



April Meeting of the Metropolitan New York Section

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APRIL MEETING OF THE METROPOLITAN NEW YORK SECTION

The thirty-fourth annual meeting of the Metropolitan New York Section of the MAA was held at Brooklyn College, CUNY, on April 20, 1975. One hundred and thirty-one persons registered.

Professor Israel Rose of Lehman College, CUNY, Chairman of the Section, presided at the morning session which began with the business meeting.

Professor Meyer Jordan of Brooklyn College, CUNY, Sectional Governor, reported on major items before the Board of Governors in the past year. In particular he noted that Professor William Zlot was elected Sectional Governor as of July 1, 1975. Committee chairmen then gave their reports as follows: Professor Erwin Just, Bronx Community College, CUNY, reported on the Section Committee for Two-Year Colleges; Professor William Zlot, New York University, reported on the Mathematics Services Committee; Professor Howard Kleiman, Queensborough Community College, CUNY, reported on the Speakers' Bureau; and Dr. Harry Ruderman, Hunter College High School, reported on the Greater Metropolitan New York Math Fair, and the MAA High School Contest.

The Section Award to the highest regional scorer in the Putnam Competition was presented to John P. Matelski of Columbia University.

The following Section officers were elected for 1975-77: Chairman, Gerald Freilich, Queens College, CUNY; Vice-Chairman for Four-Year Colleges, Maurice Nadler, Pace University; Vice-Chairman for Two-Year Colleges, Helen Siner, Staten Island Community College, CUNY; Vice-Chairman for High Schools, Harry Ruderman, Hunter College High School.

The morning session continued with the following lectures:

1. *Convex sets and proper values*, by Alan Hoffman, Graduate Center, CUNY, and IBM, Yorktown Heights.
2. *A significant but forgotten squabble on the foundations of modern probability theory*, by Albert Novikoff, Courant Institute, NYU.

Professor Gerald Freilich, Vice-Chairman for Four-Year Colleges, presided at the afternoon session which began with a panel discussion on *Applications of Group Theory*. Robert Bumcrot, Hofstra University, spoke on *Groups and Finite Geometries*; Leon Landovitz, Graduate Center, CUNY, spoke on *Some Uses of Groups in Theoretical Physics*; and Marvin Tretkoff, Stevens Institute of Technology, spoke on *Group Theory and Ornamentation*.

The following student and faculty papers were then given in parallel sessions:

1. *Evaluation of $\int_0^{\infty} e^{-x^2} dx$* , by B. Lederman, Math Fair Winner, South Central H. S.
2. *A nonmeasurable subset of the reals*, by W. Page, New York City Community College, CUNY.
3. *A modern approach to Stokes' theorem*, by P. Huang, student, Princeton University.
4. *The Poisson transform*, by H. J. Hindin, Hunter College, CUNY.
5. *Practical numbers*, by H. Heller, Math Fair Winner, Cardoza H. S.
6. *Initially and terminally extendable sets of integers*, by I. Wolf, Brooklyn College, CUNY.
7. *Formalization of number theory by reduction of all meaningful statements to symbol strings*, by J. Propp, Math Fair Winner, Great Neck North H. S.
8. *Are there an infinite number of primes in the sequence $10^n + 1$?*, by M. Avidon, Math Fair Winner, Lafayette H. S.
9. *A solution to the baseball pool problem via coding theory*, by S. Cohen, New Jersey Institute of Technology.
10. *Binomial identities derived from games of chance*, by H. Schwesky, student, Queens College, CUNY.
11. *The small college math program*, by S. d'Ambra, Brooklyn College, CUNY.
12. *A mathematics teaching philosophy*, by C. Sutton, Manhattan Community College, CUNY.
13. *A theorem on two tetrahedra*, by L. Gerber, St. John's University, Jamaica, N.Y.
14. *How not to lose a root of a quadratic equation*, by A. Todd, Brooklyn College, CUNY.
15. *Balancing chemical equations mathematically*, by G. Gruber, student, Brooklyn College, CUNY.

RORA IACOBACCI, Secretary

APRIL MEETING OF THE MISSOURI SECTION

The annual Spring meeting of the Missouri Section of the MAA was held at Missouri Western State College, St. Joseph, Missouri, on April 18 and 19, 1975. A total of 90 registered for this meeting.

The officers for 1975-76 are as follows: Chairman, J. R. Downing, Southwest Missouri State University; Vice-Chairman, F. W. Wilke, University of Missouri-St. Louis; Secretary-Treasurer, H. K. Stumpff, Central Missouri State University; Past-Chairman, Jerry Wilkerson, Missouri Western State College.