



Taylor & Francis
Taylor & Francis Group



April Meeting of the Indiana Section

Source: *The American Mathematical Monthly*, Vol. 88, No. 9 (Nov., 1981), p. 724

Published by: Taylor & Francis, Ltd. on behalf of the Mathematical Association of America

Stable URL: <https://www.jstor.org/stable/2320694>

Accessed: 14-02-2023 17:47 UTC

JSTOR is a not-for-profit service that helps scholars, researchers, and students discover, use, and build upon a wide range of content in a trusted digital archive. We use information technology and tools to increase productivity and facilitate new forms of scholarship. For more information about JSTOR, please contact support@jstor.org.

Your use of the JSTOR archive indicates your acceptance of the Terms & Conditions of Use, available at <https://about.jstor.org/terms>



JSTOR

Taylor & Francis, Ltd., Mathematical Association of America are collaborating with JSTOR to digitize, preserve and extend access to *The American Mathematical Monthly*

THE MATHEMATICAL ASSOCIATION OF AMERICA
Official Reports and Communications

SPRING MEETING OF THE MARYLAND-DISTRICT OF COLUMBIA-VIRGINIA SECTION

The spring meeting of the Maryland-District of Columbia-Virginia Section of MAA was held on Saturday, April 11, 1981 at the College of William and Mary, Williamsburg, Virginia. Eighty-two registrants attended the meeting. *Marcia Sward*, Associate Executive Director of the MAA, gave the invited address. Her topic was "Death on the Highways: Can Mathematics Help?"

Section Chairman *John Smith* presided at the business meeting. *Ernest Mabrey* (Department of Energy) was elected Vice-Chairman for Membership. Other section officers for the coming year are: Chairman, *John Schmeelk* (Virginia Commonwealth University); Immediate Past Chairman, *John Smith* (George Mason University); Vice-Chairman for Programs, *Patrick Hayes* (Federal Reserve); Treasurer, *Arthur Charlesworth* (University of Richmond); AHSME Exam Coordinator, *Edward Bender* (J. Sargeant Reynolds Community College); Newsletter Editor, *Howard Penn* (U. S. Naval Academy); Governor, *Ronald Davis* (Northern Virginia Community College); and Secretary, *Robert Hanson* (James Madison University). Reports on the Annual High School Mathematics Contest, the national newsletter, summer workshops, and future meetings were given. Hearty thanks were expressed to *John Smith* for his leadership as section chairman for the past several years.

The following talks were presented: "Teaching Technical Mathematics," *Ronald Davis*, Northern Virginia Community College; "Computer Use in the Classroom," *James Newsom*, Tidewater Community College; "Teaching Remedial Mathematics," *Betty Weissbecker*, J. Sargeant Reynolds Community College; "Computer Assisted Instruction," *Edward Huff*, Northern Virginia Community College; "Math Labs in Two Year Colleges: An Informal Discussion," *John Massey*, Tidewater Community College; "Least-Cost Live-stock Feeding Using Ethanol Byproducts," *Christopher Reed*, TRW, Inc., and *Douglas Samuelson*, Federal Aviation Administration; "An Algorithm to Route Jets for Transporting Checks Among Federal Reserve Banks," *David McCarthy*, Bureau of Labor Statistics and *Y. C. Park*, Naval Sealift Command; "A Model for Scheduling the Production of Currency," *Hosain Ali Mahan*, The George Washington University; "The Applied Mathematics Laboratory at Towson State University," *John Morrison* and *Martha Siegel*, Towson State University; "Recommendations of the CUPM Subpanel on Computing," *George Engel*, Christopher Newport College; "Recommendations of the CUPM Subpanel on Modeling," *Ralph Disney*, Virginia Polytechnic Institute and State University; "Teaching Computer Graphics," *Caren Diefenderfer*, Hollins College; "A Solution for Rubik's Cube," *Howard Penn*, U.S. Naval Academy; "Group Norms and the Grading of Chronologies," *William Wardlow*, U.S. Naval Academy; "On Sets with Distinct Subset Sums," *Paul Stockmeyer*, College of William and Mary; "Discrete Optimization Using Incremental Analysis," *John Drew* and *Margaret Schaefer*, College of William and Mary; "MAA Placement Testing," *George Lowerre*, Northern Virginia Community College (Woodbridge); "Current and Future MAA Activities: An Informal Discussion," *Marcia Sward*, MAA; "Findings of the MAA Committee on Improving Remediation Efforts in the Colleges," *Eleanor Green Jones*, Norfolk State University; "Production and Use of Video Tapes in Developmental Mathematics," *Calude Moore*, Danville Community College.

APRIL MEETING OF THE INDIANA SECTION

The spring meeting of the Indiana Section of the MAA was held at Indiana University-Purdue University at Indianapolis on Saturday, April 11, 1981, with 59 members present. The Indiana Small College Math Competition was held in conjunction with the meeting.

The following papers were presented at the meeting: "Girard Triangles," *Rodney T. Hood*, Franklin College; "A tiling of the Plane with Triangles," *Paul T. Mielke*, Wabash College; "Counting Matrices of Given Rank," *Ralph P. Grimaldi*, Rose-Hulman Institute of Technology; "Let Us Teach Concepts," *Herman Rubin*, Purdue University; "Differential Games," *Leonard D. Berkovitz*, Purdue University; "Computer Graphics in Teaching Mathematics," *Gerald J. Porter*, University of Pennsylvania; "The Mathematics Curriculum in the 80's," *William A. Marion*, Valparaiso University.

At the business meeting led by Chairman *Duane Deal*, the chairman of the nominating committee *Paul Mielke* presented the following slate of officers for 1981-82, which was unanimously approved: Chairman, *M. Mundt*, Valparaiso University; Vice-Chairman, *C. Cowen*, Purdue University; Secretary-Treasurer, *R. Patterson*, Indiana University-Purdue University at Indianapolis. *Meyer Jerison* of Purdue University was elected Governor. Memberships in the MAA were awarded to *Michael Call*, Rose-Hulman Institute of Technology, and *David Dwyer*, Purdue University, in recognition of their performance on the Putnam examination.

MAY MEETING OF THE ROCKY MOUNTAIN SECTION

The sixty-fourth annual meeting of the Rocky Mountain Section of MAA was held on May 1-2, 1981 on the campus of Colorado College, Colorado Springs, Colorado, with 120 members in attendance. Professor *Leonard Gillman*, Treasurer of the MAA, gave the annual banquet address, "We Can't Teach Our Way out of a Paper Bag," and the invited address, "Optimal Strategies in Sports."

The program included three panel discussions: "Employment Opportunities for Students," moderated by Professor *John Hodges* of the University of Colorado; speakers were *Robert Frost*, NOAA; Professor *Kent Goodrich*, University of Colorado; Professor *John Sopka*, Ft. Lewis College; and Professor *S.W. Wilson*, University of Colorado. "How Do Your Start a Computer Science Program?" moderated by *W.S. Dorn* of Denver University. The speakers included Professor *James Davis* of Mesa College; Professor *Charlotte Murphy*, Metro State College; and Professor *Ron Prather* of Denver University. "How Do We Encourage the Exceptional Student?" moderated by Professor *David Ballew* of South Dakota School of Mines and Technology. The participants were Professor *Stephen Bronn*, University of Southern Colorado and Professor *Paul Perlmutter* of Colorado College.

Twenty-three papers were contributed, eight of them by undergraduate students. "Some Unorthodox Thoughts About Quantum Mechanics," by *Jan Mycielski*, University of Colorado, Boulder; "Can a Mathematician Find Happiness in the Computing Field?" by *William Marion*, Valparaiso University; "Eigenvalues