

## THE NOVEMBER MEETING IN AUBURN

The four hundred seventy-fourth meeting of the American Mathematical Society was held at Alabama Polytechnic Institute, Auburn, Alabama, on Friday and Saturday, November 23–24, 1951. The total attendance was 130 including the following 66 members of the Society:

O. R. Ainsworth, M. G. Boyce, A. T. Brauer, R. K. Butz, H. E. Campbell, A. C. Cohen, Haskell Cohen, R. M. Conkling, J. C. Currie, V. E. Dietrich, F. G. Dressel, B. M. Drucker, W. L. Duren, Patrick Du Val, J. C. Eaves, M. W. Effron, D. O. Ellis, M. E. Estill, Tomlinson Fort, H. K. Fulmer, Wallace Givens, D. B. Goodner, E. H. Hadloch, B. F. Hadnot, E. V. Haynsworth, Nickolas Heerema, Melvin Henriksen, G. B. Huff, Ernest Ikenberry, J. L. Kelley, R. J. Koch, F. W. Kokomoor, G. B. Lang, R. J. Levit, F. A. Lewis, C. W. McArthur, Nathaniel Macon, G. W. Medlin, E. P. Miles, Knox Millsaps, Benjamin Ernest Mitchell, Benjamin Evans Mitchell, J. D. Morales, D. R. Morrison, W. V. Parker, E. H. Pearson, W. D. Peeples, A. S. Rayl, Herbert Robbins, J. H. Roberts, F. V. Rohde, W. A. Rutledge, H. D. Sprinkle, H. S. Stanley, H. E. Taylor, J. M. Thomas, H. S. Thurston, G. J. Trammell, B. O. Van Hook, T. L. Wade, J. H. Wahab, W. M. Whyburn, Ernest Williams, G. N. Wollan, C. T. Yang, J. W. Young.

By invitation of the Committee to Select Hour Speakers for Southeastern Sectional Meetings, Professor H. E. Robbins of the University of North Carolina and Professor J. L. Kelley of Tulane University addressed the Society. Professor Robbins' address, entitled *Mathematical aspects of the sequential design of experiments*, was delivered at 8:00 P.M. on Friday, with Professor W. V. Parker presiding. The address by Professor Kelley, entitled *Duality in algebraic analysis*, was given at 10:00 A.M. on Saturday, with Professor Tomlinson Fort presiding.

Four sessions for the presentation of contributed papers were held on Friday afternoon and Saturday morning. Presiding officers for these sessions were Professor J. H. Roberts, F. W. Kokomoor, T. L. Wade, and W. L. Duren.

President Ralph D. Draughon of Alabama Polytechnic Institute extended greetings at the opening of the evening session on Friday. All in attendance at the meetings were guests of the host institution and its Department of Mathematics at a reception and social hour which followed the hour address on Friday evening. A resolution expressing the appreciation of the Society to its hosts for the meeting was offered by Professor Tomlinson Fort and unanimously adopted.

Abstracts of the papers presented follow below. Abstracts whose number are followed by the letter "t" were presented by title. Paper number 59 was read by Professor Dressel. Professor Strother was