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Mathematical Association of America

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MATHEMATICAL ASSOCIATION OF AMERICA

Official Reports and Communications

OCTOBER MEETING OF THE OHIO SECTION

The Ohio Section of MAA held its Fall meeting at Ohio Northern University, Ada, Ohio, October 20 and 21, 1978. Approximately one hundred and fifty people were in attendance. Section Chairperson M.D. Wetzel presided; C.A. Long was the Program Chairman.

Invited addresses included: *Numerical Instabilities and Their Cure*, by W.S. Dorn, University of Denver; and *Numerical Analysis—The State of the Art*, by R.S. Varga, Kent State University.

The following contributed papers were also presented:

Hilbert Polynomials, D.D. Berry, Wittenberg College

Numerical Solution to Differential Equations, J.C. Hintz, University of Akron

On Normal Sylow Subgroups, D.J. Horwath, John Carroll University

Computing Output Distributions of Stochastic Systems, C. Looney, University of Toledo

An Algorithm for the Characteristic Polynomial of a Matrix, W.A. McWorter, Jr., Ohio State U.

Minimum Two-Impulse Velocity Correction for a Space Probe, J.R. Michel, Marietta College

Orthogonal Polynomials for Non-Classical Weight Functions, T.E. Price, Jr., University Akron

Calculus at Ohio State, J. Riedl and H. Allen, Ohio State University

A Very Elementary Computer Model Based on the Brachistochrone Problem, L.J. Schneider, John Carroll University

Conjugate Direction Algorithms in Numerical Analysis and Optimisation, J. Stein, Univ. Toledo

Numerical Methods in Finding Optimal Experimental Designs, J-Y Tsay, University of Cincinnati

What Can a Pocket Programmable Do for You in Numerical Analysis? W.C. Weber, Bowling Green U.

The meeting agenda also included meetings of the Executive Committee, of MAA Ohio Section Campus Representatives, of mathematics department chairpersons for state supported institutions, and of *ad hoc* committees: Committee on Co-operation Among Colleges and Universities, Committee on Curriculum, and Committee on Teacher Training and Certification.

Meeting highlights included discussion sessions. A *Panel Discussion on Numerical Methods in Mathematics—Teaching, Research, and Industry* was led by W.S. Dorn, University of Denver; D.O. Norris, Ohio University (moderator); I. Shavitt, Battelle Memorial Institute, Columbus; and R.S. Varga, Kent State University. 'Swap' sessions included: *Numerical Methods in Teaching Calculus*, led by J.C. Hintz, University of Akron; and *Collective Bargaining and Its Effect on Teaching and Research*, led by M. Levine, University of Cincinnati.

Section officers for academic year 1978-79 are: M.D. Wetzel, Dennison University, Chairperson; D.O. Koehler, Miami University, Chairman-Elect; W.H. Byer, University of Akron, Past Chairman; G. Mavrigian, Youngstown State University, Secretary-Treasurer; C.A. Long, Bowling Green State U., Program Chairman; H.W. Vayo, University of Toledo and D.J. Horwath, John Carroll University, Program Committee Members. Also, R.L. Wilson, Ohio Wesleyan University, serves as Sectional Governor; S.W. Hahn, Wittenberg University, as MAA representative on the Committee-On-Sections; L.J. Schneider, John Carroll University, as Supervisor of the MAA High School Mathematics Competition; C.F. Yang, Miami University, Middletown Campus, as representative to the Two-Year College Mathematics Journal; and R.A. Little, Baldwin-Wallace College, as Section Newsletter Editor.

GUS MAVRIGIAN, *Secretary-Treasurer*

OCTOBER MEETING OF THE INDIANA SECTION

The fall meeting of the Indiana Section of the MAA was held at Marian College at Indianapolis on Saturday, October 28, 1978, with approximately 50 persons in attendance. The chairman of the Section, M. Jerison of Purdue University, presided.

The following papers were presented:

The Goldbach conjecture, U. Dudley, DePauw University

Fractals - objects with curious dimensions, M. Jerison, Purdue University

If the axiom of choice were false, A. Blass, Universities of Michigan and Wisconsin

Panel discussion on how calculators will change the school mathematics curriculum. Panelists:

G. Wheatley, Purdue University; J. McIntosh, Indiana University

At the business meeting it was decided to continue the tradition of one year of holding the spring meeting in conjunction with the Friendly Math Competition.

D. WILSON, *Secretary-Treasurer*

CALENDAR OF FUTURE MEETINGS

Sixty-second Annual Meeting, Biloxi, Mississippi, January 26–28, 1979.

Fifty-ninth Summer Meeting, University of Minnesota, Duluth, August 21–23, 1979.

The following is a list of the Sections of the Association with dates of future meetings so far as they have been reported to the Editorial Director.

ALLEGHENY MOUNTAIN, last weekend in April or first weekend in May. Deadline for papers 6 weeks before meeting.

FLORIDA, early March. Deadline for paper titles 2 weeks before meeting.

ILLINOIS, first Friday/Saturday in May.

INDIANA

INTERMOUNTAIN

IOWA, third weekend in April. Deadline for papers February 1.

KANSAS, Johnson County Community College, Overland Park, April 7, 1979.

KENTUCKY, early April. Deadline for papers 6 weeks before meeting.

LOUISIANA–MISSISSIPPI, Friday–Saturday before February 20. Deadline for papers 3 months before meeting.

MARYLAND–DISTRICT OF COLUMBIA–VIRGINIA, Saturday before Thanksgiving and last Saturday in April.

METROPOLITAN NEW YORK, Adelphi University, May 5, 1979.

MICHIGAN, first Friday and Saturday in May. Deadline for papers 6 weeks before meeting.

MISSOURI, late March/early April. Deadline for papers January 31.

NEBRASKA, April.

NEW JERSEY, early November and early May.

NORTH CENTRAL, end of October and April. Deadline

for papers October 1 and April 1.

NORTHEASTERN, Saturday after Thanksgiving, and third week in June in odd-numbered years.

NORTHERN CALIFORNIA, Sonoma State University, Rohnert Park, February 24, 1979.

OHIO, Miami University, Middletown, April 20–21, 1979.

OKLAHOMA–ARKANSAS, Oklahoma State University, Stillwater, March 30–31, 1979.

PACIFIC NORTHWEST, University of British Columbia, Vancouver, June 15–16, 1979.

PHILADELPHIA, Saturday before Thanksgiving.

ROCKY MOUNTAIN, University of Denver, Denver, April 27–28, 1979.

SEAWAY, first Saturday in November and Saturday in late April. Deadline for papers 6 weeks before meeting.

SOUTHEASTERN, University of Tennessee, Chattanooga, April 6–7, 1979.

SOUTHERN CALIFORNIA, first or second Saturday in March.

SOUTHWESTERN, usually in April. Deadline for papers 2 weeks before meeting.

TEXAS, Friday and Saturday in early April. Deadline for papers March 1.

WISCONSIN, Friday and Saturday between mid-April and first week in May. Deadline for papers 6 weeks before meeting.

FUTURE MEETINGS OF OTHER ORGANIZATIONS

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, Houston, Texas, January 3–8, 1979.

AMERICAN MATHEMATICAL ASSOCIATION OF TWO YEAR COLLEGES

AMERICAN MATHEMATICAL SOCIETY, Biloxi, Mississippi, January 24–27, 1979.

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

ASSOCIATION FOR COMPUTING MACHINERY, Plaza Hotel, Detroit, Michigan, October 29–31, 1979.

ASSOCIATION FOR SYMBOLIC LOGIC, Biloxi, Mississippi, January 24–25, 1979.

ASSOCIATION FOR WOMEN IN MATHEMATICS

CANADIAN SOCIETY FOR HISTORY AND PHILOSOPHY OF MATHEMATICS/SOCIÉTÉ CANADIENNE D'HISTOIRE ET DE PHILOSOPHIE DES MATHÉMATIQUES

FIBONACCI ASSOCIATION

INSTITUTE OF MATHEMATICAL STATISTICS, Washington, D.C., August 13–16, 1979.

MU ALPHA THETA

NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS, Boston, Massachusetts, April 18–21, 1979.

OPERATIONS RESEARCH SOCIETY OF AMERICA, Hyatt Regency Hotel, New Orleans, Louisiana, April 29–May 1, 1979.

PI MU EPSILON

SCHOOL SCIENCE AND MATHEMATICS ASSOCIATION, Radisson Muehlbach, Kansas City, Missouri, November 8–10, 1979.

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS