

15. *Additional notes on the inversion of the Laplace transformation*, by R. V. Churchill. (Abstract 43-11-394-*t*.)

16. *A quadratic form problem in the calculus of variations*, by A. A. Albert. (Abstract 43-11-395-*t*.)

17. *Weakly complete Banach spaces*, by H. H. Goldstine. (Abstract 43-11-396-*t*.)

M. H. INGRAHAM,  
Associate Secretary

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### THE NOVEMBER MEETING IN PASADENA

The three hundred forty-sixth meeting of the American Mathematical Society was held at the California Institute of Technology on Saturday, November 27, 1937. The chair was occupied at various times by Professors E. R. Hedrick, G. C. Evans, and E. T. Bell. The attendance of about fifty included the following thirty-one members of the Society:

L. D. Ames, H. A. Arnold, H. M. Bacon, Clifford Bell, E. T. Bell, Myrtie Collier, P. H. Daus, R. P. Dilworth, C. H. Dix, G. C. Evans, H. E. Glazier, J. W. Green, D. W. Hall, N. A. Hall, H. J. Hamilton, E. R. Hedrick, C. G. Jaeger, Glenn James, W. E. Mason, A. D. Michal, T. M. Putnam, W. C. Risselman, A. A. Shaw, D. V. Steed, S. E. Urner, F. A. Valentine, Morgan Ward, M. B. White, W. M. Whyburn, E. R. Worthington, Max Zorn.

Luncheon for members and their guests was served at the Athenaeum of the California Institute of Technology.

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

1. *Some theorems on subsequences*, by H. J. Hamilton. (Abstract 43-11-404.)

2. *Abstract residuation over lattices*, by R. P. Dilworth. (Abstract 43-11-405.)

3. *A formal expansion theory for functions defined by two variable power series*, by N. A. Hall. (Abstract 43-11-406.)

4. *A property of harmonic functions in three variables*, by J. W. Green. (Abstract 43-11-407.)

5. *Properties of invariant sets under pointwise periodic homeomorphisms*, by D. W. Hall and G. E. Schweigert. (Abstract 43-11-408.)

6. *A new fragment of Euclid's "Elements"* (preliminary report), by A. A. Shaw. (Abstract 43-11-409.)

7. *On the first case of Fermat's last theorem*, by Glenn James. (Abstract 43-11-410.)