

## THE THANKSGIVING MEETING IN PASADENA

The three hundred twenty-seventh meeting of the American Mathematical Society was held at the California Institute of Technology on Saturday, November 30, 1935. The attendance included the following twenty-one members of the Society:

O. W. Albert, Harry Bateman, Clifford Bell, E. T. Bell, W. N. Birchby, Myrtie Collier, P. H. Daus, H. E. Glazier, E. R. Hedrick, G. H. Hunt, C. G. Jaeger, R. D. James, W. E. Mason, A. D. Michal, H. P. Robertson, G. E. F. Sherwood, F. C. Touton, S. E. Urner, Morgan Ward, W. M. Whyburn, E. R. Worthington.

The chair was occupied at various times by Professors Hedrick and Touton. Titles and cross references to the abstracts of the papers read at this meeting follow below; papers whose abstract numbers are followed by the letter *t* were read by title. Mr. Hall was introduced by Professor Bateman, Mr. Webb by Professor E. T. Bell, and Messrs. Elconin, Highberg, Hyers, Mersman, Paxson, and Taylor by Professor Michal.

1. *A cubic analogue of the Cauchy-Fermat theorem*, by Mr. Alvin Sugar. (Abstract No. 41-11-410.)
2. *Kinematics and world-structure*, by Professor H. P. Robertson. (Abstract No. 41-11-411.)
3. *A calculus of sequences*, by Professor Morgan Ward. (Abstract No. 41-11-412.)
4. *Complexes and manifolds represented by functions of real variables*, by Professor W. M. Whyburn. (Abstract No. 41-11-413.)
5. *On a determinant function involving the parameter of a plane curve*, by Professor Clifford Bell. (Abstract No. 41-11-414.)
6. *Distributivity of polynomial compositions*, by Professor E. T. Bell. (Abstract No. 41-11-415.)
7. *Definition of Post's generalized negative and maximum in terms of one binary operation*, by Mr. D. L. Webb. (Abstract No. 41-11-416.)
8. *Two systems of polynomials*, by Professor Harry Bateman. (Abstract No. 41-11-417.)
9. *A note on abstract polynomials in complex spaces*, by Mr. I. E. Highberg. (Abstract No. 41-11-418.)
10. *The number of representations of an integer as a sum of six,*

*ten, and fourteen squares*, by Dr. R. D. James. (Abstract No. 41-11-419.)

11. *Abstract integration*, by Mr. W. A. Mersman. (Abstract No. 41-11-420.)

12. *Differential properties of abstract transformation groups with abstract parameters*, by Professor A. D. Michal and Mr. Victor Elconin. (Abstract No. 41-11-421.)

13. *The solution of a second order differential system in general analysis as a function of the boundary values*, by Professor A. D. Michal and Mr. D. H. Hyers. (Abstract No. 41-11-422.)

14. *Maps of abstract topological spaces in Banach spaces*, by Professor A. D. Michal and Mr. E. W. Paxson. (Abstract No. 41-11-423.)

15. *Analytic functions in general analysis* (preliminary report), by Mr. A. E. Taylor. (Abstract No. 41-11-424.)

16. *A new class of functions of two variables involving Bessel functions of half an odd integer*, by Mr. N. A. Hall. (Abstract No. 41-11-425.)

17. *On Dickson's method of ascension*, by Mr. Alvin Sugar. (Abstract No. 41-11-426-t.)

18. *Postulates for special types of groups*, by Professor Raymond Garver. (Abstract No. 41-11-427-t.)

19. *A functional equation in arithmetic*, by Professor E. T. Bell. (Abstract No. 41-11-428-t.)

20. *The reciprocal of a numerical function*, by Professor E. T. Bell. (Abstract No. 41-11-429-t.)

21. *On certain varieties whose curve sections are hyperelliptic curves*, by Professor B. C. Wong. (Abstract No. 41-11-430-t.)

22. *On postulate systems for normed vector spaces*, by Mr. I. E. Highberg and Mr. A. E. Taylor. (Abstract No. 41-11-431-t.)

23. *An independent set of postulates for abstract linear spaces*, by Mr. I. E. Highberg and Mr. A. E. Taylor. (Abstract No. 41-11-432-t.)

24. *Hypercommutative rings*, by Professor A. D. Michal and Mr. Victor Elconin. (Abstract No. 41-11-433-t.)

E. T. BELL,  
*Acting Secretary*