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April Meeting of the Indiana Section

R. T. Hood (Secretary-Treasurer)

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APRIL MEETING OF THE INDIANA SECTION

The spring meeting of the Indiana Section of the MAA was held at Rose-Hulman Institute of Technology, Terre Haute, on Saturday, April 27, 1974, with approximately forty-five members present. The morning program consisted of the following papers: "A Constructive Theory of Completeness," by Professor John Lennes, Valparaiso University; "Newton's Power Sum Formula and Some Related Multisections," by Professor Clark Kimberling, Evansville University; "Fixed Point Iteration Using Infinite Matrices," by Professor B. E. Rhoades, Indiana University; "When do the Periodic Elements of a Group Form a Subgroup?" by Professor Gary Sherman, Rose-Hulman Institute.

Following lunch an MAA film was shown of an address by Professor R. H. Bing: "Some Challenging Conjectures." During the business meeting, Professor L. J. Cote was chosen to be the Indiana co-chairman of the MAA High School Contest for 1975. The formation of a speakers' bureau (of members who would be willing to speak at sister institutions) was discussed. Professor Harold Hanes, Earlham College, as chairman of the Nominating Committee, presented the following slate of officers for 1974-75 (which was unanimously approved): Chairman, Professor M. D. Thompson, Indiana University; Vice-chairman, Professor R. T. Hood, Franklin College; Secretary-Treasurer, Professor David Wilson, Wabash College.

Following the business meeting, Mr. Dale Van Laningham, a Rose-Hulman student and member of Pi Mu Epsilon, spoke on "The Sinbad Steamship Company: A Program to Schedule Freighter Traffic Optimally." An invited address followed, by Professor Casper Goffman, Purdue University: "Everywhere Convergence of Fourier Series."

R. T. HOOD, *Secretary-Treasurer*

APRIL MEETING OF THE IOWA SECTION

The 61st regular meeting of the Iowa Section of the MAA was held at Upper Iowa University, Fayette, Iowa, on April 19, 1974. Chairman Donald Bailey presided. Total attendance was 33, including 32 members of the Section and one visitor from the Kansas Section.

Following the invited address, "Ramsey Theory and the Problem of Eccentric Hosts," by Seymour Schuster, Carleton College, and Governor Hogg's report, the business meeting was held. A progress report of the Visiting Lectures Program conducted by the Section was given by Chairman Bailey, and by general consent, it was agreed that we should continue the program. Attendance and ways to increase participation in the section affairs were discussed, but no definitive action was taken.

Lawrence Hart, Loras College, Dubuque, Iowa, was elected as Chairman-Elect.

The following contributed papers completed the program:

1. *Isoderivative curves*, by George Bridgman, Wartburg College.
2. *A mean value theorem for integrals*, by Donald Bailey, Cornell College.
3. *A simplified proof of Bezout's theorem*, by Arnold Adelberg, Grinnell College.
4. *A small college cooperative seminar*, by E. T. Hill, Cornell College.

B. E. GILLAM, *Secretary-Treasurer*