

THE SUMMER MEETING IN HANOVER

The seventy-seventh summer meeting of the American Mathematical Society was held in Hanover, New Hampshire, from Tuesday, August 29, through Friday, September 1, 1972. All sessions of the meeting took place on the campus of Dartmouth College. There were 1,270 registrants, including 949 members of the Society. This meeting was held in conjunction with meetings of the Institute of Mathematical Statistics, the Mathematical Association of America, and Pi Mu Epsilon.

There were two series of Colloquium Lectures, each consisting of four lectures. Professor Stephen Smale of the University of California, Berkeley, presented a series of Colloquium Lectures entitled *Applications of global analysis to biology, economics, electrical circuits, and celestial mechanics*; he was introduced at his four lectures by Professors Nathan Jacobson, Richard S. Palais, Richard D. Anderson, and Harry Furstenberg. Professor John T. Tate of Harvard University presented a series of Colloquium Lectures entitled *The arithmetic of elliptic curves*; he was introduced at his four lectures by Professors Nathan Jacobson, William J. LeVeque, Olga Taussky Todd, and William E. Jenner.

By invitation of the Committee to Select Hour Speakers for Annual and Summer Meetings, there were nine hour addresses. Professor George E. Andrews of Pennsylvania State University spoke on *A general theory of identities of the Rogers–Ramanujan type*; he was introduced by Professor Henry L. Adler. Professor R. C. Bose of Colorado State University spoke on *Representation of non-Desarguesian projective planes in projective hyperspace*; he was introduced by Professor Bertram Yood. Professor Glen E. Bredon of Rutgers University spoke on *Locally smooth actions on manifolds*; he was introduced by Professor Martin A. Arkowitz. Professor Chuan C. Hsiung of Lehigh University spoke on *Submanifolds of Riemannian manifolds*; he was introduced by Professor Carl B. Allendoerfer. Professor Joachim Lambek of McGill University spoke on *Noncommutative localization*; he was introduced by Professor Leonard Gillman. Professor Seymour Sherman of Indiana University spoke on *Monotonicity and magnetism*; he was introduced by Dr. Alan J. Goldman. Professor Michael Shub of the University of California, Santa Cruz, spoke on *Dynamical systems, filtrations, and entropy*; he was introduced by Professor Kuo-Tsai Chen. Professor Charles C. Sims of Rutgers University spoke on *The construction of large permutation groups*; he was introduced by Professor Malcolm F. Smiley. Professor Herbert S. Wilf of the University of Pennsylvania spoke on *Boundary values in the four color*