



The May Meeting of the Metropolitan New York Section

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THE MAY MEETING OF THE METROPOLITAN NEW YORK SECTION

The twenty-first annual meeting of the Metropolitan New York Section of the Mathematical Association of America was held at the University Heights Center of New York University on May 12, 1962. Dr. John W. Knedler, Jr., Dean, University College of Arts and Sciences of New York University, welcomed the gathering. Professor Abraham Schwartz, Collegiate Vice-Chairman of the Section, presided at the morning session and Professor J. P. Russell, Chairman of the Section, presided at the business meeting and afternoon session. One hundred and twenty-five people, including eighty-five members of the Association, were registered at the meeting.

Professor C. T. Salkind presented the awards to local winners in the mathematics contest sponsored by the Mathematical Association of America and the Society of Actuaries. He then gave reports as Chairman of the Contest Committee and as Governor of the Section. Reports were also presented by the Treasurer, Mr. Aaron Shapiro, and by Professor J. N. Eastham, Chairman of the Speakers' Bureau.

The following papers were presented at the meeting:

1. *Power of a real number with integral difference*, by Professor H. J. Cohen, College of the City of New York.

2. *Anomalies of satellite orbits as viewed by a mathematician*, by Dr. Paul Savet, Staff Scientist, ARMA Division, American Bosch ARMA Corporation.

In classical astronomy one usually considers point masses at great distances. In satellite dynamics, short distances and finite mass distributions are considered; the particular shape of the earth contributes additional complexities. Finite expansions of two prime integrals are derived, and results extended in adapting this technique to various satellite trajectory problems. An up-to-date summary of the author's recent investigations in this area was presented. A preliminary paper on this subject has been published by the Pergamon Press, *Ballistic Missiles and Space Technology*, Vol. III, 1961.

3. The afternoon session consisted of a panel discussion entitled *Preparation for the professional mathematician*. The moderator was Dean Mina S. Rees, City University of New York. Included in the panel were: Dr. H. O. Pollak, Bell Telephone Laboratories; Dr. Leonard Procita, Downstate Medical Center; Mr. Harrison Givens, Jr., Equitable Life Assurance Society; Dr. L. W. Cohen, University of Maryland.

MARY P. DOLCIANI, *Secretary*

THE MAY MEETING OF THE MINNESOTA SECTION

The annual spring meeting of the Minnesota Section of the Mathematical Association of America was held on May 12, 1962, at the College of Saint Teresa, Winona, Minnesota. Sister Thomas à Kempis, O.S.F., College of Saint Teresa, presided at the morning session, and the Section Governor, Professor Warren Loud, University of Minnesota, presided at the afternoon session. There were 99 persons registered for the meeting, of whom 66 were members of the Association.

At the business meeting Sister Seraphim, C.S.J., College of St. Catherine, briefly described the 1962 Minnesota High School Mathematics Contest, for which the Minnesota Section was a sponsoring agency. The following officers were elected to serve during the school year of 1962-1963: Chairman, Professor W. J. Thomsen, Mankato State College; Secretary-Treasurer, Professor Murray Braden, Macalester College; Members of the Executive Committee, Professor Charles Hatfield, University of North Dakota, Sister Thomas à Kempis, College of Saint Teresa, and Professor Lawrence Markus, University of Minnesota.