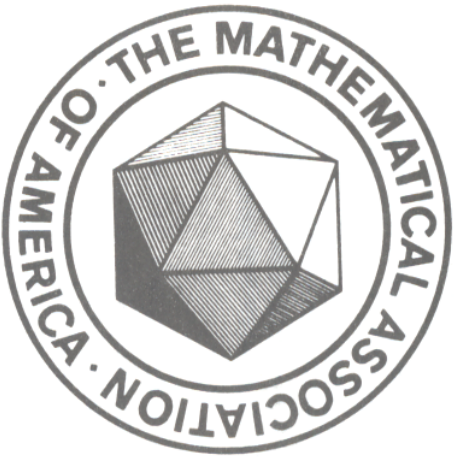


MARYLAND—DISTRICT OF COLUMBIA—  
VIRGINIA SECTION OF THE MAA  
NEWSLETTER



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

Vol. 9, No. 1

Editor: Mary Kay Abbey

Aug. 1987

NOTES FROM THE CHAIR

Should calculus be taught differently? Can it? What topics are still relevant now that the computer is so widely available? Three separate committees of the MAA are now studying the role of calculus in the undergraduate curriculum. Interesting reading for those of you who have not yet seen it is the MAA publication Towards a Lean and Lively Calculus, the proceedings and papers written for and as a result of the special conference/workshop sponsored by the MAA to develop alternate curriculum and teaching methods for calculus at the college level. This publication is available from the MAA for \$14.95.

Because of its relevance at this time, we have decided to focus on calculus and other parts of the undergraduate curriculum at the Fall meeting. Bill has arranged for two great speakers on this subject, Bernard Madison and Paul Zorn. In addition Howard Penn will give a minicourse on Friday afternoon on software use in Differential Equations. This is the same minicourse he will give in Atlanta at the national meeting. You have the unique opportunity to take it early, close to home, and at a reduced rate.

Do plan to attend this meeting November 13 and 14 at Northern Virginia Community College in Alexandria. If you or your students or colleagues have been doing interesting and unique things in any of your undergraduate classes, plan to give a talk. At the end of the sessions on Saturday we plan to have an open forum to give everyone a chance to discuss the issues raised at this meeting and in the current journals. This will give you an opportunity to state your opinions.

If any of you have ideas for a future meeting or know of speakers that you would particularly like to hear, please contact Bill Sanders or myself. This should be your organization. We encourage input from you.

Elizabeth Teles

MAA Fall Meeting

Bring the family and come to the Fall meeting at Northern Virginia Community College in Alexandria, VA. The meeting will have a great program and banquet. In addition, the location which is in close proximity to Washington DC, Alexandria, and Mount Vernon provides visitors with ample opportunity for touring, shopping, theater, and nightlife. The next newsletter will contain information about cultural activities in the area during the weekend of November 13-15.

HOTEL ACCOMMODATIONS

A block of rooms has been reserved for Friday and Saturday nights, Nov. 13 and 14, at the Ramada Inn, Seminary Road, Alexandria, VA. The room rate per night is \$58 per room. The hotel is located adjacent to Interstate 395 approximately 4 miles south of the 14th Street Bridge. This bridge provides access to the monument and museum area of Washington, DC. The hotel is one mile from the campus of Northern Virginia Community College and will be the site of the banquet Friday evening.

Reservations should be made directly with the hotel by calling Gita at (703) 751-9451 weekdays between 9 am and 5 pm. Please mention that you are a participant in the MAA meeting. The deadline for reservations is October 30.

BANQUET

The MAA Fall Meeting Banquet will be held at the Ramada Inn on Friday, Nov. 13. The cost for the banquet is \$14.50 per person and will feature a buffet consisting of two meats, a variety of vegetables and salads, dessert, and beverage.

Reservations for the banquet must be made with the treasurer, David Schedler, using the form in this newsletter. Deadline for banquet reservations is Nov. 5.

MINICOURSE — DIFF. EQ. SOFTWARE

Howard Penn and Jim Buchanan of the Naval Academy will be offering this course. They will be using MS DOS compatible machines and software. All participants in this course will work on a computer with this software that can be used to enhance your Differential Equations classes. Some of the software can be copied so participants are requested to bring three formatted disks.

The course will be Friday afternoon from 3 to 5. The cost is \$20 per participant. Register by using the form in this newsletter.

## SPEAKERS

Dr. Madison, Professor of Mathematics at the University of Arkansas, is on leave and is assigned to the National Academy of Sciences National Research Council. He is coordinating a major meeting focused on the future of the calculus. He will be our banquet speaker Friday evening.

Dr. Zorn, Professor of Mathematics at St. Olaf College, is also on leave and is visiting Purdue University. He is chairman of the Newsletter Editorial Committee of the MAA. He has been intimately involved with Maa studies of curriculum matters. In particular, he has great involvement with the direction that instruction in the calculus should or could evolve. He will be our Saturday speaker.

## CALL FOR PAPERS

Proposals for talks to be presented at the November 13-14 meeting of the MD-DC-VA Section of the MAA are solicited. The meeting will be held at Northern Virginia Community College, Alexandria, VA, on Friday, November 13 and Saturday, November 14, 1987. The general thrust of the meeting will be directed towards the future of calculus in the curriculum. However, papers on all aspects of mathematics and mathematics education are welcomed and encouraged.

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

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

Alternatively, abstracts may be submitted through BITNET. The appropriate BITNET address is: FAC\_SAND@JMUVA.X1

Abstracts must be received no later than September 14, 1987.

## STUDENT PAPERS

The section sorely missed student participation at its Spring meeting in June. Any student who encountered difficulty in meeting the June calendar should be encouraged to participate in our Fall 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 September 14, 1987.

## OFFICERS

Chairman Elizabeth Teles  
Montgomery College  
Takoma Park, MD 20912  
(301) 587-4090/ext.305

Past Chairman Robert Lew and  
Goucher College  
Towson, MD 21204  
(301) 337-6239

Vice-Chairman Bill Sanders

Programs James Madison University  
Harrisonburg, VA 22807  
(703) 568-6535  
(703) 568-6184 (Secretary)

BITNET: FAC\_SAND@JMUVA.X1

Vice-Chairman Mary Kay Abbey

Membership Montgomery College  
Takoma Park, MD 20912  
(301) 587-4090/ext. 283

Secretary Beverly Phillips  
Thomas Nelson Comm. College  
P. O. Box 9407  
Hampton, VA 23670  
(804) 825-2920

Treasurer David A. Schedler  
P. O. Box 2014  
Virginia Commonwealth Univ.  
Richmond, VA 23284  
(804) 257-1301

## PREREGISTRATION FORM

Registration for the Fall Meeting @ \$ 2.00 \$ \_\_\_\_\_

Banquet Reservation @ \$14.50 \$ \_\_\_\_\_

Minicourse Registration @ \$20.00 \$ \_\_\_\_\_

\_\_\_\_\_  
Name Address

Send reservations to : David A. Schedler  
Department of Mathematical Sciences  
P. O. Box 2014  
Virginia Commonwealth University  
Richmond, VA 23284