

THE AMERICAN MATHEMATICAL MONTHLY	
THE OFFICIAL JOURNAL OF THE MATHEMATICAL ASSOCIATION OF AMERICA	
VOLUME 81	NUMBER 2
CONTENTS	
Plenary Problems and Their Solution	1060
Strong Induction and Strong Recursion	1061
How to Measure a Mathematician	1062
Report of the Committee on New Priorities for Undergraduate Education in the Math-	1063
ematical Sciences	
Quanta	1064
Mathematical Notes	
Asymptotic and Lower Products	1065
A Characterization of Completely Monotonic Functions	1066
A Note on the Intermediate Value Property	1067
On the Nature of Group-Valued Functions and an Algebraic Problem	1068
Best Approximation of Continuous Functions by $C^r$ Functions	1069
A Note on Primes with Arbitrary Order in Normal Subgroups of Groups	1070
Arithmetic Progressions	1071
Resonance Phenomena	
Characterization of $C$ and the Double Metric Property	1072
Continuity Notes	
On the Continuity of Functions	1073
Some Applications of Group Theory to Normal Subgroups	1074
Strong Induction and Strong Recursion	1075
For the Community	1076
Mathematical Problems and Unsolved Problems	1077
Continued on inside cover	1078

# The American Mathematical Monthly

ISSN: 0002-9890 (Print) 1930-0972 (Online) Journal homepage: <https://maa.tandfonline.com/loi/uamm20>

## October Meeting of the Indiana Section

R. T. Hood (Secretary-Treasurer)

To cite this article: R. T. Hood (Secretary-Treasurer) (1974) October Meeting of the Indiana Section, The American Mathematical Monthly, 81:9, 1060-1060, DOI: [10.1080/00029890.1974.11993729](https://doi.org/10.1080/00029890.1974.11993729)

To link to this article: <https://doi.org/10.1080/00029890.1974.11993729>



Published online: 11 Apr 2018.



Submit your article to this journal [↗](#)



Article views: 3



View related articles [↗](#)

Membership is open "to any person with interest in the history and philosophy of mathematics." Annual dues of \$4.00 were set for 1974 and 1975. *Historia Mathematica* was named the official journal of the Society, and members were offered the option of paying a single fee of \$10.00 for membership and subscription to the journal, starting with 1974 and Volume I. Those interested in membership should write to the Secretary-Treasurer, Professor J. L. Berggren, Mathematics Department, Simon Fraser University, Burnaby, British Columbia.

The first annual meeting was divided between sessions with the Canadian Society for the History and Philosophy of Science in connection with the Learned Societies Conference in Toronto (3-4 June) and with the Canadian Mathematical Congress at Laval University (7 June). In Toronto there was a joint meeting with the C.S.H.P.S./S.C.H.P.S. on the role of mathematics in the history of physical science, at which the speakers were J. L. Berggren, Stillman Drake, and H. S. M. Coxeter. There was also a session with papers by Tyrone Lai, Stephen Regoczei, Byron Wall, V. Linis, G. H. Moore, and P. K. Schotch. At Laval University there was a session with papers by Wei-Ching Chang, K. O. May, and G. H. Moore. In addition, H. Zassenhaus and E. A. Barbeau gave invited addresses on historical topics.

---

## MATHEMATICAL ASSOCIATION OF AMERICA

### *Official Reports and Communications*

#### OCTOBER MEETING OF THE INDIANA SECTION

The fall meeting of the Indiana Section of the MAA was held at Ball State University, Muncie, on Saturday, October 20, 1973, with approximately 120 persons in attendance.

The morning program consisted of papers by Professor M. A. Nyman, Manchester College, on "Some Remarks on a Generalization of Haar Series," and by Professor F. W. Owens, Ball State University, "On Some Graph Theoretical Research Problems from the Monthly." There followed a panel discussion on mathematics as viewed by representatives from business and industry, with Professor M. D. Thompson, Indiana University, as chairman, and consisting of Kenneth Clark, Lincoln National Life Insurance Co., Fort Wayne; Donald Holland, Operations Research Group, Detroit Diesel, Allison Division of General Motors, Indianapolis; David Sears, Computer Science-Numerical Analysis Division, General Motors, Indianapolis; and Lealon Tomkinson, Statistics Group, Eli Lilly Company, Indianapolis.

A business meeting followed the luncheon. In addition to reports on current plans of the MAA, the MAA High School Contest in Indiana, and the Indiana School Mathematics Journal, the members approved unanimously the motion of Professor M. C. Gemignani, Indiana-Purdue at Indianapolis, that the Section adopt a registration fee of one dollar at each meeting, with the proviso that the Executive Committee be delegated authority to exempt certain classes of attendants, such as speakers and students, from payment of this fee. In the absence of any news on the bill on science and technology, there was no report made.

An invited address followed on "Mass Balance and Interdisciplinary Models," by Professor Robert Pingry, Purdue University.

R. T. HOOD, *Secretary-Treasurer*