THE FEBRUARY MEETING IN NEW YORK

The five hundredth meeting of the American Mathematical Society was held at Hunter College in New York City on Saturday, February 27, 1954. The meeting was attended by about 180 persons, including the following 161 members of the Society:

C. R. Adams, Linda Allegri, R. L. Anderson, R. G. Archibald, Richard Arens, P. N. Armstrong, W. G. Bade, F. E. Baker, J. H. Barrett, L. K. Barrett, Anatole Beck, E. G. Begle, Lipman Bers, Armand Borel, Samuel Borofsky, S. G. Bourne, E. H. Boyle, J. W. Brace, A. D. Bradley, F. E. Browder, A. B. Brown, F. H. Brownell, C. W. Burrill, J. H. Bushey, Jewell H. Bushey, Sarvadaman Chowla, Alonzo Church, H. J. Cohen, L. W. Cohen, M. L. Constable, T. F. Cope, A. H. Copeland, Sr., A. H. Copeland, Jr., J. B. Crabtree, J. H. Curtiss, J. M. Danskin, M. D. Darkow, M. D. Davis, R. B. Davis, A. H. Diamond, V. J. Doberly, Jesse Douglas, Nelson Dunford, Aryeh Dvoretzky, H. A. Dye, B. E. Dyer, Jacob Feldman, William Forman, R. M. Foster, Joel Franklin, M. P. Gaffney, G. N. Garrison, H. A. Giddings, Wallace Givens, Sidney Glusman, S. I. Goldberg, Lawrence Goldman, A. J. Goldstein, Laura Guggenbuhl, Felix Haas, G. A. Hedlund, M. H. Heins, Sigurdur Helgason, Alex Heller, Robert Hermann, Abraham Hillman, S. P. Hoffman, Jr., Banesh Hoffmann, C. C. Hsiung, Witold Hurewicz, R. V. Kadison, Shizuo Kakutani, Aida Kalish, M. E. Kellar, L. S. Kennison, J. F. Kiefer, H. S. Kieval, M. S. Klamkin, E. R. Kolchin, Horace Komm, A. G. Kostenbauder, Saul Kravetz, J. B. Kruskal, M. D. Kruskal, M. K. Landers, R. K. Lashof, Marie Lesnick, M. E. Levenson, Eugene Lukacs, Brockway McMillan, L. A. MacColl, H. M. MacNeille, A. J. Maria, M. H. Maria, L. F. Meyers, K. S. Miller, August Newlander, Jr., Albert Nijenhuis, M. A. Oliver, A. F. O'Neill, Steven Orey, E. E. Osborne, L. J. Paige, T. K. Pan, L. E. Payne, E. J. Pellicciaro, Anna Pell-Wheeler, F. P. Peterson, R. P. Peterson, Jr., Hans Rademacher, G. N. Raney, M. S. Rees, B. L. Reinhart, Helene Reschovsky, H. G. Rice, Moses Richardson, Herbert Robbins, M. S. Robertson, Louis Robinson, Robin Robinson, Selby Robinson, P. C. Rosenbloom, A. S. Rosenthal, J. E. Rosenthal, H. D. Ruderman, J. P. Russell, C. W. Saalfrank, H. E. Salzer, Hans Samelson, Arthur Sard, R. D. Schafer, Samuel Schecter, E. V. Schenkman, Seymour Schuster, Abraham Schwartz, Sol Schwartzman, I. E. Segal, G. B. Seligman, I. M. Sheffer, J. L. Snell, J. J. Sopka, J. J. Stoker, R. L. Taylor, P. M. Treuenfels, A. W. Tucker, Annita Tuller, D. H. Wagner, H. F. Weinberger, Alexander Weinstein, Morris Weisfeld, Louis Weisner, Bernard Weitzer, M. E. White, A. L. Whiteman, Albert Wilansky, Jacob Wolfowitz, Arthur Wouk, Hidehiko Yamabe, Karl Zeller, J. A. Zilber, Leo Zippin.

Dr. Armand Borel of the Institute for Advanced Study delivered an address entitled *Topology of Lie groups and characteristic classes* at a general session presided over by Professor Witold Hurewicz, by invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings. Sessions for contributed papers were held in the morning, presided over by Professor A. B. Brown, and in the afternoon, presided over by Professor Sarvadaman Chowla.

Abstracts of the papers presented follow. Those having the letter "*t*" after their numbers were read by title. Where a paper has more