

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



Final Announcement

Section Meeting

November 15 - 16, 1991

Marquette University, Arlington, Va.

Maryland-D.C.-Virginia Section
Mathematical Association of America
Newsletter

Vol.13 No.2 CoEditors: Ray & Ruth Hancock September, 1991

Notes from the Chair

Hopefully, your Fall 1991 calendar has as its November 15-16 entry, "MAA at Marymount U., Arlington." We're delighted to have as speakers for the session Sculptor and Mathematician Helamon Ferguson for the Friday night banquet and MAA Immediate Past President Lida K. Barrett for Saturday's luncheon; Friday and Saturday afternoon workshops using Derive and Microcalc, respectively; and the MAA and several book publishers' exhibits. One added attraction on Friday evening prior to the banquet will be a 75th Anniversary Reception for our MD/DC/VA Section which came into existence in 1916. All signs point to an exciting and enlightening program and we look forward to seeing a good representation from all areas of the Section.

As mentioned in the October Newsletter (sent to departmental representatives last month, the competition for determining the first (1992) MD/DC/VA Section Award for Distinguished College or University Teaching of Mathematics is now open, and dates and other details of the selection process have been finalized. By now, all departmental chairs and/or MAA representatives of departments in the mathematical sciences should have received a letter requesting nominations, and sections must have their recipients selected by February 1, 1992. Any MAA member may make a nomination, but nominations from department chairs are especially solicited. Self-nomination is not permitted. All nomination materials should be addressed to: Professor Milton Eisner, Mount Vernon College, 2100 Foxhall Road NW, Washington, DC 21000, so as to arrive no later than January 1, 1992. [This date was moved back two months -- from November 1, 1991 -- as a result of an extended debate at the Section Officers Meeting in Orono in

August.] The Sectional recipients of the Distinguished Teaching Award will be announced and honored during the Spring Meeting at the University of Virginia, April 24-25, 1992.

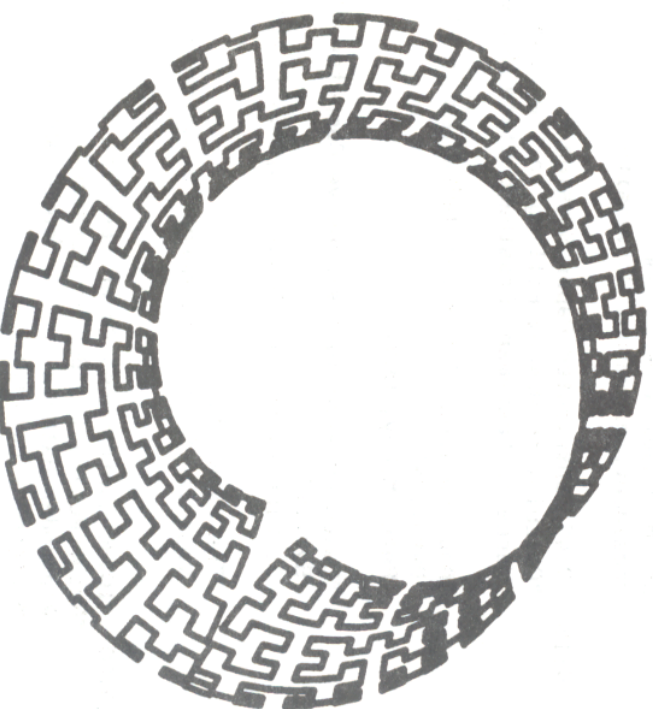
The idea of a Distinguished Teaching Award is one of wide interest across the MAA. Since several aspects of the sectional and national selection process evoked a very lively discussion in Orono, time for section input about the award and the selection process will be included on the agenda of the Business Meeting November 16. A good attendance for the discussion at that session would be very welcome.

I am sure that I speak for the entire section in thanking John Milcetic, Past Chairman; John August, Vice-Chairman for Membership; Robb Koether, Secretary for their service over several years of the recent past. We are most grateful for their contributions of time and generous efforts in fulfilling their responsibilities.

See you at Marymount in Arlington.

Helen Christensen, RSM

"Hilbert Space Curve in Umbilic Torus"
by Helamon Ferguson



PROGRAM

Friday, November 15, 1991

3:00 - 6:00 Workshop Spout Run Campus (#12)

Using DERIVE for the Concepts of Calculus
Jon Wilkin, Northern Virginia Community College
Elizabeth J. Teles, National Science Foundation
Mary Kay Abbey, Montgomery College

6:00 - 6:30 Reception Gerard Phelan Hall (#13)
Celebration of the 75th Anniversary of the Section
Sponsored by your MAA Section

6:30 Banquet Gerard Phelan Hall (#13)
Helamon Ferguson
"Mathematics through Sculpture"

Saturday, November 16, 1991

8:30 - 11:00 Registration

8:30 - 9:00 Outside Reinsch Library Auditorium (#11)
9:15 - 11:00 Gailhac Hall (#9)

8:45 Welcome Reinsch Library Auditorium (#11)
Sr. M. Majella Berg RSHM
President, Marymount University

9:15 - 9:45 Contributed Paper Session I
"Calculating Women: Filling in the Time Line"
Marcelle Besseman, Frostburg State University

"Applications of Complex Variables in Fluid
Dynamics"
Peter McCoy, USNA

"Calculus with an Inexpensive Computer Algebra
System"
J. Michael Berman, Hampden-Sydney College

"The Water Jug Problem"
Vojislav Stojkovic, Morgan State University

10:00 - 10:30 Contributed Paper Session II
"Resurrecting the Buried Methods"
Alexander Bathula and Florence Ashby,
Montgomery College

"Chain Addition Cycles"
William P. Wardlaw, USNA

"Teaching College Mathematics"
Genevieve M. Knight, Coppin State College

"Visual Thinking and the Graphing Calculator in
Precalculus"
Helmer G. Junghans and Patricia D. Rocklein,
Montgomery College

10:45 - 11:15 Contributed Paper Session III
"Restricted Connectivity in n-Cube Networks"
Andrew D. Oh, St. Mary's College of Md.

"MPP3D, Surface Plotting Software"
Howard Lewis Penn, USNA

"The Necessity for Nonstandard Analysis"
Robert A. Herrmann, USNA

11:15 - 11:45 Business Meeting

12:00 - 1:00 Lunch Gerard Phelan Hall (#13)

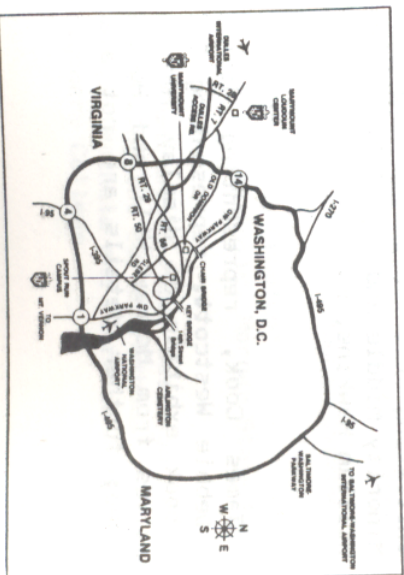
1:00 Invited Speaker Reinsch Library Auditorium (#11)
Lida K. Barrett
"Faculty Roles in the 80's"

2:30 - 4:30 Workshops
"Using Microcalc in the Classroom"
Marcelle Bessman, Frostburg State University
Spout Run Campus

"Initiating an Intervention Program for
Minority Middle and High School Students"
William Hawkins, SUMMA

James Cook, representing John Wiley & Sons,
Inc., and Debbie Westcott, representing D.C. Heath & Co.,
will have book exhibits on display for your examination.
Representatives from McGraw Hill and Houghton Mifflin are
also expected; further details are not available at press
time.

Marymount University Campus & Environs



1. ADMISSIONS
2. ADMINISTRATION BUILDING
Business Office • Computer Center
3. COLLEGE HALL
4. SCHOOL OF NURSING
5. MAIN HOUSE
6. CHAPEL
7. ROWLEY ACADEMIC CENTER
Financial Aid • Provost • Publications • Registrar •
School of Education and Human Services •
Sponsored and International Programs •
Study Abroad
8. ROWLEY HALL
9. RETON HALL
School of Business Administration
10. GATHAC HALL & ANNEX
School of Arts and Sciences
11. BUTLER STUDENT CENTER
Athletics Offices • Commuter Lounge •
Gymnasium • Pool
12. RENSCH LIBRARY & LEARNING CENTER
13. SPOUT RUN CAMPUS
Academic Computer Center
14. 13 & 14 GERARD PHELAN HALL & ANNEX
Bookstore • Campus Ministry • Campus Safety •
Counseling and Career Services • Dining Hall •
International Student Advisor • Post Office •
Residence Life • Student Activities • Student Health
Center • Vice President for Student Services
15. THE LODGE
Child Development Center
16. SECURITY GUARD HOUSE

Roads to Marymount

DIRECTIONS TO MARYMOUNT AND PARKING:

The Friday afternoon workshop will take place at Marymount's Spout Run Campus, 3131 Lee Highway. The other sessions will take place on the main campus, 2807 North Glebe Road. To get from the Spout Run Campus to the Main campus, take Lee Highway and turn right onto Glebe Road.

Those participating in the Friday afternoon computer workshop should park at the Spout Run Campus. Those coming directly to the dinner Friday or the sessions on Saturday should enter the campus off Glebe Road and will be given directions as the Guard House (#16 on the map) as to where to park. Note, the entrance on Glebe Road nearest the Guard House is not accessible from Glebe Road when coming from the Chain Bridge. You must enter at the first Marymount entrance.

There are two exits on I-66 East that are marked "Marymount University": Glebe Road and Lee Highway. To go to Spout Run use the Lee Highway exit. To go to Spout Run from I-66 West exit at Rosslyn and follow Lee Highway.

You can come to Marymount via Metro and the Marymount shuttle. On Friday the shuttle leaves every half-hour (at 15 and 45 minutes past the hour) from the Ballston Metro station (at the International House of Pancakes). The shuttle returns on the hour and half-hour. A shuttle runs between Spout Run and the Main Campus every 15 minutes at 5, 20, 35, and 50 minutes past the hour. The shuttle normally does not run on Saturday mornings but as Marymount will be providing one to the hotel a few blocks away, they will probably be able to provide such service if they know beforehand that people want to use it. MENUS:

MENUS

Friday night dinner will be Boneless Breast of Chicken and will include appetizer, salad, vegetables, dessert, coffee and tea. The cost will be \$12.00 per person.

Marymount will provide coffee, tea, and donuts Saturday morning in the Butler Student Center (#10 on map).

Saturday lunch will include cold cuts, spinach salad, fresh fruit, rolls, bread, dessert, coffee, and tea. The cost will be \$6.50 per person.

Reservations for either or both of the meals must be received by November 1, 1991.

HOTELS:

The Comfort Inn Ballston, 1211 N. Glebe Road, Arlington, Va. 22201, located about 1.5 miles from the campus, is reserving rooms for this meeting. The rates for those attending the meeting will be \$53 for a double and \$49 for a single. Reservations can be made by calling collect (703)247-3399 and asking for Michael Weiner. The hotel is located just north of Interstate 66 at Exit 23, Glebe Road. It is four blocks from the Ballston Metro station and there is a restaurant in the hotel. The college will provide shuttle service to and from the hotel. It would be helpful to know how many people are expecting to use the shuttle so that an appropriately sized shuttle can be provided.

Other hotels in the area are the Holiday Inn Arlington at Ballston and the Ramada Renaissance Hotel Ballston Metro Center.



A Career Fair in the Mathematical Sciences

The Mathematical Association of America is pleased to announce

When?

Thursday, January 9, 1992; 4-7 pm

Where?

In the Baltimore Convention Center
A special event of the Joint Mathematics Meetings.

Why?

To help our students become aware of the variety of careers open to mathematically trained people.

For more information: Write for a brochure, or watch for the Joint Meetings program in the October issue of *Focus*.

Mathematical Association of America
Baltimore Career Fair
1529 18th Street, NW
Washington, DC 20036

MINUTES OF THE APRIL 27 MEETING

The meeting was called to order at 11:08 A.M. by Section Chairman, John Milcetic. A motion was passed to approve the minutes as they appeared in the Spring newsletter.

Bob Tardiff, Treasurer, presented the following treasurer's report:

Balance on hand, November 17	\$ 7835.45
Balance on hand, April 26	6188.11
Resulting in a net loss of	\$ 1647.34

Howard Penn presented the governor's report, which had appeared in the Spring newsletter. He said that committees and procedures are being established to select recipients of the teachers' awards. Also, the question was raised as to whether the MAA should set up special interest groups (SIG's) as other organizations have done.

John Biggs announced that one of the two summer workshops had been cancelled. The other workshop, on Chaos, June 2-7, still has openings.

Ben Fusaro reported on the Mathematics Contest in Modeling 91. Two problems, the water tank problem and the Steiner tree problem, were presented to 260 teams. Nine teams from our section received recognition. He also mentioned that there were 28 foreign teams, 18 of which were Chinese.

John Biggs' motion that the section secretary send a letter of congratulations to each member of an MCM 91 team that received recognition passed.

Chairman Milcetic asked for volunteers and suggestions of people to serve on the selection committee for the MAA Distinguished Teaching Awards.

Elections were then held. Elected by acclamation were Ray and Ruth Hancock as newsletter editors and Milton Eisner as secretary.

Helen Christensen announced that the Fall 1991 meeting would be held at Marymount University in Arlington, Va., on November 15-16. Deadline for abstracts is September 8.

The meeting was adjourned at 11:28 A.M.
Respectfully submitted,

Robb T. Koether
Secretary

NEW MEMBERS JOIN NOW NEW MEMBERS JOIN NOW

OTHER MEETINGS

THE FIFTH INTERNATIONAL CONFERENCE ON FIBONACCI NUMBERS AND THEIR APPLICATIONS: University of St. Andrews, St. Andrews, Scotland; July 20-24, 1992. Abstracts are to be submitted by March 15, 1992. Manuscripts are due by May 30, 1992. Abstracts and manuscripts should be sent in duplicate following the guidelines for submission of articles found on the inside front cover of any recent issue of The Fibonacci Quarterly to:

Professor Gerald E. Bergum
The Fibonacci Quarterly
Department of Computer Science
South Dakota State University
P.O. Box 2201
Brookings, South Dakota 57007

CAMPUS NEWS ITEMS

ROANOKE COLLEGE

New Department Member: Dr. Adrienne G. Bloss -- Assistant Professor of Computer Science; PhD Yale; previously at Va. Tech.

New Program: Calculus "revision" -- HP Graphics calculator now required for all first-year students. Mathematics "lab" exercises required for all second-year students.

EMORY AND HENRY COLLEGE

New Department Members: Dr. Julia M. Clark -- Assistant Professor of Mathematics; PhD Virginia; Coding Theory. Dr. Alexandra Skidmore -- Associate Professor of Mathematics; PhD Western Reserve; previously at Rollins College; Differential Equations.

Promotions, Tenure, Emeritus Status: Dr. V. Ray Hancock -- Professor Emeritus

Send this application to: MAA Membership Department
1529 18th Street, N.W.
Washington, D.C. 20036-1385

Name _____
Mailing Address _____

Zip _____
Employer/School _____
Position (Rank) _____
Employer's City/State _____
Highest Earned Degree _____ Year Degree Earned _____
Institution Awarding Degree _____
Month/Year of Birth _____
Have you been a member of the MAA before? ☐ Yes ☐ No

Find the column for your desired combination of MAA journals in the table below. All members receive FOCUS. Select the row appropriate for your initial membership period (1 year or 1.5 years) and your status (student or regular). Circle your dues in the table. Write the amount on the form below.

Journal codes used in the columns of the dues table are: THE AMERICAN MATHEMATICAL MONTHLY = M
MATHEMATICS MAGAZINE = G THE COLLEGE MATHEMATICS JOURNAL = J

Student Membership	M	G	J	M + G	M + J	G + J	M + G + J
1 year (Jan.-Dec. 1992)	\$34.00	\$28.00	\$30.00	\$40.00	\$41.00	\$35.00	\$47.00
1.5 years (July 1991-Dec. 1992)	\$50.00	\$41.50	\$44.50	\$58.50	\$60.50	\$51.50	\$69.00
Regular Membership							
1 year (Jan.-Dec. 1992)	\$68.00	\$55.00	\$58.00	\$82.00	\$85.00	\$72.00	\$99.00
1.5 years (July 1991-Dec. 1992)	\$99.50	\$78.50	\$83.50	\$121.50	\$126.50	\$105.50	\$148.50

These are specially discounted rates for new members provided to help the MAA reach a wider audience. They are not available to those who have been members for two years. Student membership is available to high school and undergraduate students and to students regularly enrolled in graduate study at least half time. Student rates apply to unemployed persons who are seeking employment. Annual dues include subscription prices as follows: Regular Member \$27 M, \$17 J, \$14 G, \$6 Focus. Student member \$11 M, \$7 J, \$5 G, \$3 Focus. These rates are guaranteed for the indicated periods only.

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REGISTRATION FORM

Registration for Fall Meeting _____ @ \$ 2.00 _____
 75TH ANNIVERSARY RECEPTION _____ @ \$ 0.00 _____ NC
 FRIDAY NIGHT BANQUET _____ @ \$12.00 _____
 SATURDAY LUNCHEON _____ @ \$ 6.50 _____
 (Banquet and Luncheon Reservation Deadline: November 1)

WORKSHOPS
 DERIVE (Friday afternoon) _____ @ \$20.00 _____
 MICROCALC (Saturday afternoon) _____ @ \$20.00 _____
 BOTH DERIVE AND MICROCALC _____ @ \$30.00 _____
 TOTAL \$ _____

Name _____

Address _____

Names(s) and School/Company for Nametag(s): _____

Make checks payable to MAA and send to:

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 Salisbury State University
 Salisbury, Maryland 21801

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