

THE APRIL MEETING IN DURHAM

The four hundred forty-fifth meeting of the American Mathematical Society was held at Duke University, Durham, North Carolina, on Friday and Saturday, April 1-2, 1949. The total attendance was about 130 including the following 86 members of the Society:

Louise Adams, D. F. Barrow, W. S. Beckwith, Felix Bernstein, R. G. Blake, T. A. Botts, C. P. Brady, A. T. Brauer, E. T. Browne, G. S. Bruton, R. S. Burington, E. A. Cameron, Leonard Carlitz, M. D. Clement, A. C. Cohen, J. B. Coleman, J. C. Currie, D. C. Dearborn, F. G. Dressel, L. A. Dye, Myrtle Edwards, W. W. Elliott, F. A. Ficken, Tomlinson Fort, A. S. Galbraith, J. R. Garrett, I. C. Gentry, J. J. Gergen, Wallace Givens, P. E. Guenther, O. G. Harrold, I. R. Hershner, Temple Hollcroft, T. R. Hollcroft, Harold Hotelling, G. B. Huff, M. P. Jarnagin, V. L. Klee, J. R. Kline, F. W. Kokomoor, S. H. Lachenbruch, G. B. Lang, J. W. Lasley, C. G. Latimer, M. A. Lee, Marguerite Lehr, Jack Levine, R. J. Levit, P. E. Lewis, E. J. McShane, E. L. Mackie, M. H. Martin, E. P. Miles, B. E. Mitchell, E. E. Moots, C. G. Mumford, J. D. Novak, T. E. Oberbeck, H. V. Park, W. V. Parker, Mary Pettus, W. T. Puckett, C. N. Reynolds, T. D. Reynolds, R. G. D. Richardson, H. E. Robbins, J. H. Roberts, L. V. Robinson, V. N. Robinson, Clarence Ross, Walter Rudin, H. M. Schwartz, R. E. Smith, W. S. Snyder, H. K. Sohl, R. W. Stokes, B. B. Townsend, H. S. Thurston, L. A. M. Van Dyke, R. Z. Vause, L. I. Wade, J. A. Ward, G. T. Whyburn, W. M. Whyburn, R. L. Wilson, J. W. Young.

Professor J. H. Roberts of Duke University delivered an hour address at 8:30 P.M. on Friday entitled *Transformations which change dimension*. Professor G. T. Whyburn presided at this session.

Following the invited address a brief informal business meeting was held, Professor W. M. Whyburn presiding. It was agreed that the group would recommend to the Council the acceptance of the invitation of the Oak Ridge National Laboratory to hold the 1950 southeastern meeting in Oak Ridge, Tennessee.

Two sections for contributed papers were held at 9:30 A.M. on Saturday: one in Analysis, Statistics and Applied Mathematics, in which Professor Tomlinson Fort presided, and one in Algebra, Geometry and Topology, in which Professor C. G. Latimer presided.

A dinner for mathematicians and guests was held at 7:00 P.M. on Friday, Professor J. J. Gergen, toastmaster. President A. H. Edens, of Duke University, gave an address of welcome and Professor J. R. Kline spoke regarding the current activities of the Society and the International Congress. A resolution of thanks to Duke University for its hospitality was presented by Professor L. A. Dye and adopted by those present at the dinner.

Abstracts of the papers presented follow below. Abstracts whose numbers are followed by the letter "t" were presented by title. Paper