

MATHEMATICAL ASSOCIATION OF AMERICA

Official Reports and Communications

APRIL MEETING OF THE IOWA SECTION

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0046
0062
0077
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0115
0118
0128
0142
0145
0158
0162
0176
0190
0193
0204
0217
0222
0231
0246
0250

The 62nd regular meeting of the Iowa Section of the MAA was held at Iowa State University, Ames, on April 19, 1975. Chairman Donald Pilgram presided. Total attendance was 59, including 44 members of the section.

Following the contributed papers and invited lectures, Governor Muller's report was given and the business session held. The Visiting Lecture Program conducted by the Section was discussed and it was decided to continue the program on an informal basis.

James Cornette, Iowa State University, was elected Chairman-Elect, and B. E. Gillam, Drake University, was elected Secretary-Treasurer.

The program, arranged by Lawrence Hart, consisted of the following:

1. *Patterns in problem solving: a report on an NSF/AAAS Chautauqua-type short course*, by Joseph Schaefer, Loras College.
 2. *Elementary proofs of Phragmen-Brouwer and related topological properties in euclidean spaces*, by Don Sanderson, Iowa State University.
 3. *Unknotting knots and links in E^3 by maps*, by Howard Lambert, University of Iowa.
 4. *How can articulation between two-year and four-year colleges be improved?*, by Merlin Fischer, Iowa Central Community College.
 5. *Boundary value problems and functions of matrices*, by Walter Will, Decorah.
 6. (Invited Lecture) *Problems in the mathematics curriculum and student placement*, by Betty Hinman, Downtown College, University of Houston.
 7. *The bicentennial puzzle*, by D. Greenwell, Iowa State University.
 8. *Historical development as a guide to mathematics education*, by J. L. Cornette, Iowa State University.
 9. (Invited Lecture) *Optimal strategies for red-black casinos*, by Stuart Klugman, University of Iowa.
- B. E. GILLAM, Secretary-Treasurer