

THE REGULAR MEETING OF THE IOWA SECTION  
MATHEMATICAL ASSOCIATION OF AMERICA

The 69th regular meeting of the Iowa Section, M.A.A., was held on the campus of Grinnell College, Grinnell, Iowa, on March 26 and 27, 1982. The meeting was held jointly with the Iowa Sections of the Society for Industrial and Applied Mathematics and the American Statistical Association. The sessions were presided over by Chairperson-Elect Edward Hill with the aid of Professor Donald Bailey. There were 41 persons present on Friday, 37 of whom were members of the section. Of the 47 people attending the Saturday sessions, 42 were MAA members. In total, 61 persons attended at least one of the sessions including 53 members of the Iowa section.

The program, arranged by Edward Hill, Kendall Atkinson of SIAM, and Thomas Moberg of ASA consisted of the contributed papers and invited addresses listed below as well as the Governor's report by William Waltmann, and the business meeting.

At the business meeting, Lynn J. Olson of Wartburg College was elected to the office of Chairperson-Elect. After a report by Chairperson A. M. Fink, the following two resolutions were passed.

1. The Iowa Section of MAA hereby expresses its appreciation to the Des Moines club of the Society of Actuaries for their efforts in conducting the Annual High School Mathematics Examination in Iowa.
2. The Iowa Section of MAA hereby authorizes its chairperson to select awards for the five prizewinners of the Annual High School Mathematics Examination in Iowa each year and to arrange for presentation of these awards to the recipients by a representative of the Iowa Section of MAA at the annual awards ceremony.

With regard to future meetings, the group voted to continue to meet jointly with SIAM and ASA at a date and time determined by the executive committee which would not be in conflict with other meetings of interest to members of these organizations as well as NCTM.

Appreciation was expressed to A. M. Fink and Ed Hill for their efforts in organizing the meeting and to Arnold Adelberg and Grinnell College for hosting the meeting.

Invited Addresses:

\* "Measles and Rubella: Can They be Eradicated in the U.S.A.?" by  
H. W. Hethcote, University of Iowa

"New Initiatives in Pre-College Mathematics Education" by Marsha Sward, MAA

"Statistics and the Law" by S. S. Brier, University of Iowa

Short Presentations:

- 1118<sup>r</sup>  
a
- \* "Transforms and the Consistency of Several Algebraic Theories" by  
M. H. Millar, University of Northern Iowa
  - "The Algebraic Geometry of Elementary Integral Calculus" by  
J. Murdock, Iowa State University
  - \* "Objects of Fractional Dimension" by S. J. Willson, Iowa State University
  - "The Mathematical Teacher Shortage" by W. Rudolph, Iowa State University
  - "Changing Patterns in Freshman Mathematics Placement at Luther College"  
by R. Jacobsen, Luther College
  - "MAWIS Report" by A. M. Fink, Iowa State University
  - "Place-value Systems and Integers in the Computer" by  
E. Moore, Grinnell College
  - "Direct Proofs of Equalities" by A. Solow, Grinnell College
  - "Minimal Spheres" by R. K. Smith, Graceland College
  - \* "Tictactoe for Strategists" by I. R. Hentzel, Iowa State University and  
R. K. Smith, Graceland College
  - \* "Simple  $C^*$  Algebras" by J. R. Peters, Iowa State University
  - \* "Rearrangements of Divergent Series" by E. Johnston, Iowa State University
  - "Summing Series of Completely Monotonic Functions" by  
A. M. Fink, Iowa State University

Respectfully submitted,



E. J. Peake  
Secy-Tres.  
Iowa Section MAA