

THE APRIL MEETING IN SANTA BARBARA

The seven hundred fourteenth meeting of the American Mathematical Society was held at the University of California, Santa Barbara, on Saturday, April 27, 1974. There were 94 registrants including 49 members of the Society.

Two invited hour addresses were given by invitation of the Committee to Select Hour Speakers for Far Western Sectional Meetings. Professor Garth W. Warner of the University of Washington gave a lecture entitled *L-functions on reductive groups*. He was introduced by Professor V. S. Varadarajan. Professor Hung-Hsi Wu of the University of California, Berkeley, lectured on *Applications of some theorems in partial differential equations to geometry*. He was introduced by Professor John Douglas Moore.

Professors Marvin Marcus, Henryk Minc, and Robert C. Thompson organized two special sessions of thirty-minute papers on Linear Algebra. The speakers were John DePillis, Eugene C. Johnsen, Herbert J. Ryser, Robert C. Thompson, Olga Taussky-Todd, and Stanley G. Williamson.

There were two sessions of contributed ten-minute papers. They were chaired by Professors Jack G. Ceder and Max L. Weiss.

Local arrangements were handled by Professor Stephen Simons.

EUGENE, OREGON

KENNETH A. ROSS
Associate Secretary

THE MAY MEETING IN DEKALB

The seven hundred fifteenth meeting of the American Mathematical Society was held at Northern Illinois University, DeKalb, Illinois, from Monday, May 13 to Friday, May 17, 1974. There were 288 registrants, including 237 members of the Society.

With the support of the National Science Foundation there was a symposium on Mathematical Developments arising from the Hilbert Problems, which ran from Monday through Thursday, May 13–16. This topic was chosen by the Committee to Select Hour Speakers for Western Sectional Meetings, which during 1973 consisted of Paul T. Bateman (chairman), Donald J. Lewis, and Daniel Zelinsky. The Organizing Committee of the Symposium, responsible for the planning of the program and

the choice of speakers, consisted of Paul T. Bateman, Felix E. Browder (chairman), R. Creighton Buck, Donald J. Lewis, and Daniel Zelinsky. The speakers at the Symposium were Lipman Bers, Enrico Bombieri, Herbert Busemann, Nicholas M. Katz, Steven L. Kleiman, Georg Kreisel, R. Langlands, G. G. Lorentz, Donald A. Martin, John Milnor, David Mumford, Albrecht Pfister, Julia B. Robinson, John T. Tate, Robert Tijdeman, Arthur S. Wightman, and Chung-Tao Yang. In addition V. Arnold and Guido Stampacchia were invited to speak but were unable to attend; their contributions will appear in the printed record of the Symposium, which will appear in the series Proceedings of Symposia in Pure Mathematics.

By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings, there were four one-hour addresses on Friday. Dr. John H. Conway of Cambridge University and the University of Michigan Spoke on *Hilbert's third problem: Dissection of polyhedra*. He was introduced by Professor Paul Erdős. Professor Hugh L. Montgomery of the University of Michigan addressed the Society on *Hilbert's eighth problem: Problems about prime numbers*. The Associate Secretary presided at Professor Montgomery's lecture. Professor O. Timothy O'Meara spoke on *Hilbert's eleventh problem: Quadratic forms with any algebraic numerical coefficients*. He was introduced by Professor Daniel Zelinsky. Professor James B. Serrin addressed the Society on *Hilbert's twentieth problem: Solvability of boundary value problems*. Professor Felix E. Browder presided at Professor Serrin's lecture.

There were seven sessions of contributed ten-minute papers. These were chaired by John Ewell, Deborah L. Goldsmith, Melvin L. Heard, T. Kambayashi, Stanislas L. Klasa, Lawrence S. Levy, and Rao V. Nagisetty. Of the 33 ten-minute papers listed in the program, three were withdrawn; one late paper was added to the program, so that 31 ten-minute papers were actually presented.

URBANA, ILLINOIS

PAUL T. BATEMAN
Associate Secretary