

THE APRIL MEETING IN BERKELEY

The four hundred fifty-ninth meeting of the American Mathematical Society was held at the University of California, Berkeley, California, on Friday and Saturday, April 28–29, 1950. Over 100 persons attended, including the following 97 members of the society:

F. C. Andrews, Richard Arens, W. G. Bade, E. M. Beesley, Richard Bellman, H. F. Bohnenblust, F. A. Butter, E. H. Clarke, Paolo Comba, K. L. Cooke, F. G. Cresse, P. H. Daus, D. B. Dekker, J. E. Denby-Wilks, C. R. De Prima, Douglas Derry, R. C. H. Dieckmann, S. P. Diliberto, R. P. Dilworth, Worthie Doyle, Roy Dubisch, L. K. Durst, Arthur Erdélyi, E. A. Fay, J. M. G. Fell, Werner Fenchel, Harley Flanders, G. E. Forsythe, A. L. Foster, Marianne R. Freundlich, R. A. Fuchs, Bent Fuglede, P. R. Garabedian, M. A. Girshick, G. E. Gourrich, J. W. Green, K. D. C. Haley, G. J. Haltiner, J. G. Herriot, M. R. Hestenes, J. L. Hodges, D. W. Hullinghorst, R. C. James, S. L. Jamison, Irving Kaplansky, Samuel Karlin, William Karush, J. L. Kelley, S. H. Lachenbruch, R. M. Lakness, Cornelius Lanczos, D. H. Lehmer, Hans Lewy, Charles Loewner, A. T. Lonseth, J. E. McLaughlin, Rhoda Manning, W. A. Mersman, A. B. Mewborn, E. D. Miller, C. B. Morrey, F. R. Morris, A. P. Morse, Ivan Niven, Andrewa R. Noble, Fritz Oberhettinger, T. K. Pan, R. S. Phillips, George Pólya, F. P. Pu, Edris P. Rahn, W. C. Randels, Hugo Ribeiro, Julia B. Robinson, R. M. Robinson, J. B. Rosser, Herman Rubin, H. M. Schaerf, Abraham Seidenberg, Max Shiffman, W. H. Simons, W. M. Stone, Irving Sussman, Otto Szász, Gabor Szegő, Alfred Tarski, F. B. Thompson, F. G. Tricomi, A. W. Tucker, R. L. Vaught, R. K. Wakerling, S. S. Walters, W. R. Wasow, P. A. White, A. L. Whiteman, A. R. Williams, František Wolf.

The meeting opened Friday afternoon with an invited address by Professor Richard Arens of the University of California, Los Angeles, on *Representation of rings and functionals in spectral theory*. Professor J. L. Kelley presided. Following the invited address there was a session for contributed papers in analysis and applied mathematics, Professor C. B. Morrey presiding. A second invited address, *On the differential geometry of closed space curves* by Professor Werner Fenchel of the Technical University of Denmark and the University of Southern California was delivered on Saturday morning, Professor Hans Lewy presiding. On Saturday afternoon there were three sections: algebra and number theory, geometry and topology, and late papers. These were presided over by Professor Ivan Niven, Abraham Seidenberg, and George Pólya, respectively.

Abstracts of the papers presented at the meeting follow. Abstracts whose titles are followed by the letter "t" were presented by title. Paper 386 was presented by Mr. Fell, paper 388 by Mr. Jackson and paper 390 by Professor Karlin.