

THE NOVEMBER MEETING IN LOS ANGELES

The four hundred sixty-third meeting of the American Mathematical Society was held at the University of California, Los Angeles, on Saturday, November 25, 1950. The attendance was approximately 100, including the following 76 members of the Society:

T. M. Apostol, Richard Arens, L. A. Aroian, W. G. Bade, E. F. Beckenbach, Clifford Bell, Gertrude Blanch, H. F. Bohnenblust, J. V. Breakwell, F. H. Brownell, A. S. Cahn, Luther Cheo, T. M. Cherry, L. M. Coffin, J. G. van der Corput, A. C. Davis, E. A. Davis, C. R. DePrima, R. J. Dickson, R. P. Dilworth, H. A. Dye, Arthur Erdélyi, Harley Flanders, G. C. Forsythe, J. W. Green, W. T. Guy, G. J. Haltiner, A. R. Harvey, Emma Henderson, J. G. Herriot, M. R. Hestenes, P. G. Hoel, Alfred Horn, R. E. Horton, D. G. Humm, Rufus Isaacs, J. R. Jackson, Fritz John, P. B. Johnson, P. J. Kelly, Cornelius Lanczos, G. E. Latta, R. B. Leipnik, G. F. McEwen, J. C. C. McKinsey, A. V. Martin, A. B. Mewborn, W. E. Milne, T. S. Motzkin, Fritz Oberhettinger, E. E. Osborne, R. H. Owens, L. J. Paige, George Pólya, W. T. Puckett, H. R. Pyle, W. P. Reid, Edgar Reich, R. R. Reynolds, Seymour Sherman, G. E. F. Sherwood, E. S. Sokolnikoff, R. H. Sorgenfrey, M. L. Stein, Robert Steinberg, E. G. Straus, A. C. Sugar, J. D. Swift, A. E. Taylor, F. G. Tricomi, F. A. Valentine, D. D. Wall, S. S. Walters, L. F. Walton, Morgan Ward, W. R. Wasow, G. M. Wing, F. H. Young.

In the morning there was a general session for contributed papers at which Professor E. F. Beckenbach presided. At the conclusion of this session, brief reports were made by Professor E. F. Beckenbach and Professor František Wolf on the progress of the Pacific Journal of Mathematics. In the afternoon Professor Erdélyi introduced Professor van der Corput, who presented the invited address, *Asymptotic expansions*. This was followed by two sessions for contributed papers, at which Professors A. E. Taylor and L. F. Walton presided.

Following the meeting there was a tea at the Institute for Numerical Analysis of the National Bureau of Standards. On display for the visitors were the extensive computing machinery of the Institute and the offices of the Pacific Journal.

Abstracts of papers presented at the meeting follow. Papers presented by title are indicated by the letter "t." Paper number 56 was read by Professor Apostol.

ALGEBRA AND THEORY OF NUMBERS

56. T. M. Apostol and H. S. Zuckerman: *On magic squares constructed by the uniform step method.*

If the numbers $1, 2, \dots, n^2$ are placed in a square array such that any row or column contains a complete residue system mod n , but no two numbers between the same two multiples of n , then the square is called regular. Every regular square is