

THE NOVEMBER MEETING IN PASADENA

The four hundred first meeting of the American Mathematical Society was held at the California Institute of Technology on Saturday, November 27, 1943. The attendance was about one hundred thirty, including the following thirty-five members of the Society:

E. T. Bell, W. Z. Chien, P. H. Daus, R. P. Dilworth, H. J. Hamilton, F. C. Hinds, P. G. Hoel, D. G. Humm, D. H. Hyers, C. G. Jaeger, Glenn James, R. C. James, C. C. Lin, W. E. Mason, A. D. Michal, M. M. Mills, K. T. Millsaps, G. H. Peebles, Sam Perlis, W. C. Randels, William Shand, G. E. F. Sherwood, S. C. Snowdon, D. V. Steed, Alfred Tarski, A. E. Taylor, B. P. Taylor, T. Y. Thomas, S. E. Urner, F. A. Valentine, Morgan Ward, L. E. Wear, W. M. Whyburn, E. R. Worthington, Max Zorn.

After a brief opening session for contributed papers at which Professor A. E. Taylor presided, the meeting in the morning was devoted to the invited one hour addresses at which Professor T. Y. Thomas presided. By invitation of the Program Committee, Dr. Alfred Tarski of the University of California spoke on *Paradoxes of geometrical congruence* and Professor Max Zorn of the University of California at Los Angeles on *Mathematical induction*.

The Symposium on Applied Mathematics was held in the afternoon with Professor A. D. Michal presiding. Professor Theodore von Kármán of the California Institute of Technology and Northrop Aircraft Corporation spoke on *Generalized airplane wing theory*, Professor P. Y. Chou of National Tsing Hua University and the California Institute of Technology on *Velocity correlations and the solutions of the equations of turbulent fluctuation*, and Mr. Paul Lieber of the Douglas Aircraft Corporation on *Some applications of matrices to flutter and related phenomena*. In the absence of Mr. Lieber, the last address was read by Mr. K. Latzer of the Douglas Aircraft Corporation.

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. Papers 1 to 3 were read in the morning session while papers 4 to 6 were read by title. Paper 3 was read by Dr. Perlis.

1. R. P. Dilworth: *A decomposition theorem for partially ordered sets*. (Abstract 50-1-7.)
2. R. C. James: *Orthogonality and differentiability in normed linear spaces*. (Abstract 50-1-26.)
3. Roy Dubisch and Sam Perlis: *On the radical of a non-associative algebra*. Preliminary report. (Abstract 50-1-8.)

4. František Wolf: *On a problem of L. M. K. Boelter. Viscous fluid forced through a heated vertical pipe.* (Abstract 50-1-43-t.)

5. E. J. Purcell: *Variety congruences of order one in n -dimensional space.* (Abstract 50-1-47-t.)

6. K. T. Millsaps: *A note on generalized Hilbert space.* (Abstract 50-1-48-t.)

A. D. MICHAL,
Associate Secretary