THE APRIL MEETING AT STANFORD UNIVERSITY

The three hundred forty-first meeting of the American Mathematical Society was held at Stanford University on Saturday, April 3, 1937. The sessions were presided over at various times by Professors H. F. Blichfeldt, E. T. Bell, G. C. Evans, and W. A. Manning.

The attendance, about fifty in number, included the following thirty members of the Society:

H. M. Bacon, E. T. Bell, B. A. Bernstein, H. F. Blichfeldt, H. G. Brown, F. W. Dresch, John Dyer-Bennet, G. C. Evans, A. L. Foster, E. C. Goldsworthy, J. W. Green, O. G. Harrold, M. A. Heaslet, M. R. Hestenes, Glenn James, R. D. James, S. H. Levy, Hans Lewy, A. T. Lonseth, Dorothy Manning, W. A. Manning, Kenneth May, A. D. Michal, C. B. Morrey, T. M. Putnam, Pauline Sperry, Alvin Sugar, A. E. Taylor, J. M. Thompson, R. K. Wakerling.

Luncheon for members and their guests was served at the University Union.

Titles of papers read at the meeting follow. Those whose abstract numbers are followed by the letter t were read by title. Mr. Hall was introduced by Professor Bell; Messrs. Arnold, Elconin, Hyers, and Paxson by Professor Michal; Miss Manning by Professor Manning; Mr. Dresch and Mr. Shephard by Professor Evans; and Mr. Olds by Professor Uspensky.

1. *Concerning the convexification of continuous curves.* I, by Dr. O. G. Harrold, Jr. (Abstract 43-3-218.)

2. *Remarks on Nicod's reduction of Principia Mathematica,* by Professor B. A. Bernstein. (Abstract 43-3-219.)

3. *On binary quadratic forms with a single class in each genus,* by Mr. N. A. Hall. (Abstract 43-3-220.)

4. *The abstract theory of analytic functions and certain special cases,* by Dr. A. E. Taylor. (Abstract 43-3-221.)

5. *Reducible ternary arithmetical cubics,* by Professor E. T. Bell. (Abstract 43-3-222.)

6. *On simply transitive groups with transitive Abelian subgroups of the same degree.* II, by Miss Dorothy Manning. (Abstract 43-3-223.)

7. *A set of independent postulates for a group with equality undefined,* by Mr. H. A. Arnold. (Abstract 43-3-225.)

8. *Quotient differentials*, by Mr. Victor Elconin. (Abstract 43-3-226.)

9. *Arithmetic prime-decomposition and Boolean algebra*, by Dr. A. L. Foster. (Abstract 43-3-227.)

10. *A note on linear topological spaces*, by Mr. D. H. Hyers. (Abstract 43-3-228.)

11. *The general equilibrium and a simplified economic system*, by Mr. F. W. Dresch. (Abstract 43-3-229.)

12. *A problem in additive number theory*, by Professor R. D. James. (Abstract 43-3-230.)

13. *A further existence theorem for the ordinary differential equation in a linear topological space*, by Mr. E. W. Paxson. (Abstract 43-3-232.)

14. *On diophantine approximations*, by Professor H. F. Blichfeldt. (Abstract 43-3-233.)

15. *Quadratic functionals in the calculus of variations*, by Dr. M. R. Hestenes. (Abstract 43-3-234.)

16. *Problems of the incidence of taxation in a simplified economic system*, by Mr. R. W. Shephard. (Abstract 43-3-235.)

17. *The remainder in the approximate evaluation of the probability in the symmetrical case of James Bernoulli's theorem*, by Mr. C. D. Olds. (Abstract 43-3-236.)

18. *Properties of the quotients of the parameters in Fermat's equation*, by Professor Glenn James. (Abstract 43-3-237.)

19. *Waring's problem for a set of non-negative integers related to the polynomial $m(x^3 - x)/6 + x$*, by Dr. Alvin Sugar. (Abstract 43-3-238.)

20. *On the expansion of the remainder in the open-type Newton-Cotes quadrature formula*, by Dr. O. G. Harrold, Jr. (Abstract 43-3-239-*t*.)

21. *Polynomial and semi-polynomial forms of the confluent hypergeometric functions of two variables*, by Mr. N. A. Hall. (Abstract 43-3-240-*t*.)

22. *Commutative one-dimensional linear transformations*, by Professor Clifford Bell. (Abstract 43-3-241-*t*.)

23. *Representations in certain pure forms of degrees higher than the second*, by Professor E. T. Bell. (Abstract 43-3-242-*t*.)

24. *Characteristic differential properties of abstract differentiable groups*, by Mr. Victor Elconin. (Abstract 43-3-243-*t*.)

25. *The principal differential*, by Mr. Victor Elconin. (Abstract 43-3-244-*t*.)

26. *Additive number theory for the general cubic polynomial* (preliminary report), by Dr. Alvin Sugar. (Abstract 43-3-245-*t*.)

27. *Differential geometry of an abstract topological group with Banach coordinates*. II, by Professor A. D. Michal. (Abstract 43-3-231-*t*.)

28. *Arithmetical properties of sequences in rings*, by Professor Morgan Ward. (Abstract 43-3-224-*t*.)

T. M. PUTNAM,
Associate Secretary

THE APRIL MEETING IN CHICAGO

The three hundred forty-second meeting of the American Mathematical Society was held at the University of Chicago on Friday and Saturday, April 9–10, 1937. This meeting was the largest spring meeting in Chicago in the history of the Society. There were about two hundred persons in attendance, among whom were the following one hundred fifty-five members of the Society:

A. A. Albert, G. E. Albert, C. B. Allendoerfer, J. V. Atanasoff, W. L. Ayres, R. W. Babcock, R. H. Bardell, I. A. Barnett, Walter Bartky, S. F. Bibb, M. T. Bird, K. E. Bisshopp, G. A. Bliss, Henry Blumberg, L. M. Blumenthal, C. P. Brady, H. R. Brahana, J. L. Brenner, F. L. Brooks, R. S. Burington, L. E. Bush, F. A. Butter, W. D. Cairns, H. H. Campaigne, Harold Chatland, E. W. Chittenden, R. V. Churchill, A. B. Coble, L. W. Cohen, A. H. Copeland, Max Coral, J. J. Corliss, A. P. Cowgill, D. R. Curtiss, J. E. Davis, W. M. Davis, L. E. Dickson, J. L. Doob, P. L. Dressel, W. L. Duren, E. B. Escott, H. P. Evans, H. S. Everett, G. M. Ewing, Morris Friedman, A. S. Gale, H. L. Garabedian, H. H. Goldstine, G. D. Gore, Cornelius Gouwens, L. M. Graves, Louis Green, V. G. Grove, M. B. Haberzetle, D. W. Hall, W. L. Hart, G. A. Herr, A. D. Hestenes, T. H. Hildebrandt, Ralph Hull, C. C. Hurd, M. H. Ingraham, Dunham Jackson, E. D. Jenkins, Fritz John, C. D. Jones, V. R. Jones, A. J. Kempner, J. H. Kenna, W. S. Kimball, Fred Kiokemeister, S. C. Kleene, W. C. Krathwohl, A. C. Ladner, E. P. Lane, R. E. Langer, Lincoln LaPaz, C. G. Latimer, Solomon Lefschetz, R. A. Leibler, M. I. Logsdon, Louis De La Salle, H. A. Luther, E. J. McShane, C. C. MacDuffee, M. L. MacQueen, Morris Marden, Mary C. Garvin, R. G. Mason, A. E. May, J. R. Mayor, C. W. Mendel, Karl Menger, E. W. Miller, W. E. Milne, W. B. Morgan, Marston Morse, E. J. Moulton, S. B. Myers, A. L. Nelson, I. M. Niven, E. A. Nordhaus, Rufus Oldenburger, A. C. Olshen, E. J. Olson, A. P. O'Mara,