

## THE NOVEMBER MEETING IN PASADENA

The four hundred thirteenth meeting of the American Mathematical Society was held at the California Institute of Technology on Saturday, November 24, 1945. The attendance included the following forty members of the Society:

O. W. Albert, H. M. Bacon, Harry Bateman, E. F. Beckenbach, Clifford Bell, E. T. Bell, F. L. Campbell, F. M. Clarke, D. R. Curtiss, P. H. Daus, H. C. Dieckmann, R. P. Dilworth, W. H. Glenn, J. W. Green, W. S. Gustin, O. G. Harrold, P. G. Hoel, D. G. Humm, D. H. Hyers, Glenn James, P. B. Johnson, M. B. Lehman, Hans Lewy, R. T. Luginbuhl, A. D. Michal, Sam Perlis, W. T. Puckett, W. C. Randels, A. C. Schaeffer, G. E. F. Sherwood, Ernst Snapper, R. H. Sorgenfrey, D. V. Steed, J. D. Swift, A. E. Taylor, F. A. Valentine, L. F. Walton, Morgan Ward, E. R. Worthington, Max Zorn.

In the first part of the meeting three papers were presented with Professor Max Zorn presiding. After a brief intermission Professor Hans Lewy delivered the invited hour address entitled *Water waves on sloping beaches* with Professor E. T. Bell presiding. Following this the remaining papers were presented.

Titles and cross references to the abstracts of the papers read follow below. Papers whose abstract numbers are followed by the letter *t* were read by title.

1. E. F. Beckenbach: *On a characteristic property of linear functions.* (Abstract 51-9-154.)
2. William Gustin: *Countable connected spaces.* Abstract 51-11-249.)
3. R. H. Sorgenfrey: *Concerning continua irreducible about  $n$  points.* (Abstract 52-1-51.)
4. Ernst Snapper: *Polynomial matrices in several variables.* (Abstract 52-1-8.)
5. F. A. Valentine: *Set properties determined by conditions on linear sections.* (Abstract 52-1-52.)
6. O. G. Harrold: *The ULC property of certain open sets. I. Euclidean domains.* (Abstract 52-1-47.)
7. H. S. M. Coxeter: *Quaternions and reflections.* (Abstract 51-11-233-*t*.)
8. Ernst Snapper: *Polynomial matrices in one variable, differential equations and module theory.* (Abstract 52-1-7-*t*.)
9. T. Y. Thomas: *Topological theory of dynamical systems.* (Abstract 52-1-38-*t*.)
10. T. Y. Thomas: *Absolute scalar invariants and the isometric correspondence of Riemann spaces.* (Abstract 52-1-37-*t*.)

11. A. C. Sugar: *On the numerical treatment of forced oscillations.*  
(Abstract 52-1-30-t.)

12. E. M. Beesley and A. P. Morse:  *$\phi$ -Cantorian functions and their  
convex moduli.* (Abstract 52-1-11-t.)

A. C. SCHAEFFER,  
*Associate Secretary*