THE APRIL MEETING IN BERKELEY

The three hundred fiftieth meeting of the American Mathematical Society was held at the University of California on Saturday, April 9, 1938. The morning and afternoon sessions were presided over at various times by Professors W. M. Whyburn, H. F. Blichfeldt, Frederick Wood, and G. C. Evans. During the morning session an address entitled *General differential geometries and related topics* was delivered by Professor A. D. Michal, of the California Institute of Technology. Luncheon for members and their guests was served at the Faculty Club. The attendance was about eighty, including the following fifty-three members of the Society:

H. A. Arnold, H. M. Bacon, G. A. Baker, E. T. Bell, B. A. Bernstein, H. F. Blichfeldt, C. R. Bubb, F. A. Butter, P. H. Daus, A. H. Diamond, R. P. Dilworth, C. H. Dix, John Dyer-Bennet, G. C. Evans, A. L. Foster, H. E. Goheen, E. C. Goldsworthy, J. W. Green, D. W. Hall, N. A. Hall, O. G. Harrold, R. M. Hermes, P. G. Hoel, J. W. Hurst, Frank Irwin, R. D. James, S. H. Levy, Hans Lewy, A. T. Lonseth, C. F. Luther, A. D. Michal, F. R. Morris, W. H. Myers, C. A. Noble, T. M. Putnam, R. M. Robinson, E. B. Roessler, E. L. Ross, Henry Scheffé, P. M. Singer, Pauline Sperry, L. H. Swinford, H. L. Turrittin, S. E. Urner, J. V. Uspensky, R. K. Wakerling, Morgan Ward, D. E. Whelan, W. M. Whyburn, A. R. Williams, B. C. Wong, Frederick Wood, Max Zorn.

Titles of papers read at the meeting follow. Those whose abstract numbers are followed by the letter *t* were read by title.

1. *Correlation surfaces of two or more indices when the components of the indices are normally distributed*, by G. A. Baker. (Abstract 44-5-173.)

2. *The solution of the trinomial equation in infinite series by the method of iteration*, by N. A. Hall. (Abstract 44-5-207.)

3. *Remarks on Laplace's solution of the problem of the attraction of ellipsoids*, by J. V. Uspensky. (Abstract 44-5-274.)

4. *The distribution of integers represented by quadratic forms*, by R. D. James. (Abstract 44-5-223.)

5. *On a decomposition of true cyclic elements*, by D. W. Hall. (Abstract 44-5-205.)

6. *A new representation of real numbers*, by A. L. Foster. (Abstract 44-5-196.)

7. *Residuated lattices*, by Morgan Ward and R. P. Dilworth. (Abstract 44-5-276.)

8. *Approximate distribution of the zeros of certain exponential sums*, by H. L. Turrittin. (Abstract 44-5-273.)

9. *The χ^2 distribution for small samples*, by P. G. Hoel. (Abstract 44-5-215.)

10. *Matrix expressions of Hooke's law*, by C. H. Dix. (Abstract 44-5-189.)

11. *Non-commutative residuation* (preliminary report), by R. P. Dilworth. (Abstract 44-5-188.)

12. *Correlations in terms of central collineations and central correlations*, by P. H. Daus. (Abstract 44-5-187.)

13. *Fixed-point theorems in semi-ordered spaces*, by H. A. Arnold. (Abstract 44-5-170.)

14. *Sets of postulates for Boolean groups*, by B. A. Bernstein. (Abstract 44-5-177.)

15. *On a lemma about matrices*, by Max Zorn. (Abstract 44-5-280.)

16. *A differential equation of R. Liouville*, by L. H. Swinford. (Abstract 44-5-268.)

17. *Harmonic functions in domains with multiple boundary points*, by J. W. Green. (Abstract 44-5-202.)

18. *On ternary forms with non-vanishing Hessian and on spherical harmonics*, by Hans Lewy. (Abstract 44-5-231.)

19. *An increase in the lower bound of possible solutions of the Fermat equation*, by Glenn James. (Abstract 44-5-222-*t*.)

20. *Generalized Stirling transforms of sequences*, by E. T. Bell. (Abstract 44-5-176-*t*.)

21. *The differential in abstract algebra*, by A. D. Michal. (Abstract 44-5-237-*t*.)

22. *Differentials in linear topological spaces*, by A. D. Michal. (Abstract 44-5-235-*t*.)

23. *Differential geometries with linear topological coordinates*, by A. D. Michal. (Abstract 44-5-236-*t*.)

24. *Symmetrical form for the general strain matrix*, by C. H. Dix. (Abstract 44-5-190-*t*.)

25. *The theory of integration in linear L-spaces*, by H. A. Arnold. (Abstract 44-5-171-*t*.)

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T. M. PUTNAM,
Associate Secretary

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