Rocky Mountain Section Meeting
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ROCKY MOUNTAIN SECTION MEETING

The 63rd Annual Meeting of the Rocky Mountain Section of MAA was held March 28-29, 1980, on the campus of the University of Colorado in Boulder with 122 members of MAA in attendance. Professor Dorothy Bernstein, President of the Mathematical Association of America, gave the annual banquet address, *A Differential Equation of Literary Criticism*.

The program included two panel discussions:

Transferability of College Credits, moderated by Professor Allan Skillman of Casper College and including as panelists, Professor Ardel Boes of Colorado School of Mines; Professor Corrine Brase of Arapahoe Community College; Professor Burnett Meyer of the University of Colorado at Boulder; and Professor Duane Porter of the University of Wyoming.

Nontraditional Uses of Computers, moderated by Professor Laurel Rodgers and including as panelists Professor Dorothy Bernstein, Brown University; Dr. Bertram Herzog, University of Colorado at Boulder; and Professor Austin Brown, Jr., Colorado School of Mines.

There were fourteen 20-minute papers contributed.

On the Teaching of Projective Geometry, Professor Arne Magnus, CSU

Second-chance Examinations: an Evaluation, Professor David Ballew, SDSM&T

Computer Graphics in the Calculus Classroom, Professor Austin B. Brown, Jr. and Professor Robert S. Fisk, CSM

Some Parallels Between Digital Computers and the Human Mind, Dr. Ira Becker, Ball Brothers

Optimal Channel Assignment and Chromatic Graph Theory, William K. Hale, National Telecommunications and Information Administration, U.S. Department of Commerce

A Conjecture on Consecutive Composites, II, Professor C. Albert Grimm, SDSM&T

Uses of Woodbury's Formula, Professor Dale Rognlie, SDSM&T

An Effective Interactive Introduction to Mathematics for Elementary Teachers (and Others), Professor Earl Hasz, MSC

Cooperative Education in Mathematics, Professor W. E. Brumley, CSU

The Hungarian Magic Cube — A Search for a Solution, Professor Les Shader, UW

Modules in the Mathematics Classroom, Professor Joan R. Hundhausen, CSM

Which is the Most Beautiful Polygon? Professor John H. Hodges, UCB

Four Mutually Tangent Circles — the Second Circle Varying, Professor Hung C. Li, USC

A Locus Determined by the Three Real Roots of the Reduced Cubic Equation, Professor F. Max Stein, CSU

Professor Laurel Rodgers of the University of Colorado at Colorado Springs, Chairman of the Section, presided at the Annual Business Meeting. The new officers for 1980-81 are

       Chairperson: Professor *William Ramaley*, Ft. Lewis College

       Chairperson-Elect: Professor *John Gill*, University of Southern Colorado

       Vice-Chairperson: Professor *Aubrey Owen*, Community College of Denver

       Program Chairperson: Professor *Stephen Shiffman*, Colorado College

Professor *Rebekka Struik* of the University of Colorado reported on the Section's High School Lectureship Program, and Professor *Bernstein* discussed such programs at the national level. Professor *Bernstein* also encouraged MAA membership promotion for those students who plan on college careers. Professor *Duane Porter*'s Governor's Report was read.

DAVID BALLEW, *Secretary*

MARCH MEETING OF THE WISCONSIN SECTION

The Spring Meeting of the Wisconsin Section of the MAA was held at the University of Wisconsin at Milwaukee, March 28-29, 1980, with 83 MAA members and 17 non-members registering. Chairman Norbert J. Kuenzi (US-Oshkosh) presided. The program had been drawn up by Chairman-Elect Anthony E. Barkauskas (UW-LaCrosse) and local arrangements were handled by Robert Hall (UW-Milwaukee).

The invited addresses were:

Modeling Within Mathematics, Peter Hilton (Battelle Research Institute)

Hadamard, Hotelling, Harwit: A New Application of Some Old Mathematics, Neal J. A. Sloane (Bell Telephone Laboratories). Unfortunately, Professor Sloane was too ill to attend and present his address.

The following additional talks were given:

Velocity Changes and Weak Mixing in Ergodic Flows, David Yurchak (UW-Milwaukee)

The Missionaries and Cannibals Learn Graph Theory, Timothy V. Fossum (UW-Parkside)

The Programmable Calculator and the Bored High School Student, Florence N. Greville (UW-Milwaukee)

Developing Number Concepts in Young Children, Kathleen L. Briggs (UW-Milwaukee)

Some Results in Reducibility in Ordinary Differential Equations, M. M. Subramaniam (UW Center-West Bend)

Auto-homeomorphisms of a 2-manifold Induced by 'Twists', Norman Frisch (UW-Oshkosh)

Two Variable Power Series--A Topic for Undergraduates, Jonathan Kane (UW-Madison)

Mathematics in the Social and Biological Sciences: Applications from Project UMAP, Philip D. Straffin (Beloit College)

Mathematical Models of Energy Economics, William Holahan (UW-Milwaukee Economics Department)

Folds, Pleats, and Halos—A Slide Presentation, Walt Tape (UW-Eau Claire)

The Inverse Prediction Problem in Regression, Paul J. Campbell (Beloit College)

A Description of MATH TIPS as Used in a Precalculus Course, Frederic Tufte (UW-Platteville)

Torsion-Theoretic Generalization of Semisimple Modules, William Lau (UW-Milwaukee)

Individualizing the Intermediate Algebra Course—A Report, J. D. Wine (UW-LaCrosse)

The Logarithmic Spiral—A Slide Presentation, Eli Maor (UW-Eau Claire)

Conservative Graphs, David W. Bange (UW-LaCrosse)