October Meeting of the Minnesota Section

Warren Thomsen (Secretary)

MATHEMATICAL ASSOCIATION OF AMERICA

Official Reports and Communications

OCTOBER MEETING OF THE MINNESOTA SECTION

The annual fall meeting of the Minnesota Section of the MAA was held at Concordia College, Moorhead on October 26, 1968. There were 107 persons registered including 81 members. At the business meeting conducted by Chairman E. J. Camp, a new set of by-laws was adopted which changes the name of the section to North Central Section.

Professor R. A. Bing, University of Wisconsin, gave the invited address, "The Elusive Fixed Point Property."

The following papers were presented:

1. *Delta curves of constant width*, by J. D. E. Konhauser, Macalester College.

2. *Numerical integration by continued fractions—An example*, by G. A. Kemper, University of North Dakota.

3. *On the construction of topological examples*, by Lynn Steen and Arthur Seebach, St. Olaf College.

4. *Some necessary and sufficient conditions for commutativity of reflections*, by W. C. Ramaley, Carleton College.

5. *On the equivalence of cancellative extensions of cancellative semi-groups by groups*, by Charles Heuer, Concordia College.

6. *A countable, connected, locally connected Hausdorff Space*, by Allan Kirch, Macalester College.

7. *The preparation of Junior College Teachers of Mathematics*. Panel discussion; moderator: Wayne Roberts, Macalester College; panelists: Charles Blackstad, Worthington State Junior College; Warren Stenberg, University of Minnesota; Richard Twaddle, Anoka-Ramsey State Junior College.

<div align="right">WARREN THOMSEN, <i>Secretary</i></div>

NOVEMBER MEETING OF THE INDIANA SECTION

The fall meeting of the Indiana Section of the MAA was held on November 2, 1968 at Butler University. There were 85 persons in attendance, including 77 members of the Association.

The group was welcomed by Dr. Alexander Jones, President of Butler University. The following program was then presented at the morning session:

1. *On Hermite-Birkhoff interpolation*, by Kendall Atkinson, Indiana University.

2. *Homomorphism topologies and abelian groups*, by B. F. Hobbs, Olivet Nazarene College.

3. *Boundary behavior for quasi-conformal mappings*, by Glenn Schober, Indiana University.

4. *Let's be honest with the undergraduate—a numerical analyst's point of view of Cramer's rule, inverses of matrices, Laplace's equation, and other formulas: some useful and others not*, by Robert Lynch, Purdue University.

Following a brief business meeting in the afternoon, Professor George Minty of Indiana University delivered an invited address on "Kirszbraun's Theorem (geometry) and its relatives, and their applications in analysis."

<div align="right">M. J. MANSFIELD, <i>Secretary-Treasurer</i></div>