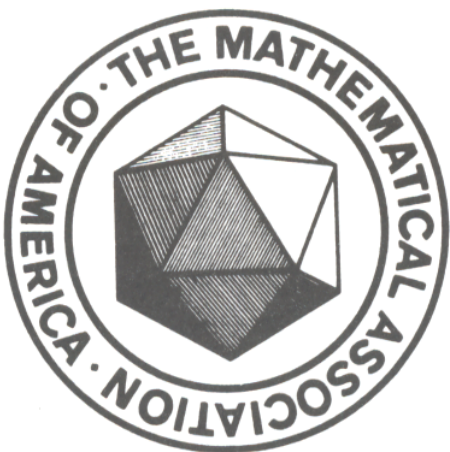


MARYLAND—DISTRICT OF COLUMBIA—
VIRGINIA SECTION OF THE MAA
NEWSLETTER



MARYLAND - DISTRICT OF COLUMBIA VIRGINIA SECTION OF THE MAA NEWSLETTER

VOL. 10, NO. 1 EDITOR: MARY KAY ABBEY August 1988

Notes from the Chair

This newsletter should reach you just as you return for the Fall semester. We hope that you will put two sets of dates on your calendar now. The Fall section meeting will be November 11 and 12 at American University in Northwest Washington, D. C. Professor I. Lok Chang has worked very hard preparing for this meeting. Details for the banquet, luncheon, and hotel accommodations can be found elsewhere in this newsletter.

Helen Christensen has done a marvelous job lining up our three main speakers. Our Friday evening speaker will be Paul Halmos. A typical comment from another section is, "If you are lucky enough to get him to agree to speak, let him speak about anything he wants." Frederic Rickey will conduct a three hour minicourse on Friday afternoon dealing with the incorporation of the history of calculus into the calculus classroom. This is a chance for us to learn ways to liven up our lectures. Arthur Benjamin, the Saturday speaker, promises to give us a lively presentation. People who have heard him talk tell us that it is truly amazing.

The other date that you should reserve is Saturday, April 22, 1989, for the Spring meeting. We will convene at Tidewater Community College in Virginia Beach. Late April should be a great time to be at the beach. For those of you at two year schools, VMATYC is planning their meeting for Friday, April 21, so that joint members can attend both. We will also have some joint sessions on Saturday. They are planning a banquet for Friday evening and any MAA member is welcome. More details on this meeting will follow in the Spring newsletter; however, now is the time to get both of these meetings on your calendar and to request funding from your school.

The MAA is now in the process of establishing student chapters at colleges and universities across the country. The purpose of these chapters is to attract students to careers in mathematics and to encourage membership in the MAA. Each member of a student chapter will automatically become a member of the MAA section to which the

institution belongs. Dues will be quite low -- \$10 per year per member plus \$5 for either the College Mathematics Journal or Mathematics Magazine and \$10 for the American Mathematics Monthly. If you are interested in forming a student chapter, information is being sent to your schools directly by the MAA. If for some reason you do not receive the information or you want more details, contact either The Mathematical Association of America, ATTN: Student Chapter Coordinator, 1529 Eighteenth Street, NW Washington, D. C., 20036 or the Chair of the MAA Committee on Student Chapters, Dr. Howard Anton, Department of Mathematics, Drexel University, Philadelphia, PA, 19104.

As a further incentive to students, any student who presents a talk at a section meeting receives a free one year membership in the MAA along with their choice of journal. Encourage your students to give a talk at one of our meetings. It looks good on their resumes, encourages their professional participation in the MAA, and is enjoyable to the rest of us. What better way can you encourage creativity and interest in mathematics? Four students from Gallaudet, Brenda Call, Roy Siskind, Joseph Hartung, and Eric Tomas, received memberships for speaking at the Spring meeting. Their talk was well planned, professionally done, and very interesting. Thank you to their advisor, T. Hoy Booker, for supporting this endeavor.

Our section sent a \$50 check to the Greater MAA Fund in memory of Dorothy Bernstein, who passed away earlier this year. Dr. Bernstein contributed so much to our section, to the MAA in general, and to mathematics. We wished to honor this great lady.

Robb Koether will handle the Membership Incentive Program (MIP) for our section. A form that you may reproduce is included in this newsletter. Remember that for each member that we recruit and send up through Robb, our section will receive \$10.

A thank you goes out to Mount Saint Mary's for hosting our Spring meeting. John August and his colleagues did a wonderful job and made us feel welcome.

Our congratulations to Michael Johnson, a mathematics student at the University of Baltimore, who was our section's high scorer on the Putnam.

I hope that all of you have a great Fall semester and that I will see you at the upcoming meetings. If you have any suggestions or comments, please feel free to give me or any of the officers a call or write a letter. The addresses and phone numbers can be found at the end of the newsletter.

Elizabeth J. Teles

Fall Meeting November 11 & 12, 1988

The American University is located in the northwest region of Washington, D.C., about 7 miles from the U. S. Capitol. The Tenleytown Metro subway station is just 1 mile from the campus. A university shuttle bus stops near the 40th Street Metro exit at Tenleytown every 15 to 20 minutes. The ride time on the subway from the hotels included in the newsletter is about 10 minutes. More details will be in the next newsletter.

Lodgings - Hotels

A block of rooms has been reserved at the Hyatt Regency at Bethesda for Friday and Saturday nights. The rate is \$69 per room per night. Call 1-301-657-1234 to make reservations. Mention that you are attending the MAA Fall meeting when you call. Space is guaranteed only until October 14 so please make your reservations as soon as possible. The hotel is located at the Bethesda Metro Center, with elevators in the hotel leading to the Bethesda Metro Subway Station.

Following is a list of other hotels that are within seven miles of the American University.

Manor Inn Bethesda	\$62.70	single
1-301-656-2100	\$71.59	double
Two blocks from Bethesda Metro Station		
American Inn of Bethesda	\$45.00	single
1-301-656-9300	\$50.00	double
Four blocks from Bethesda Metro Station		
The Bethesda Ramada Inn	\$65.00	per room
1-301-654-1000		
Four blocks from Bethesda Metro Station		

Bethesda Holiday Inn	\$76.00	per room
1-301-652-2000		
Four blocks from Bethesda Metro Station		

Chevy Chase Motor Hotel	\$49.00	single
1-301-654-1400	\$55.00	double
Seven blocks from Bethesda Metro Station		

Days Inn	\$69.00	single
1-202-244-5600	\$74.00	double
Two blocks from Van Ness Metro Station		

BANQUET AND LUNCHEON DETAILS

A reception and the MAA Fall Meeting Banquet have been planned for Friday evening at the University Faculty Club. The luncheon on Saturday will also be held there. Reservation for the banquet and/or luncheon must be made with Dr. David A. Schedler. Please use the form at the end of the newsletter. The deadline for reservations is November 3. Be sure to indicate your choice for the entree and circle the other choice you desire for lunch.

INVITED SPEAKERS

Paul Halmos is a professor of mathematics at Santa Clara University. He has just returned from a year's sabbatical and will send us more information for the next newsletter.

Arthur Benjamin received his BS in Applied Mathematics from Carnegie-Mellon University in 1983 and his MS from Johns Hopkins in 1985. He is currently pursuing his PhD in Mathematical Sciences at Johns Hopkins as an NSF Graduate Fellow, concentrating in combinatorics and operations research. In 1988, he was awarded the Nicholson Prize of the Operations Research Society of American for his research paper "Graphs, Maneuvers, and Turnpikes."

When he is not entertaining audiences of students, educators, and scientists with his rapid calculation skills, he enjoys attending the theatre, playing backgammon, and performing magic.

Frederick Rickey, a professor at Bowling Green State University, will conduct a workshop on the incorporations of the history of calculus in the calculus classroom.

CALL FOR PAPERS

Contributed papers by MAA members and/or their students will be scheduled Saturday morning before the Business Meeting and again Saturday afternoon. In particular, topics involving computer applications as well as other classroom applications of mathematics are encouraged. Such papers should be approximately 20 minutes in length, to allow for a question/answer period after the talk. In particular circumstances, a speaker may be allotted two consecutive periods if a longer presentation time is required.

Since the Spring 1989, meeting will emphasize both problem-solving approaches in mathematics and student participation in the MAA and its meetings, members are urged to begin this Fall having students plan ahead with projects that could be presented at the Spring meeting.

Abstracts of contributed papers for the November meeting, as well as specifications for any computer facilities or audio-visual needs, should be sent to:

S. Helen Christensen, RSM
Department of Mathematical Sciences
Loyola College
4501 N. Charles Street
Baltimore, MD, 21210-2699

The deadline is September 16, 1988.

MATH OLYMPIAD

A team of six American high school students placed sixth in the 29th International Mathematical Olympiad (IMO) held July 15 and 16 in Canberra, Australia, with five of the team members receiving silver medals.

The Americans had a team score of 153 out of a possible 252. Ahead of them were teams from the Soviet Union (217), China and Romania (tied for 2nd with scores of 201), West Germany (174) and Viet Nam (166). In all, 49 nations and 268 students participated in the Olympiad.

The IMO judges awarded individual first, second and third prizes to deserving team members. Five US team members received second prizes: Jordan Ellenberg of Potoamc, MD, was only one point shy of a gold with 31 out of a possible 42 points.

CENTERFOLD

Please remove the centerfold and post it on your office door or the department bulletin board. You are free to Xerox it and distribute it to your classes.



WANTED



STUDENT SPEAKERS

REWARD : One year membership in
MAA and choice of journal

REQUIRED : 20 minute presentation at
section meeting

DEADLINE : September 16, 1988

or

February 20, 1989

See your advisor for further information.

MATHEMATICS EXAMINATIONS

From our section four high schools were on the honor roll. They are South Lakes HS, Reston, VA, Thomas Jefferson HS for Science and Technology, Alexandria, VA, Midlothian HS, Midlothian, VA, and Chantilly HS, Chantilly, VA. They competed against schools from Alabama, Florida, Georgia, North Carolina, Puerto Rico, South Carolina, the Virgin Islands, and some military foreign schools.

Also Takoma Park Intermediate School was the Silver Cup winner in the American Junior High Examination. They were the only school to have two students with perfect papers and ten students with 24 out of 25 points.

FUTURE HIGH SCHOOL EXAM DATES

American Junior High School Mathematics Examination
Thursday, December 1, 1988

American High School Mathematics Examination
Tuesday, February 18, 1989

American Invitational Mathematics Examination
Tuesday, March 21, 1989

United States Mathematical Olympiad
Tuesday, April 25, 1989

CAMPUS NEWS ITEMS

(Tear out and return to Mary Kay Abbey, Montgomery College, Takoma Park, MD, 20912. Deadline for the next newsletter is September 20, 1988.)

Name of School _____

New department members (may want to include rank, specialty, where graduated, etc.) _____

Faculty members on leave (may want to include location) _____

Visiting faculty (include home institution) _____

Promotions, tenure, and emeritus status _____

New programs/New courses _____

Other news _____

MAA APPLICATION

Send to: Robb Koether
Hampton - Sydney College
PO Box 166
Hampton - Sydney, VA 23943

Name _____

Mailing Address _____

Zip _____

Employer/School _____

Position/Rank _____

Employer's City and State _____

Highest degree earned _____ Year degree earned _____

Institution awarding degree _____

Month and year of birth _____

Have you been a member of the MAA before? ____ yes ____ no

You may elect to receive any of the listed combinations of the three MAA journals. All members receive Focus, the MAA Newsletter.

Please circle the appropriate box corresponding to the selection of journals you wish to receive. Subscription prices are included with dues.

THE AMERICAN MATHEMATICAL MONTHLY (M)
MATHEMATICS MAGAZINE (G)
THE COLLEGE MATHEMATICS JOURNAL (J)

Student Membership

1 year (Jan-Dec 1989)

M	G	J	M+G	M+J	G+J	M+G+J
\$29	\$23	\$25	\$36	\$38	\$31	\$44

(Available to high school and undergrad students and to students regularly enrolled in graduate study at least half time. Enclose a letter from school or department official confirming status.)

Regular Membership

1 year (Jan-Dec 1989)

\$48	\$35	\$39	\$61	\$65	\$52	\$78
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Payment enclosed \$ _____ US Funds Only

METHOD OF PAYMENT ____ Check enclosed ____ Visa ____ MasterCard ____ Bill me

Card number _____ Expiration Date _____ (mo/yr)

Interbank Number _____ (MasterCard only - located above name)

Signature _____

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(804) 257-1301

Governor & Summer Course Director Ben Fusaro
Department of Mathematical Sciences
Salisbury State College
Salisbury, MD 21801
(301) 543-6471 Mathematics Department

REGISTRATION FORM

Registration for Fall Meeting @ \$ 2.00 \$ _____

Banquet Reservation:

Roast Prime Rib Au Jus @ \$16.50 \$ _____

Chicken Breast Champignone @ \$13.50 \$ _____

Baked Flounder Imperial @ \$12.75 \$ _____

Luncheon Reservation:

Smorgasbord Cold Plate @ \$ 5.75 \$ _____

Grilled Reuben @ \$ 5.75 \$ _____
(Choose soup or salad)

Monte Cristo @ \$ 5.75 \$ _____
(Choose soup or salad)

Minicourse Registration @ \$20.00 \$ _____

TOTAL \$ _____

Name _____

Address _____

Make checks payable to MAA and send to:

Dr. David A. Schedler
Department of Mathematical Sciences
PO Box 2014
Virginia Commonwealth University
Richmond, VA 23284