



April Meeting of the Metropolitan New York Section

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4. *On trigonometric matrices and their applications*, by G. J. Etgen, Headquarters, N.A.S.A., Washington, D. C.

5. *An example of optimal control*, by G. S. Jones, Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, (invited address).

6. *On the original Malfatti problem*, by Michael Goldberg, Bureau of Naval Weapons, U. S. Navy, Washington, D. C.

7. *Plane symmetry groups*, by C. M. Makepeace, National Civil Defense Computer Facility, Olney, Maryland.

8. *Statistical validation of mathematical computer routines*, by Carl Hammer, UNIVAC, Washington, D. C.

G. N. TRYTTEN, *Secretary*

APRIL MEETING OF THE METROPOLITAN NEW YORK SECTION

The twenty-fifth annual meeting of the Metropolitan New York Section of the MAA was held on April 30, 1966, at the Polytechnic Institute of Brooklyn. There were 105 persons present, of whom 75 were members of the Association. Abraham Schwartz of the City University of New York was elected Governor of the Section; the terms of the other officers of the Section extend to the 1967 annual meeting. It was decided that next year, at the 1967 meeting, a Vice President for Junior Colleges would be elected, in addition to the established office of Vice President for High Schools.

The program of the meeting was as follows:

1. *Topics in topological algebra*, by Terrell Gardner, Queens College.

The continuous character groups of the additive reals, the circle group, and the additive integers (usual topologies) were derived, topologized as old friends, and their character groups acknowledged, leading to the statement of Pontrjagin's duality theorem. A brief discussion of commutative Banach algebras included a statement of the Stone-Weierstrass and Gelfand representation theorems. The existence of non-commutative analogues for C^+ -algebras was mentioned. Finally, the p -adic fields were described, and their utility in number theory remarked.

2. *CUPM Panel on college teacher preparation*, by Leonard Gillman, University of Rochester.

The recently formed Panel is charged with examining all phases of college teacher preparation. It is recommending more summer institutes and the creation of several new types of institutes to help present teachers, and it is considering special graduate programs for the preparation of new teachers.

3. *Report of the Chairman of the Contest Committee and presentation to winners of the Metropolitan New York Section Contest*, by C. T. Salkind, Polytechnic Institute of Brooklyn.

4. *Report of the Section Governor and of the Director of the Speakers Bureau*, by J. N. Eastham, Queensborough Community College.

5. *Treasurer's report*, by Aaron Shapiro, Midwood High School.

6. *Round table discussion*—"Transition in Mathematics from High School to College." Chairman of the discussion was Meyer Jordan, Brooklyn College. Speakers on the topic were: Benjamin Bold, Stuyvesant High School; Freeman Cope, Queens College; George Crossman, New York City Board of Education; Harry Ruderman, Hunter High School; Jules Russell, Polytechnic Institute of Brooklyn; Abraham Schwartz, The City College.

The meeting concluded with a showing of the Calculus Film Project of the Committee on Educational Media.

MARY HAGEN, *Secretary*

APRIL MEETING OF THE SOUTHWESTERN SECTION

The annual meeting of the Southwestern Section of the MAA was held at the University of New Mexico, Albuquerque, on April 1-2, 1966. There were 78 persons including 55 members of the Association in attendance. Section Chairman J. Mayer, University of New Mexico, presided.