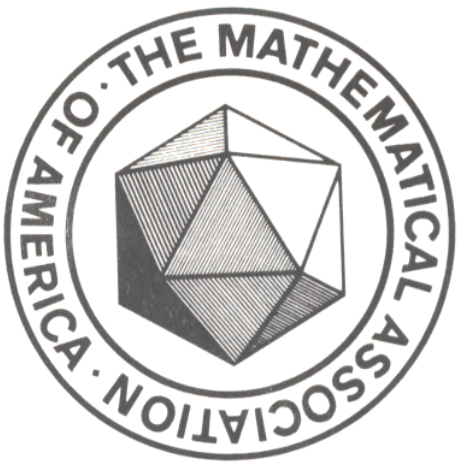


MARYLAND—DISTRICT OF COLUMBIA—  
VIRGINIA SECTION OF THE MAA  
NEWSLETTER



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Vol. 8, No. 3                      Editor: John Milcetic                      Feb. 1987  
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CALL FOR PAPERS

Proposals for talks to be presented at the June 13 meeting of the MD-DC-VA section of the Mathematical Association of America are solicited. The meeting will be held at Salisbury State College, Salisbury, Maryland, on Saturday, June 13. Papers on all aspects of mathematics and mathematics education are welcomed and encouraged.

As usual, presentation of papers is usually limited to thirty minutes, but exceptions can be easily arranged. Those interested in presenting papers are asked to send an abstract to:

William Sanders  
Vice-Chairman for Programs  
Dept. of Mathematics & Computer Science  
James Madison University  
Harrisonburg, VA 22807

Abstracts should be received no later than March 31, 1987.

STUDENT PAPERS

Get your students involved. It is a valuable and desirable experience for them. You should get a firm commitment from your potential student speakers early this semester. The fact that seniors will have graduated by June 13 should not stand as a barrier to their presenting papers at the Salisbury State meeting. We will continue to recognize all participating students as well as giving special recognition to those whose work is deemed to be outstanding. Student speakers should send an abstract to Prof. Sanders at the above address so as to arrive no later than March 31.

SPEAKER FOR THE SPRING MEETING

Dr. Larry S. Husch, Professor of Mathematics and Director of the Mathematics Micro-Computing Laboratory, University of Tennessee, Knoxville, will be our speaker at the spring meeting. He has wide and varied experience in computing, in mathematics and in combining the two into a central scholarly activity. An abstract of his talk will appear in the next newsletter.



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## LUNCHEON AND LODGING

A buffet luncheon is planned for Saturday. Its cost will be \$9. In order to schedule this luncheon, we will need at least 50 reservations by May 15. Details and the preregistration form will be in the next newsletter.

Rooms on campus will be available at \$10.50 per person, double occupancy. There will be no charge for children if they bring sleeping bags and stay in the same room. For reservations call 301-543-6468.

Following is a list of nearby motels.

Temple Hill Motel	301-742-3284
Three blocks from campus	
One person, one bed	\$24
Two persons, one bed	\$34
Two persons, two beds	\$40
Extra per child	\$ 5
Thrift Travel Inn	301-742-5135
Two miles from campus	
One or two people	\$31.80
Two persons, two twin beds	\$33.92
Three persons, one double, one twin	\$36.04
Two doubles	\$38.16
Additional person	\$ 4.00
Sheraton	301-546-4400
One mile from campus	
One person	\$58
Two persons	\$73
No charge for children if two adults are in the room.	
Best Western	301-749-7155
Two miles from campus	
One person	\$44
Two persons, one bed	\$48
Two persons, two beds	\$50
Extra per child	\$ 4
Days Inn	301-749-6200
Rates not available at this time.	

## CALL FOR NOMINEES

At the spring meeting the section will elect two officers, the Treasurer and the Vice-Chairman for Membership. Anyone interested in being a candidate for one of these positions or desiring to nominate someone for one of the positions may contact any member of the Nominating Committee. The members of the Nominating Committee are Howard Penn (U. S. Naval Academy), Chairman, Mary Kay Abbey (Montgomery College), and Donald Peoples

(Mary Washington College).

The Treasurer is responsible for keeping the books, paying the bills and collecting payments and dues for meetings. The term of office is three years. Additional information about the office may be obtained from the current Treasurer, Dr. V. Ray Hancock (Emory and Henry College, Box Y, Emory, Virginia 24327).

The Vice-Chairman for Membership is responsible for producing the newsletter, which is issued four times a year. The person needs access to rapid and inexpensive duplication services as well as use of his/her institution's non-profit mailing permit. The term of the office is two years. Further information about this position may be obtained from John Micevich (Department of Mathematics, University of the District of Columbia, 4200 Connecticut Ave, NW, Washington, DC 20008).

## GOVERNOR'S REPORT

The Governors met on Saturday, 2 August, at the Sheraton Palace Hotel in San Francisco while ICM 86 was in session in Berkeley.

Executive Director Wilcox reported that membership had increased about 5000 in two years and was almost 23000. A recent headcount puts the membership at about 25000.

The new American Mathematical Monthly editor is H. S. Wilf of the University of Pennsylvania. Wilf will tend to be more applications oriented than the outgoing editor P. Halmos. Warren Page continues as editor of the lively College Mathematics Journal. The new Mathematics Magazine editor is G. L. Alexanderson of the University of Santa Clara. He took over from Doris Schattschneider.

The budget is approximately (and precariously) balanced: there will be an estimated \$100000 deficit in the general fund. Books will increase in price in 1987, although dues will remain the same.

Gail S. Young won the distinguished Service award and J. H. Wilkinson (who died in October) won the Chavernet Prize for "The Perfidious Polynomial."

My overall reaction to the meeting was one of awe. There was a voluminous amount of material to be read. The agenda was so packed that there was no time for new business from the floor. (The minutes for the 8/86 Board of Governors meeting ran to 44 pages.) President L. A. Steen described his killing schedule of commitments in a memo and has also referred to it in the FOCUS. My impression is that the Association is trying to do too many different things - we seem to be all over the map. (The agenda for the 20 January 1987 San Antonio meeting consists of 156 pages

plus a 27-page draft of a proposal.) Wouldn't we be better off concentrating our Money-Time-Energy on a few critical items such as professional development and curriculum...? Please call or drop me a note, if you have any opinions on this.

(301) 543-6470, -6471

Department of Math Sciences  
Salisbury State College  
Salisbury, MD 21801

Calendar of National MAA meetings:

5- 8 August 1987 Salt Lake City, UT  
6- 9 January 1988 Atlanta, GA  
11-14 January 1989 Phoenix, AZ  
24-27 January 1990 Louisville, KY

- Ben Fusaro

SUMMER WORKSHOPS

The MD-DC-VA section of the MAA will sponsor two workshops at Salisbury State College on the Eastern Shore of Maryland in June 1987. The workshops are intended for college mathematics teachers. The total cost is \$220 per workshop including meals and room (double occupancy). There is a deposit of \$100 per workshop, refundable until 15 May 1987.

AI, Mathematics and the Microcomputer  
8-12 June 1987

Dr. Stefan Shrier, Director of Research & Development at Grumman-CTEC, Inc, Georgia Institute of Technology will conduct the workshop which will provide a survey of Artificial Intelligence technologies and will tie them into college level mathematics. He has BS and MS degrees in Engineering Mathematics from Columbia University and a PhD in Applied Mathematics from Brown University.

Mon A perspective of AI...where's the math?  
Tue AI languages, their uses and the computer  
Wed Classical AI: trees, search and heuristic  
Thu Logic and the resolution principle  
Fri AI in the classroom

OR, Mathematics & the Microcomputer  
15-19 June 1987

Dr. J. J. Bartholdi will conduct this workshop which will focus on two important Operations Research problems - routing and scheduling. He is Associate Professor of Industrial & Systems Engineering, Georgia Institute of Technology. He has a BA and MS in Mathematics and a PhD in Systems Engineering, all from the University of Florida.

Mon A perspective of OR. Information, problem formulation, accuracy vs efficiency  
Tue Applications of space-filling curves: pen plotter, milling machine, robotic retrieval  
Wed Applications of hybrid heuristics & partitioning: multi-vehicle routing, packing problems  
Thu Assignment and scheduling problems  
Fri OR in the classroom

Those wishing additional information may contact the workshop director: Dr. B. A. Fusaro, Department of Math Sciences, Salisbury State College, Salisbury, MD 21801.

A summer workshop, conducted by Allen J. Schwenk of Western Michigan University, will be sponsored by the North Central Section of the MAA from 15-19 June 1987. It will be held at the University of Minnesota, Duluth and is entitled Graph Theory and Linear Algebra. Inquiries may be addressed to Joseph A. Gallian, Department of Mathematics and Statistics, University of Minnesota-Duluth, Duluth, Minnesota 55812.

MAA GROWTH

In September 1985 the MAA had 21660 members. It has grown as of January 1987 to 25865 members. In the same period, the MD-DC-VA section has grown from 1396 paid members to 1800 paid members. There are two larger sections in terms of membership: the Northeastern section with 1971 members and the Southeastern section with 1959 members.

VIRGINIA TECH REGIONAL MATHEMATICS CONTEST

The 8th Virginia Tech Regional Mathematics Contest was held on November 1, 1986. Two hundred students from 36 colleges and universities participated. A total of \$500 in prizes was awarded to the following winners: A. F. Falk (UNC-C Hill), P. R. Brown (VPI&SU), T. B. Koonce (NC State), R. E. Rudd (U Va), B. W. Kanaga (Johns Hopkins), J. R. Hauser (NC State). The next highest scorers were J. D. Boller (W&L), K. J. Ambati (Johns Hopkins), D. E. Rauschenberg (Towson State), D. P. Cory (UNC-C Hill), H. L. Neal (VPI&SU), R. G. Landrum (King College), R. R. Rowell (NC State). The following students received honorable mention: H. L. Buchanan (WVU), H. W. Ellingsen (VPI&SU), G. B. Guest (Johns Hopkins), L. L. Weaver, Jr (NC State), H. D. Hart (Guliford), J. D. Roberts (Vanderbilt), A. A. Blanchard (Naval Academy), G. L. Silberman (VPI&SU), F. J. Summers (VPI&SU), J. E. Meier (U Va), R. A. Conner (VPI&SU), J. Duc (U Va), B. M. Hackworth (VPI&SU), E. E. Wheeler II (VPI&SU), T. M. DeSole (NC State), A. L. Stark(Liberty U), S. D. Caudill (VPI&SU), Y. Kim (VPI&SU), A. Malitnszky (U Dist Col), T. R. Price (W&L), H. I. Rowell (VPI&SU), R. P. Singh (NC State). The winner of the graduate



teaching assistantship with waiver of graduate fees was  
A. F. Falk.

CALL FOR CAMPUS NEWS

We would like to initiate a new column for the newsletter consisting of campus news. The intention is to report new department members, faculty on leave or visiting faculty, promotions, tenure or emeritus status, new programs underway or other news of interest. Additionally announcements of positions available may be included. A form is printed elsewhere in the newsletter which may be used to communicate the information to the newsletter editor. We also welcome news from our non-academic members. The success of this column depends on you, the reader.

ESCHER EXHIBITION

There will be an exhibition "A Mathematician Views Escher", March 10 - April 11, 1987 at the Payne Gallery of Moravian College, Bethlehem, PA. More than 50 original Escher works will be included in the exhibition and there will be a catalog and poster in conjunction with the exhibition. Doris Schattschneider, Chairman of the Mathematics Department at Moravian College is co-curator of the exhibit. For further information on the exhibit or any special events to take place during the exhibit, contact Doris Schattschneider, Department of Mathematics, Moravian College, Bethlehem, PA 18018 (telephone: 215-861-1373).

EDITOR'S NOTE

Items to be considered for inclusion in the next newsletter should be received by the newsletter editor (John Milcetic, Department of Mathematics, University of the District of Columbia, Washington, DC, 20008) no later than March 31.

MICHIGAN SECTION RUMOR REPORTS

In spite of the triumphs of recent research, finite group theorists remain stubbornly simple-minded.

Word has leaked out of the laboratory at MondowPoint Chemical Company that they have developed a plexiglass-like material for windows that has phenomenal sound insulation qualities. They plan to market it as the Calm-Plex Pane.

A teenager having trouble with his senior math class is no doubt suffering from a trig identity crisis.

CAMPUS NEWS ITEMS

(Return to John Milcetic, Department of Mathematics, University of the District of Columbia, Washington, DC 20008) by March 31, 1987).

Name of institution:

New department members (include area of research):

Faculty members on leave or returning from leave (include location):

Visiting faculty (with home institution):

Promotions, tenure, emeritus status:

New programs:

Other news:

Officers of the MD-DC-VA Section

Chairman	Robert Lewand, Goucher College
Chairman-Elect	Elizabeth Teles, Montgomery College (on leave, phone: (301) 262-9586)
Vice-Chairman, Programs	William Sanders, James Madison University
Vice-Chairman, Membership	John Milcetic, University of the District of Columbia
Secretary	Beverly Phillips, Thomas Nelson Community College
Treasurer	Ray Hancock, Emory & Henry College
Governor	Ben Fusaro, Salisbury State College
Summer Course Coordinator	Ben Fusaro, Salisbury State College
Regional Exam Coordinator	Sally S. Garber, Hollins College
Nominating Committee Chairman	Howard L. Penn, U. S. Naval Academy