

THE THANKSGIVING MEETING IN LOS ANGELES

The three hundred eighteenth meeting of the American Mathematical Society was held at the University of California at Los Angeles on Saturday, December 1, 1934. There were about fifty-five persons in attendance, among whom were the following twenty-five members of the Society:

O. W. Albert, L. D. Ames, H. M. Bacon, Harry Bateman, Clifford Bell, E. T. Bell, H. F. Blichfeldt, P. H. Daus, Raymond Garver, H. E. Glazier, E. R. Hedrick, C. G. Jaeger, Glenn James, R. D. James, C. G. P. Kuschke, D. N. Lehmer, W. E. Mason, A. D. Michal, J. C. Montgomery, C. B. Morrey, G. E. F. Sherwood, D. V. Steed, F. C. Touton, S. E. Urner, E. R. Worthington.

A luncheon was served in Kerckhoff Hall, the Student Union building of the University.

In the absence of Associate Secretary Putnam, Professor P. H. Daus acted as secretary. The meeting was presided over in succession by Professors L. D. Ames, E. T. Bell, and H. F. Blichfeldt. 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. Messrs. Elconin, Highberg, Mersman, and Taylor were introduced by Professor A. D. Michal.

1. *Arithmetical theorems on Lucas functions and Tchebycheff polynomials*, by Professor E. T. Bell. (Abstract No. 40-11-374.)

2. *On the differentiability of the solutions of a class of regular two dimensional minimum problems*, by Dr. C. B. Morrey, Jr. (Abstract No. 40-11-376.)

3. *Waring's problem for rational numbers* (preliminary report), by Dr. R. D. James. (Abstract No. 40-11-375.)

4. *Postulates for groups and for commutative groups*, by Professor Raymond Garver. (Abstract No. 40-11-377.)

5. *Generalizations of the Mittag-Leffler theorem and allied theorems*, by Professor E. R. Hedrick. (Abstract No. 40-11-378.)

6. *The existence of a Hermitian inner product in complex vectorial spaces*, by Mr. Ivar Highberg. (Abstract No. 40-11-380.)

7. *A new type of abstract integral*, by Mr. W. A. Mersman. (Abstract No. 40-11-382.)

8. *Abstract euclidean spaces and semi-vector spaces* (preliminary report), by Professor A. D. Michal. (Abstract 40-11-383.)
9. *Multiple differentials and integrals of abstractly-valued functions*, by Mr. Victor Elconin. (Abstract No. 40-11-387.)
10. *Additions to the theory of integral invariants*, by Mr. A. E. Taylor. (Abstract No. 40-11-390.)
11. *Note on a theorem in abstract sets*, by Professor W. M. Whyburn. (Abstract 41-1-4-t.)
12. *Solutions of certain ordinary and partial differential equations by means of operators*, by Mr. John Biggerstaff. (Abstract No. 40-11-372-t.)
13. *On the sum of the r th derived series of the conjugate Fourier series*, by Professor A. F. Moursund. (Abstract No. 40-11-373-t.)
14. *The existence of rings in vectorial spaces*, by Mr. Ivar Highberg. (Abstract No. 40-11-379-t.)
15. *A generalization of the Lebesgue integral*, by Mr. W. A. Mersman. (Abstract No. 40-11-381-t.)
16. *Solutions of total differential equations in abstract vector spaces as functions of the initial parameters*, by Professor A. D. Michal and Mr. Victor Elconin. (Abstract No. 40-11-386-t.)
17. *Theorems on integral invariants of associated type*, by Professor A. D. Michal. (Abstract No. 40-11-384-t.)
18. *A theorem on total Fréchet differentials in abstract vector spaces*, by Professor A. D. Michal. (Abstract No. 40-11-385-t.)
19. *A reduced set of postulates for Hilbert space* (preliminary report), by Mr. A. E. Taylor. (Abstract No. 40-11-388-t.)
20. *Integral invariants and integrals of systems of first order differential equations*, by Mr. A. E. Taylor. (Abstract No. 40-11-389-t.)
21. *The completely symmetric self-dual curve of order eight*, by Dr. D. C. Duncan. (Abstract No. 41-1-3-t.)
22. *Completely symmetric elliptic self-dual curves of order $4k$* , by Dr. D. C. Duncan. (Abstract No. 41-1-2-t.)
23. *Bimagic squares*, by Professor D. N. Lehmer. (Abstract No. 41-1-1.)

P. H. DAUS,
Acting Secretary