

PROGRAM

IOWA SECTION, MATHEMATICAL ASSOCIATION OF AMERICA

Drake University, Des Moines, Iowa

Chairman, William L. Waltmann

Friday, April 21, 1967

Morning Session

9:40-10:50 a.m.

Contributed papers:

1. Karl Menger's contribution to ethics. Edward S. Allen, Ames.
2. The reversed upper central series in the polarization process in groups. Donald Pilgrim, Decorah.

3. Multiplicative operations of rings. Max A. Klicker, Denver, Colorado.

4. Functions "close" to continuous functions. A. Vaidyanathan, Ames.

Invited Paper. Estimates of variance in designed experiments.
Fred C. Leone, Iowa City.

Panel. Problems in the first two years of college mathematics teaching. John C. Friedell (chairman), Loras College, Dubuque; David Q. Porter, Muscatine Community College, Muscatine; Thomas M. Price, University of Iowa, Iowa City.

Afternoon Session

1:30-3:30 p.m.

2:00-4:00

Business Meeting. Election of Section Officers.

Contributed Papers:

5. The role of axiomatics and problem solving in mathematics. Fred W. Lott, Jr., Cedar Falls.

6. Convergent solutions of ordinary linear homogeneous difference equations in the neighborhood of an irregular singular point. William J. A. Culmer, Denison.

7. Eigenvectors by room reduction. Robert Lambert and Richard Sincove, Ames.

Invited Address. Riemann integration in ordered fields. John M.H. Olmsted, Southern Illinois University, Carbondale, Illinois.