

THE FEBRUARY MEETING IN EAST LANSING

The four hundred fifty-fourth meeting of the American Mathematical Society was held at Michigan State College on Friday and Saturday, February 24–25, 1950. There was a joint session with the Industrial Mathematics Society on Saturday morning.

The total attendance was about 135, including the following 75 members of the Society:

J. H. Bell, Gerald Berman, R. A. Beth, H. L. Black, M. I. Blyth, Richard Brauer, R. W. Bryant, R. E. Carr, Joshua Chover, R. V. Churchill, Harvey Cohn, A. H. Copeland, Max Coral, M. L. Curtis, D. A. Darling, Ben Dushnik, Benjamin Epstein, J. S. Frame, Cornelius Groenewoud, V. G. Grove, H. A. Hanson, Frank Harary, Gerald Harrison, H. L. Harter, G. E. Hay, Fritz Herzog, T. H. Hildebrandt, J. D. Hill, W. E. Jenner, Leo Katz, L. M. Kelly, D. E. Kibbey, W. M. Kincaid, K. J. Klein, Leo Lapidus, H. D. Larsen, J. H. Levin, D. J. Lewis, A. J. Lohwater, O. T. McMillan, Saunders MacLane, A. M. Mark, Imanuel Marx, D. C. Morrow, A. L. Nelson, W. J. Nemerever, E. A. Nordhaus, J. I. Northam, J. D. Novak, R. S. Pate, M. H. Payne, Sam Perlis, George Piranian, J. E. Powell, R. P. Reid, R. A. Roberts, E. H. Rothe, J. C. Rothe, Hans Samelson, W. C. Sangren, M. F. Smiley, W. F. Smith, T. H. Southard, G. L. Spencer, M. D. Springer, R. G. Stanton, B. M. Stewart, P. C. Sweetland, R. M. Thrall, Leonard Tornheim, E. F. Trombley, C. P. Wells, G. S. Young, J. W. T. Youngs, J. W. Zimmer.

By invitation of the Committee to Select Hour Speakers for Western Sectional Meetings, three addresses were delivered on Friday afternoon at 2:30 P.M. The speakers were Professor J. S. Frame, Michigan State College; Professor Sam Perlis, Purdue University; and Professor M. F. Smiley, State University of Iowa. The titles to the addresses were, respectively: *Induced monomial representations of a finite group*; *The holomorph of an algebra*; and *Some questions concerning alternative rings*. The presiding officer was Professor Saunders MacLane of the University of Chicago, who led the discussion period at the completion of each of the half hour addresses.

Sections for contributed paper were held at 11 A.M. Friday, with Professor H. D. Larsen presiding, and at 10:30 A.M. Saturday, with Professor T. H. Southard in charge.

On Friday evening there was a dinner for the Society in the Union Building of Michigan State College. Professor T. H. Osgood, of Michigan State College, welcomed the Society to the campus and Professor H. F. Smiley responded on behalf of the Society.

Abstracts of all papers presented at the Meeting are given below. Papers given by title are indicated by the letter "t." Mr. Nims was introduced by Professor A. W. Jacobson, Dr. Elliott and Mr. Johnson by Professor Benjamin Epstein.