

THE FEBRUARY MEETING IN NEW YORK

The three hundred thirty-ninth meeting of the American Mathematical Society was held at Columbia University on Saturday, February 20, 1937. The attendance included the following one hundred eight members of the Society:

R. P. Agnew, V. A. Ames, R. L. Anderson, Reinhold Baer, R. P. Bailey, M. F. Becker, Gertrude Blanch, H. F. Bohnenblust, Samuel Borofsky, C. B. Boyer, H. W. Brinkmann, A. B. Brown, J. H. Bushey, J. Hughes Bushey, J. A. Clarkson, George Comenetz, M. D. Darkow, Norman Davidowitz, Arnold Dresden, Melvin Dresher, W. L. Duren, H. F. Fehr, Aaron Fialkow, R. M. Foster, T. C. Fry, A. S. Gale, B. P. Gill, J. W. Givens, C. C. Grove, Margaret Gurney, Israel Halperin, Alan Hazeltine, L. S. Hill, Einar Hille, Lulu Hofmann, T. R. Hollcroft, I. M. Hostetter, Harold Hotelling, E. M. Hull, Witold Hurewicz, R. A. Johnson, I. N. Kagno, Edward Kasner, J. R. Kline, Solomon Lefschetz, D. H. Lehmer, Madeline Levin, L. A. Lorch, A. N. Lowan, J. C. C. McKinsey, L. A. MacColl, H. M. MacNeille, H. F. MacNeish, W. T. Martin, Walther Mayer, A. E. Meder, J. A. Mira, E. C. Molina, Deane Montgomery, C. A. Nelson, C. O. Oakley, Alta Odoms, Oystein Ore, A. E. Pitcher, E. L. Post, Walter Prenowitz, R. G. Putnam, H. A. Rademacher, J. F. Randolph, M. S. Rees, C. F. Rehberg, F. G. Reynolds, Moses Richardson, R. G. D. Richardson, J. F. Ritt, M. S. Robertson, S. L. Robinson, B. M. Rubin, O. F. G. Schilling, I. J. Schoenberg, Max Shiffman, C. G. Shover, L. P. Siceloff, Olive Sinclair, James Singer, Abraham Sinkov, P. A. Smith, W. M. Smith, R. C. Stauffer, N. E. Steenrod, W. C. Strodt, M. M. Sullivan, J. M. Thomas, T. Y. Thomas, A. W. Tucker, I. L. Van Dyck, Oswald Veblen, W. A. Vezeau, Louis Weisner, M. J. Weiss, A. L. Whiteman, Norbert Wiener, A. H. Wilson, H. P. Wirth, H. N. Wright, Oscar Zariski, Leo Zippin, H. S. Zuckerman.

The meeting opened on Saturday morning with a session for short papers. In the afternoon there was a general session at which Professor T. R. Hollcroft gave an address on *The existence of algebraic plane curves with given singularities*.

Titles and cross references to the abstracts of the papers read at this meeting follow below; papers whose abstract numbers are followed by the letter *t* were read by title. Papers numbered 1 to 10 were read at the morning session, Professor J. F. Ritt presiding. Professor Norbert Wiener presided at the afternoon session. Mr. Whiteman was introduced by Professor Leonard Carlitz.

1. *Almost periodic transformation groups*, by Professor Deane Montgomery. (Abstract 43-3-102.)

2. *On a generalized theorem of higher reciprocity*, by Mr. A. L. Whiteman. (Abstract 43-3-108.)

3. *Systems of algebraic partial difference equations*, by Mr. W. C. Strodt. (Abstract 43-3-107.)

4. *Comparisons of products of methods of summability*, by Professor R. P. Agnew. (Abstract 43-3-96.)

5. *A convergent series for the partition function $p(n)$* , by Professor H. A. Rademacher. (Abstract 43-1-91.)

6. *On the Hardy-Ramanujan series for the partition function*, by Dr. D. H. Lehmer. (Abstract 43-3-101.)

7. *A note on the convergence of linear operations*, by Dr. R. P. Bailey. (Abstract 43-3-97.)

8. *On certain metric spaces arising from euclidean spaces by a change of metric and their imbedding in Hilbert space*, by Dr. I. J. Schoenberg. (Abstract 43-3-105.)

9. *Systems of plane curves*, by Dr. Aaron Fialkow (National Research Fellow). (Abstract 43-1-90.)

10. *On generating the simple group $LF(2, 2^N)$ by two operators of periods two and three* (preliminary report), by Dr. Abraham Sinkov. (Abstract 43-3-106.)

11. *On lattices of hyperplanes. I*, by Mr. Garrett Birkhoff. (Abstract 43-3-98-t.)

12. *Internal and external means arising from the scaling of frequency functions*, by Professor E. L. Dodd. (Abstract 43-1-88-t.)

13. *A note on groups of order 24*, by Dr. D. M. Dribin (National Research Fellow). (Abstract 43-3-99-t.)

14. *Plane cubic curves invariant under quadratic transformations*, by Dr. J. M. Feld. (Abstract 43-1-89-t.)

15. *The schools of thought in modern mathematics*, by Mr. E. H. Larguier. (Abstract 43-3-100-t.)

16. *Critical points of a pair of functions* (preliminary report), by Dr. A. E. Pitcher. (Abstract 43-3-103-t.)

17. *Multivalent functions of order p* , by Dr. M. S. Robertson. (Abstract 43-3-104-t.)

18. *A theory of oriented angles in the foundations of geometry*, by Dr. A. R. Schweitzer. (Abstract 43-1-92-t.)

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Secretary