

47. W. T. Scott and H. S. Wall: *A convergence theorem for continued fractions*. III. (Abstract 45-11-435-t.)

48. W. E. Sewell: *Continuity and degree of approximation by rational functions*. (Abstract 45-7-286-t.)

49. W. E. Sewell: *Continuity and integral approximation to an analytic function by polynomials in  $z$  and  $1/z$* . (Abstract 45-7-287-t.)

50. W. E. Sewell: *The derivative of a polynomial on further arcs of the complex domain*. (Abstract 45-7-288-t.)

T. R. HOLLCROFT,  
*Associate Secretary*

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### THE NOVEMBER MEETING IN COLUMBIA

The three hundred sixty-third meeting of the Society was held at the University of Missouri, Columbia, Missouri, on Friday and Saturday, December 1-2, 1939, in connection with the centennial celebration of the University of Missouri. Seventy-three persons registered including the following forty-nine members of the Society:

V. W. Adkisson, H. A. Arnold, J. V. Atanasoff, W. L. Ayres, R. W. Babcock, Wealthy Babcock, P. O. Bell, Herman Betz, F. L. Black, L. M. Blumenthal, C. C. Camp, H. H. Campaigne, E. W. Chittenden, J. S. Creane, R. D. Daugherty, G. M. Ewing, B. F. Finkel, L. R. Ford, W. L. Graves, O. H. Hamilton, N. A. Haynes, J. J. L. Hinrichsen, H. E. Jordan, I. F. Keeler, J. R. F. Kent, J. W. Kitchens, J. V. McKelvey, R. J. Michel, U. G. Mitchell, G. C. Munro, G. D. Nichols, E. N. Oberg, O. J. Peterson, G. B. Price, W. C. Randels, Robert Rawhouser, P. R. Rider, E. H. Rothe, D. T. Sigley, E. R. Smith, G. W. Smith, Julia Spalding, E. B. Stouffer, W. T. Stratton, C. B. Tucker, G. E. Wahlin, L. E. Ward, W. D. A. Westfall, J. J. Wheeler.

The meeting opened Friday afternoon with a session devoted to short papers, followed by an address by Professor L. R. Ford of Armour Institute of Technology entitled *Projective transformations in two complex variables*. On Saturday morning Professor E. W. Chittenden of the University of Iowa delivered an address entitled *Topological functions*. These two addresses were given under the joint auspices of the Society and the University of Missouri. The meeting closed Saturday morning with a second session of short papers.

On Friday evening a dinner was held at the Tiger Hotel with seventy-nine persons attending. Professor W. D. A. Westfall presided at the dinner and Dean Henry Bent of the Graduate School of the University of Missouri welcomed the visitors on behalf of the host institution. Professor L. R. Ford gave reminiscences of student days at the University of Missouri. Professor W. L. Ayres spoke of the founding of a new mathematical journal, *MATHEMATICAL REVIEWS*.

Professor E. R. Smith and Dean E. B. Stouffer presided at the two sessions for short papers. Professor W. D. A. Westfall presided at the two invited addresses. At the close of the Saturday morning session Professor V. W. Adkisson presented a resolution of thanks to the hosts for their generous hospitality. The titles of papers read at this meeting follow, papers 1–6 being read Friday afternoon and 7–11 on Saturday morning. Papers 12–17, whose abstract numbers are followed by the letter *t*, were read by title. Mr. Fred Robertson was introduced by the Associate Secretary, Mr. R. H. Tripp by Professor D. L. Holl.

1. L. M. Blumenthal and C. V. Robinson: *A new metric characterization of the straight line.* (Abstract 45-11-409.)
2. W. L. Ayres: *A note on the definition of arc-sets.* (Abstract 46-1-6.)
3. O. H. Hamilton: *A fixed point theorem for a cell in a Hilbert space.* (Abstract 46-1-15.)
4. W. C. Randels: *On the absolute summability of Fourier series.* III. (Abstract 46-1-31.)
5. G. B. Price: *Convex operators.* (Abstract 46-1-28.)
6. Fred Robertson: *The general differential operator.* (Abstract 46-1-33.)
7. E. R. Smith: *Generating functions for certain confluent hypergeometric functions.* (Abstract 46-1-35.)
8. P. O. Bell: *Projective analogues of the congruence of normals.* (Abstract 46-1-8.)
9. D. T. Sigley: *Sets of conjugate subgroups in direct product groups.* (Abstract 46-1-34.)
10. R. H. Tripp: *Stresses in an orthotropic elastic layer.* (Abstract 46-1-36.)
11. J. V. Atanasoff: *Generalized Taylor expansions.* Preliminary report. (Abstract 46-1-4.)
12. D. G. Bourgin: *Closure of products of functions.* (Abstract 46-1-12-*t*.)
13. E. P. Lane: *A theorem on surfaces.* (Abstract 46-1-20-*t*.)
14. A. A. Albert: *On ordered algebras.* (Abstract 46-1-3-*t*.)
15. A. A. Aucoin: *Diophantine equations of degree  $n$ .* (Abstract 46-1-5-*t*.)
16. W. H. Myers: *Finite linear groups with abelian subgroups of variety 3.* (Abstract 46-1-27-*t*.)
17. D. G. Bourgin and R. J. Duffin: *The Dirichlet problem for the vibrating string.* (Abstract 46-1-13-*t*.)

W. L. AYRES,  
Associate Secretary