

## THE APRIL MEETING IN CHICAGO

The five hundred twenty-third meeting of the American Mathematical Society was held at the University of Chicago on Thursday, Friday and Saturday, April 12, 13 and 14. There were a total of 360 registrations, including 317 members of the Society.

By decision of the Council of the Society, there was a Symposium on *Calculus of variations and its applications*. The Symposium was supported by contract with the cosponsoring organization, the Office of Ordnance Research. Sessions of the Symposium were held on Thursday and Friday morning and on Thursday afternoon.

In the first session on Thursday morning, Professor Eric Reissner of the Massachusetts Institute of Technology spoke on *Variational methods in linear theory of elasticity*; Professor D. C. Drucker of Brown University on *Variational principles in the mathematical theory of plasticity*; and Professor J. B. Keller, New York University, on *Variational methods in wave propagation*. The Chairman of the session was Professor L. M. Graves of the University of Chicago.

The Chairman for the session on Thursday at 2:00 P.M. was Professor C. A. Truesdell of Indiana University. The three addresses were entitled *Upper and lower bounds for eigenvalues*, *Stationary principles for forced vibrations in elasticity and electromagnetism*, and *Applications of variational methods in the theory of conformal mapping*. The speakers were, respectively, Professor J. B. Diaz, University of Maryland; Professor J. L. Synge, Dublin Institute for Advanced Studies; and Professor M. M. Schiffer, Stanford University.

At the session on Friday at 9:30 A.M., Dr. R. E. Bellman of the RAND Corporation, Professor Subrahmanyan Chandrasekhar, University of Chicago, and Professor E. H. Rothe of the University of Michigan were the speakers. The topics were, respectively, *Dynamic programming and its application to variational problems in mathematical economics*, *Variational principles in stability problems in hydrodynamics and hydromagnetics*, and *Some applications of functional analysis to the calculus of variations*. The Chairman of the session was Professor J. J. Gergen of Duke University.

By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings, Professor R. C. Buck of the University of Wisconsin addressed the Society on the topic *Linear transformations on function spaces*. Professor Buck's lecture was given on Friday afternoon with Professor T. H. Hildebrand presiding.