bushey, J. H. Bushey, S. S. Cairns, W. D. Cairns, J. W. Calkin, A. D. Campbell, E. W. Cannon, Achille Capecelatro, J. A. Clarkson, T. F. Cope, Byron Cosby, Richard Courant, H. B. Curry, M. D. Darkow, Norman Davids, M. R. Demers, C. H. Dix, Jesse Douglas, J. E. Eaton, M. L. Elveback, H. T. Engstrom, Paul Erdös, C. J. Everett, G. M. Ewing, J. M. Feld, Aaron Fialkow, E. J. Finan, G. E. Forsythe, R. M. Foster, J. S. Frame, K. O. Friedrichs, Orrin Frink, T. C. Fry, G. N. Garrison, H. P. Geiringer, B. P. Gill, J. W. Givens, Saul Gorn, S. L. Greitzer, H. M. Griffin, D. W. Hall, F. C. Hall, N. A. Hall, Hans-Karl Hammer, D. C. Harkin, Philip Hartman, M. H. Heins, Edward Helly, J. G. Herriot, E. H. C. Hildebrandt, Einar Hille, Banesh Hoffmann, Lulu Hofmann, T. R. Hollcroft, E. A. Hoy, R. Y. Hoy, E. M. Hull, Seymour Jablon, R. L. Jeffrey, S. A. Joffe, R. A. Johnson, Edward Kasner, L. S. Kennison, J. R. Kline, R. F. Koch, B. O. Koopman, Arthur Korn, A. W. Landers, M. K. Landers, Solomon Lefschetz, C. A. Lester, Howard Levi, Madeline Levin, Marie Litzinger, L. H. Loomis, E. R. Lorch, A. N. Lowan, Brockway McMillan, C. C. MacDuffee, H. F. MacNeish, Dorothy Maharam, P. T. Maker, A. J. Maria, D. H. Maria, Walther Mayer, A. E. Meder, H. L. Mintzer, Don Mittleman, E. C. Molina, Deane Montgomery, Marston Morse, Z. I. Mosesson, C. A. Nelson, Philip Newman, Oystein Ore, J. C. Oxtoby, Gordon Pall, W. F. Penney, B. J. Pettis, E. L. Post, Walter Prenowitz, C. J. Rees, M. S. Rees, H. J. Riblet, R. G. D. Richardson, J. F. Ritt, I. F. Ritter, H. E. Robbins, S. L. Robinson, Benjamin Rosenbaum, J. E. Rosenthal, Arthur Sard, Abraham Schwartz, I. E. Segal, Hyman Serbin, Stephan Serghiesco, L. W. Sheridan, Seymour Sherman, Max Shiffman, James Singer, Abraham Sinkov, L. L. Smail, P. A. Smith, Abraham Spitzbart, Wolfgang Sternberg, C. N. Stokes, M. H. Stone, W. C. Strodt, Alvin Sugar, M. M. Sullivan, W. G. Swope, J. D. Tamarkin, J. M. Thomas, Arthur Tilley, E. W. Titt, C. B. Tompkins, W. J. Trjitzinsky, J. W. Tukey, Annita Tuller, G. C. Webber, Louis Weisner, M. E. Wells, William Wernick, A. P. Wheeler, O. L. Wheeler, A. L. Whiteman, H. P. Wirth, Jack Wolfe, Leo Zippin, Antoni Zygmund.

The meeting opened Saturday morning with two sessions: Analysis, Professors Einar Hille and J. R. Kline presiding; and Algebra and Geometry, Professor S. S. Cairns presiding. At the afternoon session, at which Vice President T. C. Fry presided, Professor H. B. Curry gave an address entitled *Some aspects of the problem of mathematical rigor*.

Titles and cross references to the abstracts of the papers read follow below. Papers whose abstract numbers are followed by the letter *t*

were read by title. The papers numbered 1 to 8 were read before the section for Analysis; those numbered 9 to 13 before the section for Algebra and Geometry; and those numbered 14 to 21 were read by title.

1. G. E. Forsythe: *On Riesz summability methods of order r, for $\mathcal{R}(r) < 0$*. Preliminary report. (Abstract 46-11-488.)

2. Jenny E. Rosenthal: *Generating functions and properties of certain orthogonal polynomials*. II. (Abstract 46-11-501.)

3. I. E. Segal: *The space of Besicovitch almost periodic functions*. (Abstract 46-11-505.)

4. A. B. Brown: *On the number of independent parameters*. (Abstract 46-11-485.)

5. P. T. Maker: *A topological characterization of monotone functions*. Preliminary report. (Abstract 46-11-496.)

6. E. R. Lorch: *The integral representation of weakly almost-periodic transformations in reflexive vector spaces*. (Abstract 46-7-361.)

7. Einar Hille: *A class of differential operators of infinite order*. II. (Abstract 47-1-31.)

8. L. H. Loomis: *The decomposition of meromorphic functions into rational functions of univalent functions*. (Abstract 46-11-495.)

9. Saul Gorn: *Homomorphisms and modular functionals*. (Abstract 46-11-489.)

10. N. A. Hall: *The solution of the quadrinomial equation in infinite series by the method of iteration*. (Abstract 46-11-490.)

11. A. T. Brauer: *On a problem of partitions*. (Abstract 46-11-484.)

12. Aaron Fialkow: *The conformal theory of a hypersurface*. (Abstract 46-11-487.)

13. William Wernick: *Distributive properties of set operators*. (Abstract 46-11-506.)

14. R. S. Martin: *Minimal positive harmonic functions*. (Abstract 47-1-37-t.)

15. Francisco Perez: *A generalization of the theory of invariant factors and similar matrices*. (Abstract 46-11-498-t.)

16. L. B. Robinson: *A functional equation with negative exponent*. (Abstract 46-11-500-t.)

17. L. B. Robinson: *A functional equation with a singular line*. (Abstract 46-11-499-t.)

18. Peter Scherk: *On real closed curves of the order $n+1$ in the projective n-space*. Preliminary report. (Abstract 46-11-502-t.)

19. H. S. Wall: *Real power series bounded in the unit circle*. (Abstract 46-9-440-t.)

20. William Wernick: *Functional dependence in the calculus of propositions*. (Abstract 46-11-507-*t*.)

21. Hassler Whitney: *The mappings of a 3-complex into a space with vanishing fundamental group*. (Abstract 46-11-508-*t*.)

<div align="right">

T. R. HOLLCROFT,
Associate Secretary

</div>

THE NOVEMBER MEETING IN DETROIT

The three hundred seventy-third meeting of the American Mathematical Society was held at Wayne University, Detroit, Michigan, on Friday and Saturday, November 22–23, 1940. Ninety-five persons registered including the following sixty-nine members of the Society:

Max Astrachan, J. V. Atanasoff, W. L. Ayres, I. A. Barnett, E. F. Beckenbach, R. A. Beth, W. M. Borgman, H. K. Brown, R. S. Burington, R. V. Churchill, C. J. Coe, A. H. Copeland, Max Coral, C. C. Craig, J. M. Dobbie, M. J. Dunford, Ben Dushnik, W. D. Duthie, P. S. Dwyer, Samuel Eilenberg, A. G. Fleiger, K. W. Folley, Morris Friedman, H. H. Goldstine, V. G. Grove, O. G. Harrold, B. A. Hausmann, G. E. Hay, E. D. Hellinger, T. H. Hildebrandt, J. D. Hill, C. C. Hurd, F. B. Jones, Samuel Kaplan, Wilfred Kaplan, D. K. Kazarinoff, J. L. Kelley, E. D. McCarthy, A. V. Martin, D. D. Miller, E. W. Miller, D. C. Morrow, S. B. Myers, A. L. Nelson, C. J. Nesbitt, J. W. Odle, E. W. Paxson, E. C. Pixley, V. C. Poor, J. E. Powell, G. Y. Rainich, E. D. Rainville, C. E. Rickart, Arthur Rosenthal, J. B. Rosser, W. T. Scott, H. A. Simmons, B. M. Stewart, Otto Szász, Leonard Tornheim, A. W. Tucker, W. A. Vezeau, H. S. Wall, I. T. Weinberg, E. T. Welmers, K. P. Williams, L. A. Wolf, M. C. Wolf, J. W Zimmer.

The meeting opened Friday afternoon with a session for short papers, followed by an address by Professor J. B. Rosser of Cornell University entitled *Many-valued logics*. On Saturday morning Professor H. S. Wall of Northwestern University delivered an address under the title *Some recent developments in the theory of continued fractions*, and the meeting closed with a second session for short papers. Professor A. L. Nelson presided on Friday afternoon and Professor K. P. Williams on Saturday morning.

On Friday evening a dinner was held at the Belcrest Hotel with sixty-six persons attending. Professor A. L. Nelson presided at the dinner and Dean W. W. Whitehouse of Wayne University welcomed the Society in behalf of the institution. At the Saturday session Professor E. F. Beckenbach presented a resolution of appreciation to Wayne University and its Department of Mathematics for their hospitality.