THE NOVEMBER MEETING IN LOS ANGELES

The four hundred twenty-first meeting of the American Mathematical Society was held at the University of California at Los Angeles on November 30, 1946. The total attendance was a little over sixty, including the following fifty-two members of the society:

H. M. Bacon, E. F. Beckenbach, Clifford Bell, H. F. Bohnenblust, F. A. Butter, Jr., W. D. Cairns, J. W. Calkin, F. M. Clarke, L. M. Coffin, Myrtie Collier, E. L. Crow, J. H. Curtiss, R. P. Dilworth, H. J. Ettlinger, G. E. Forsythe, J. W. Green, William Gustin, H. J. Hamilton, Olaf Helmer, P. G. Hoel, W. C. Hoffman, D. H. Hyers, C. G. Jaeger, Glen James, P. B. Johnson, H. L. Langhaar, Hans Lewy, F. R. Morris, T. E. Overbeck, R. I. Piper, W. T. Puckett, W. C. Randels, Mina Rees, A. C. Schaeffer, G. E. F. Sherwood, Ernst Snapper, I. S. Sokolnikoff, R. H. Sorgenfrey, D. C. Spencer, J. D. Swift, Gabor Szegö, A. E. Taylor, E. F. Tyler, S. E. Urner, F. A. Valentine, L. F. Walton, Morgan Ward, J. G. Wendel, P. A. White, R. L. White, František Wolf, E. R. Worthington.

Contributed papers were presented during the morning session, at which Professor I. S. Sokolnikoff presided. During the afternoon session the remaining contributed papers were presented, and Professor D. C. Spencer delivered the invited hour address entitled *Outstanding problems in conformal mapping.* Professor W. T. Puckett presided during the afternoon session.

Titles and cross references to the abstracts of papers read at the meeting follow below. Papers where abstract numbers are followed by the letter "*t*" were read by title. Paper 3 was read by Dr. Forsythe.

1. J. D. Swift: *Periodic functions over a finite field.* (Abstract 52-11-354.)

2. R. P. Dilworth: *Decomposition of relatively complemented lattices.* (Abstract 53-1-12.)

3. Cornelius Lanczos and G. E. Forsythe: *Approximation of the eigen-vectors of a nonsymmetric matrix.* Preliminary report. (Abstract 53-1-73.)

4. František Wolf: *On a decomposition of functions.* (Abstract 53-1-60.)

5. W. T. Puckett: *On a problem in connected finite closure algebras.* (Abstract 53-1-102.)

6. P. B. Johnson: *A contribution to parallel displacement theory in Riemannian space.* (Abstract 53-1-82.)

7. Gabor Szegö: *On an inequality due to P. Turan concerning Legendre polynomials.* (Abstract 53-1-52.)

8. A. E. Taylor: *A geometric theorem and its application to biorthogonal systems.* (Abstract 53-1-86.)

9. R. H. Sorgenfrey: *On the topological product of paracompact spaces.* (Abstract 52-7-261-*t.*)

10. Alfred Horn: *The asymptotic behavior of systems of Volterra integral equations.* (Abstract 52-11-366-*t.*)

11. A. D. Michal: *An existence and uniqueness theorem for a nonlinear differential equation in Banach spaces.* (Abstract 53-1-39-*t.*)

12. A. D. Michal: *The solutions of systems of linear differential equations as entire analytic functionals of the coefficient functions.* (Abstract 53-1-41-*t.*)

13. A. D. Michal: *Global groups of motions in some infinitely dimensional Riemannian spaces.* (Abstract 53-1-40-*t.*)

14. A. D. Michal, R. C. James, and Max Wyman: *Topological Abelian groups with ordered norms.* (Abstract 53-1-42-*t.*)

15. J. C. C. McKinsey: *On the representation problem for projective algebras.* (Abstract 52-7-227-*t.*)

16. B. A. Bernstein: *Weak definitions of field.* (Abstract 53-1-8-*t.*)

17. Paul Civin: *Mean values of periodic functions.* (Abstract 53-1-28-*t.*)

A. C. SCHAEFFER,
Associate Secretary