THE JUNE MEETING IN SEATTLE

The three hundred thirty-third meeting of the American Mathematical Society was held jointly with the meeting of the Pacific Division of the American Association for the Advancement of Science, at the University of Washington, Thursday, June 18. At the time of this meeting, the University of Washington was holding a celebration to commemorate its seventy-fifth anniversary and, as a part of this celebration, the Department of Mathematics held a reunion of its alumni under the joint auspices of the American Mathematical Society and the University of Washington. As a feature of this joint meeting, three alumni of the University of Washington gave invited addresses as follows: Professor H. P. Robertson, *Geometry and physical space-time*; Professor E. T. Bell, *Highlights of mathematical biography*; Professor Harold Hotelling, *Correlated vectors*. The morning session, presided over at different times by Professor A. F. Carpenter and Professor E. T. Bell, was devoted to the presentation of the program of the American Mathematical Society, and was concluded by the address of Professor Robertson. The afternoon session was presided over by Professor Milne, of Oregon State College. The features of this session were the addresses by Professors Bell and Hotelling.

Luncheon for members and their guests was held at the Seattle Yacht Club, during which Professor A. R. Jerbert read a brief history of the Department of Mathematics of the University of Washington.

About fifty persons were in attendance at the meeting, including the following twenty-three members of the Society:

H. C. Ayres, J. P. Ballantine, E. T. Bell, A. F. Carpenter, C. M. Cramlet, W. H. Gage, F. L. Griffin, I. M. Hostetter, Harold Hotelling, Susanne E. Hotelling, R. D. James, A. R. Jerbert, J. C. Knipp, D. H. Lehmer, L. H. McFarlan, W. E. Milne, L. I. Neikirk, E. D. Pepper, H. P. Robertson, L. L. Smail, J. C. Trainor, R. M. Winger, Frederick Wood.

The titles of the papers read at the meeting follow. Those whose abstract numbers are followed by the letter *t* were read by title. Dr. Mary E. Haller was introduced by Professor Winger, Mr. I. E. Highberg by Professor Michal, and Mr. P. O. Bell by Professor Pauline Sperry.

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1. *Problems on the borderline between mathematics and psychology*, by Professor J. C. Trainor. (Abstract No. 42-5-242.)

2. *Self-projective rational octavics*, by Dr. Mary E. Haller. (Abstract No. 42-5-249.)

3. *On functions possessing polynomial addition theorems*, by Dr. D. H. Lehmer. (Abstract No. 42-5-251.)

4. *A vector treatment of the first necessary condition in the problem of Lagrange with finite equations*, by Dr. I. M. Hostetter. (Abstract No. 42-5-253.)

5. *Linear differential equations with constant coefficients*, by Professor C. M. Cramlet. (Abstract No. 42-7-256.)

6. *Geometry and physical space-time*, by Professor H. P. Robertson. (Abstract No. 42-7-258.)

7. *Special forms of the Euler differential equations when x is absent from the integrand*, by Professor L. H. McFarlan. (Abstract No. 42-7-259.)

8. *Arc cotangent triads*, by Professor J. P. Ballantine. (Abstract No. 42-7-260.)

9. *Some symbolic identities*, by Professor L. I. Neikirk. (Abstract No. 42-7-264.)

10. *An extension of two formulas of Hurwitz*, by Dr. R. D. James. (Abstract No. 42-7-265.)

11. *A note on pseudo-polynomials in abstract spaces*, by Mr. I. E. Highberg. (Abstract No. 42-7-268.)

12. *A note on association by quartic matric polynomials*, by Mr. Ivan Niven and Professor F. S. Nowlan. (Abstract No. 42-7-269.)

13. *Covariant configurations associated with a general curved surface at one of its points*, by Mr. P. O. Bell. (Abstract No. 42-7-270.)

14. *Self-corresponding line complexes*, by Professor A. F. Carpenter. (Abstract No. 42-5-246-t.)

15. *On measures and weights by Epiphanius*, by Professor A. A. Shaw. (Abstract No. 42-5-247-t.)

16. *A cubic analog of the Cauchy-Fermat theorem*. II, by Mr. Alvin Sugar. (Abstract No. 42-5-243-t.)

17. *Proof of the non-isomorphism of two collineation groups of order* 5184, by Professor F. A. Lewis. (Abstract No. 42-5-244-t.)

18. *Linear divisibility sequences*, by Professor Morgan Ward. (Abstract No. 42-5-245-t.)

19. *Note on Taylor's theorem*, by Professor R. E. Moritz. (Abstract No. 42-5-248-*t*.)

20. *An algorithm associated with the cotangent function*, by Dr. D. H. Lehmer. (Abstract No. 42-5-250-*t*.)

21. *An extension of Gibbs' vector analysis to n-space*, by Dr. I. M. Hostetter. (Abstract No. 42-5-252-*t*.)

22. *Continuity in topological groups*, by Dr. Deane Montgomery. (Abstract No. 42-5-255-*t*.)

23. *Pointwise periodic homeomorphisms*, by Dr. Deane Montgomery. (Abstract No. 42-5-254-*t*.)

24. *On the reduction of a representation to classical canonical form*, by Professor C. M. Cramlet. (Abstract No. 42-7-257-*t*.)

25. *Concerning more general topologically flat spaces*, by Dr. F. B. Jones. (Abstract No. 42-7-261-*t*.)

26. *Certain equivalences and subsets of a plane*, by Dr. F. B. Jones. (Abstract No. 42-7-262-*t*.)

27. *On the forces occurring in a dynamical system where the coordinate axes have variable relative obliquity* (preliminary report), by Mr. W. H. Ingram. (Abstract No. 42-7-263-*t*.)

28. *On a theorem of Lie*, by Dr. Max Zorn. (Abstract No. 42-7-266-*t*.)

29. *Nilpotency of finite groups*, by Dr. Max Zorn. (Abstract No. 42-7-267-*t*.)

30. *Existence and embedding theorems for hyperbolic systems of partial differential equations*, by Dr. H. C. Ayres. (Abstract No. 42-7-272-*t*.)

In the absence of Associate Secretary T. M. Putnam, Dr. R. D. James acted as secretary.

T. M. Putnam,
Associate Secretary