Maryland-District of Columbia-Virginia

Section of the

Mathematical Association of America

Newsletter, Fall 1995

John G. Milcetich Memorial Student Achievement Award

As many of you know, John Milcetich, who died of leukemia in June at the age of 49, was an active member of the MD-DC-VA section, having served both as Newsletter editor and as Chair of the section in recent years. (See the obituary elsewhere in this Newsletter.) At its last meeting, the executive board of the section decided to institute an award in John's memory, the John G. Milcetich Memorial Student Achievement Award. This will be a cash award made to the student (or students) giving the best presentation at the annual spring meeting of the Section. The intention is that at every spring meeting there will be sessions for student presentations; we hope that this award will help entice students to participate in the meetings. A small committee will be appointed for each meeting by the section chair to make the award decision. Of course, the section will need funds to enable this award to be made each year. We encourage those of you who knew John (and others as well) to contribute to the fund which will support the award. Please send your checks in any amount to the treasurer, Jon Scott, at the address on the back cover of the newsletter. Make the check out to the MD-DC-VA Section and note that it is for the Milcetich fund. You may also make your contributions at the fall meeting at Georgetown University.

Also inside . . .

Campus news

Reports from section officers

Fall Meeting November 3–4 Washington D.C.

Our fall meeting at Georgetown University will have a full program featuring

• a workshop on using the TI-85 calculators for precalculus and calculus instruction

• Dr. William Dunham as our speaker at the Friday night banquet

• an internet workshop with an emphasis on the World Wide Web

• contributed paper sessions

• a workshop promoting interactive teaching of mathematics with applications

• a panel to discuss graduate school opportunities for our student participants

• Dr. Frank Morgan speaking after lunch on Saturday

• the MAA business meeting

• and more!

Details inside.

GOVERNOR'S REPORT

The Board of Governors (BOG) of the Mathematical Association of America met from 9 a.m. to 5 p.m., Saturday, August 5, during the Summer Mathfest at the University of Vermont, Burlington, August 5-9, 1995. Preceding the BOG meeting was a breakfast for newly-elected governors, including a program to acquaint them with the structure and various functions of the MAA and BOG. Participating in this orientation session were President Ken Ross, Secretary Gerald Alexanderson, Treasurer Gerald Porter, Executive Director Marcia Sward, Barbara Faires of the Finance Committee, and three returning governors, with the latter giving their perspectives on the function of each section governor.

At the BOG meeting, President Ken Ross explained the restructuring of the MAA Headquarters in DC, which had been recommended by a consulting firm during the spring, and which was needed to reflect changes in emphasis and innovation in various programs and activities of the MAA, as well as the increasing importance of electronic communication and publication. Certain routine membership services, including those involving publications, will be outsourced to a fulfillment house which will have a staff dedicated to the MAA. One significant result of this restructuring is that three managerial positions will be filled by professionals who are not necessarily mathematicians: a Director of Finance, a Director of Marketing, and a Director of Development. Executive Director Marcia Sward then explained how such restructuring will allow the Headquarters Staff to focus more on facilitating the MAA's mission and membership services, and less on routine clerical tasks. A complete explanation of the new look at the MAA is given in Ken's and Marcia's reports in the August issue of Focus.

Passed at the meeting was a change in Article VIII, Section 2, of the By-Laws, making MAA dues payable "annually" rather than specifically "on the first of January of each year," thereby eliminating any clause prorating dues for part of a year.

A spirited discussion on the report of the Task Force on Departmental Representatives resulted in a) the establishment of a Committee on MAA Departmental Representatives based on guidelines presented by the Task Force, and b) a change providing for the manner of appointment of departmental representatives to be handled by the national office in correspondence with departments at individual institutions.

Based on the report about Project Next (for young college mathematics teachers), Sections were urged to encourage Project Next Fellows to get actively involved in the Section's activities, hopefully a prelude to their taking leadership roles in sections in the future.

The Maryland-DC-Virginia Section has four Project Next Fellows during 1995-96.

Respectfully submitted,

Helen Christensen, RSM
(Proxy for Governor J. Kevin Colligan)

SECTION CHAIR'S REPORT

The summer meeting was held in restful and cool Vermont. Just to let you know it's a different atmosphere — the buildings are marked by huge signs saying beware of falling ice. The main issue at the Section Officers' meeting was one we are also addressing - Department Representatives. Soon every department chair should receive a letter from the national office asking for a nominee for the position. If a nomination is not received, it will be understood that the department chair will be the representative. It is hoped that this will encourage nominees. If any of you are interested in becoming a department representative, please contact your chair. There will be a meeting of all reps at the Georgetown meeting. If you are not a rep but are interested, check the program and join them.

Our past chair, Ben Fusaro, was there. I guess he is enjoying retirement in Florida but he is already connected at Florida State. His e-mail address is fusaro@math.fsu.edu .
Our section lost a very dear member last Spring. In the memory of John Milcetich, we are planning more student activities at the meetings. The Spring meeting will have many topics of interest to students, and we would like to have student presentations — there will be awards. Keep this in mind as you discover budding talent in your classes.

Mary Kay Abbey
Section Chair

ROSEN NAMED DIRECTOR OF NCTM

Linda Peller Rosen has been appointed executive director of the National Council of Teachers of Mathematics (NCTM), effective 1 June 1995. Rosen comes to NCTM from the Mathematical Sciences Education Board (MSEB) where she served as associate executive director and director of policy studies. During her nine-year tenure at MSEB, Rosen contributed to the intellectual devopment and writing of such publications as "Measuring What Counts: A Conceptual Guide for Mathematics Assessment," "Counting on You: Actions Supporting Mathematics Teaching Standards," "Reshaping School Mathematics: A Philosophy and Framework for Curriculum," "On the Shoulders of Giants: New Approaches to Literacy," and "Everybody Counts: A Report to the Nation on the Future of Mathematics Education."

Rosen is an adjunct professor at the **University of Maryland**. She has taught secondary mathematics at Yorktown High School in Englewood, N.J. In addition, she was an instructor in the department of mathematics at both **Montgomery College** and **Northern Virginia Community College**. Rosen holds a doctorate in mathematics from the University of Maryland and a master's degree and a bachelor's degree, both in secondary mathematics education, from **Columbia University** and **George Washington University**, respectively. She resides in Bethesda, MD with her husband and two daughters.

(from the AWM Newsletter)

NOMINATIONS FOR THE DISTINGUISHED TEACHER AWARD

Nominations of individuals for the annual Distinguished Teaching Award should be made by the 1st of January. Distinguished teachers can be nominated for this award as often as the nominator wishes. Some very good teachers were nominated last year, but the competition was fierce. If you would like to nominate your favorite teacher again, feel free to do so.

Send the names to Jim Coughlin (see the address on the back of the newsletter) by **10 November 1995.**

He will send the appropriate forms to you by email, fax, or U.S. mail, as you prefer.

NOMINATING COMMITTEES

Mary Kay Abbey will be forming nominating committees (for the Distinguished Teacher Award and for Program Chair, Treasurer, and Chair-Elect). Please send your name to her if you are interested in being on any of these committees. (Her address is on the back of the newsletter.)

TREASURER'S REPORT
18 August 1995

Balance — 9 February 1995	$4403.18		
Receipts		**Expenses**	
Interest	$ 66.03	Spring 1995 newsletters	$ 960.57
Spring 1995 registrations	3,961.00	Spring 1995 Dept Reps Breakfast	88.26
Spring 1995 share of vendors' fees	99.10	Spring 1995 VA Air & Space Center	900.00
MAA subvention payment	2,318.00	Spring 1995 Food	1,878.78
		Award for Ben Fusaro	56.86
Total Receipts	$6,444.13	1995 Putnam winner	100.00
		Supplies	79.00
		MCM speakers	300.00
		Total Expenses	$4,363.47

Balance — 18 August 1995	$6,483.84

Jon W. Scott
Treasurer

MINUTES OF THE SPRING MEETING (1995)

B.A. Fusaro called the meeting to order.
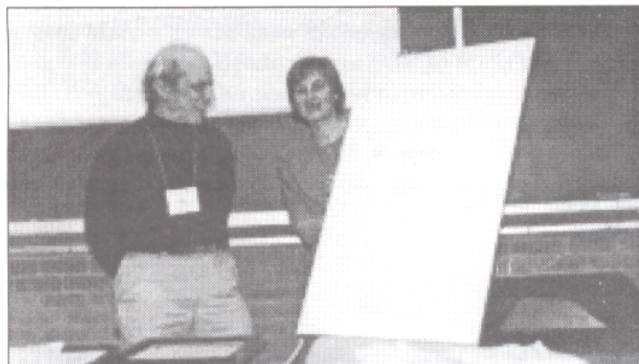
Jon Scott, the Treasurer, gave the treasurer's report and a balance of about $6000 remains in the treasury.

Jim Coughlin, the Secretary, read the minutes as reported in the newsletter. The minutes were accepted as read.

An election was conducted for Newsletter editor to succeed Betty Mayfield, who is retiring from the post after long and faithful, if unpaid, service. M.K. Abbey, the Chair-Elect distributed ballots and the election committee retired to count them.

Liz Teles gave the report on the summer meetings. In bygone days, two meetings per year were held jointly with the AMS, but the AMS has decided to withdraw from the summer meetings citing falling attendance. The MAA is questioning whether to continue these meetings for MAA members or not. Opinions on the subject were and are sought. There was a general discussion on the point.

Liz Teles, Mary Kay Abbey and Helen Christensen presented B.A. Fusaro with a plaque in recognition of his 21 years of service at all levels of the Section leadership. Whenever there was a job to be done, we could always count on Ben to pitch in and get it going. We are all a little sad to see him leave for Florida.

The Secretary presented this year's John M. Smith Distinguished Teaching Award to Professor I-Lok Chang of the American University in Washington, D.C.

The election committee reported the results of the election: Theresa Ann Francis of Mount St. Mary's College in Emmitsburg, Maryland was the winner of the race for Newsletter editor. We wish her the best in her forthcoming labors.

Jack Biggs invited us to the summer workshops in Frostburg between the 5th and 9th of June. He stressed that, in addition to work, there will be plenty of time for play.

Craig Bailey's report on the status of the Maryland High School Mathematics Competition was read by Howard Penn. In the preliminary Competition, 5000 students from over 97 schools competed. Of these, 650 scored over 100 and were, accordingly, invited to compete at the next level. The top school was Montgomery Blair which tied for first place in the country for the second straight year. Blair Kelly has persuaded NSA to pick up the tab for postage in mailing the State report to participating schools.

B.A. Fusaro reported on the Mathematical Modelling Competition. There were two problems: the A problem involved describing the intersection of a helix and a cone. Most students opted for the B problem and several of them presented their results at the meeting. All students who present papers at the meeting are awarded free membership in the MAA for a year. The winners of the modelling competition are also awarded a $50 honorarium for presenting their work at the meeting.

Those faculty members involved in the competition were asked for their comments. K. Shannon spoke and stressed the positive experience for the students.

M.K. Abbey, the Chair-Elect, announced that Georgetown University in Washington, D.C., had agreed to host the Fall meeting and that the Spring meeting is tentatively scheduled for Randolph Macon University in Ashland, Virginia. The local contacts are Andrew Vogt (Georgetown) and Eve Torrence (Randolph Macon).

B.A. Fusaro announced that David Bradley, who both resides in our section and goes to school in our section, was the winner of the section's annual award to the student in our section who had the highest score on the Putnam. He further added that the section would, in the future, send the Putnam winners a check for $100 and an additional Honorarium ($200) for those who would be willing to come to the meeting and present their work to the membership.

Beverly Phillips thanked all those who presented papers at this meeting.

The secretary was directed to convey the thanks of our Section both to Ms. Beverly Phillips for the fine work that she did in organizing the meeting and to Thomas Nelson Community College for its hospitality.

Fall 1995 Meeting: November 3–4
Georgetown University

Georgetown University will be the site of the Fall 1995 meeting of the MD-DC-VA Section of the MAA. Georgetown is the oldest Catholic institution of higher learning in the United States. It has close to 6,000 undergraduates and a comparable number of postgraduate students in its Graduate, Law, and Medical Schools. Founded in 1789, Georgetown is a Jesuit institution with a history that extends from the days when George Washington addressed the student body (his nephews were students) to the present era when President Bill Clinton, class of '68, did likewise.

Georgetown is located in Washington, D. C., overlooking the Potomac River. The area of the city near the campus is famous for its shops, restaurants, and nightlife. The campus contains a Conference Center with a bookstore, cafeterias, a restaurant, a parking garage, and a hotel.

The Washington, D. C. area has many attractions: the Library of Congress, the Capitol, the White House, the Smithsonian museums (including the National Portrait Gallery where one of Lincoln's Inaugural Balls was held), Mount Vernon, the Lincoln and Jefferson Memorials, the Washington Monument, the home of Frederick Douglass, the Holocaust Museum, and Arlington Cemetery.

The Mathematics Department at Georgetown, consisting of thirteen faculty members, is located on the second floor of the Reiss Science Building. This building is adjacent to the Conference Center, and most events at the MAA meeting will probably take place in Reiss.

Meeting Highlights

Our Friday evening banquet speaker will be **Dr. William Dunham**, the Truman Koehler Professor of Mathematics at Muhlenberg College in Allentown, Penn. Although trained in general topology, his interest has shifted over the years to the history of mathematics. He has spoken on historical topics at national and regional meetings as well as at the Smithsonian Institute. He has won numerous awards for his papers and books, including the 1991 George Pólya Award from the MAA and the American Association of Publishers' Award for the Best Mathematics Book of 1994. He will speak to us on "Newton's (Original) Method — or — Though this be Method, yet there is madness in't."

There will be a workshop, led by **Premysław Bogacki**, on how to access the Mathematical Archives site on the Internet. Since the World Wide Web is becoming the main component of the Internet, WWW will be the primary focus of this workshop.

There will be another workshop on Friday, in which **George Webb** and **Fred Hartline** will present a new approach to teaching mathematics with applications. The participants will be able to use an interactive classroom communication system.

On Saturday, a third workshop will be led by **Martha Cutter**. She will be illustrating the uses of the TI-85 graphing calculator in precalculus and calculus.

Faculty advisors: There will be representatives from some of the local universities to discuss graduate school. Please inform your students.

Our luncheon speaker will be **Dr. Frank Morgan**, Professor and Department Chair at Williams College in Massachusetts. Dr. Morgan went to MIT and Princeton, where he was introduced to minimal surfaces. He then taught for ten years at MIT, where he received the Everett Moore Baker Award for excellence in undergraduate teaching. He spent leave years at Rice, Stanford, and the Institute for Advanced Study. He served on the NSF Math Advisory Committee from 1987–90. In March he represented mathematics research at the exhibition for Congress by the Coalition for National Science Funding. He will be speaking to us on "Soap Bubble Clusters."

Also on Saturday, there will be book sales and displays, coffee and light refreshments, and contributed paper sessions. Saturday's lunch is at the discretion of the members. There are many nice restaurants within walking distance in Georgetown. The closest places to eat are nextdoor in the Leavey Center. The Leavey Center contains: The Center Cafeteria (full meals for about $5.00 to $10.00), The Pub (cold sandwiches for under $5.00), and Fast Break (fast food from $3.00 up). The Leavey Center is immediately to the north of Reiss Science Building, and is reached by leaving Reiss from the second floor. You enter Leavey by climbing some stairs and crossing an overpass. If you walk 100 feet straight into the Center the University Book Store will be at your right. Ahead will be Fast Break. To the right and part way along will be a narrow entrance to the Pub, continue and then turn left, walk down a long hallway to find the Center Cafeteria entrance to your left.

Meeting Program

WORKSHOPS

All workshops are on campus in Reiss.

3:00 - 5:00 PM, "A Guide to the Mathematical Archives Through the Internet"
Room 261A Przemyslaw Bogacki
Old Dominion University

3:30 - 5:00 PM, "A Classroom Communication System for Real-Time Assessment of Student
Room 281 Understanding and of Teaching Effectiveness with Applications in Mathematics"
George Webb and Fred Hartline
Christopher Newport University

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BEST WESTERN - KEY BRIDGE HOTEL

1850 North Fort Myer Drive
Arlington, Va.

6:15 PM Registration, Reception, and Cash Bar (third floor)
7:00 PM Dinner and Invited Speaker:

Dr. WILLIAM DUNHAM

"Newton's (Original) Method
— or —
Though This be Method, Yet There is Madness In't"

WORKSHOP DESCRIPTIONS

A Guide to the Mathematical Archives through the Internet
Premyslaw Bogacki, Old Dominion University
(Calculus Moderator, Mathematical Archives)
(Friday, 3:00 – 5:00 PM)

As the Internet continues to enjoy tremendous growth, more and more materials of value to college and K–12 math teachers become available on-line. However, just getting "connected" is no longer sufficient; one has to know where and how to look for interesting items.

During this workshop, the participants will have an opportunity to access the Mathematical Archives site. It contains a rich collection of software, as well as a collection of links to numerous sites of interest. Using these continuously updated collections, one can access materials such as software, laboratory workshops, handouts, class notes, articles, etc.

Various modes of accessing the Internet will be discussed including ftp, gopher, and the World Wide Web. Emphasis will be on the Web which is quickly becoming the dominant component of the Internet.

A Classroom Communication System for Real-Time Assessment of Student Understanding and of Teaching Effectiveness with Applications in Mathematics
George Webb and Fred Hartline
Christopher Newport University
(Friday, 3:30 – 5:00 PM)

This hands-on workshop will present an innovative approach to teaching that promotes student interaction and learning. Participants will have an opportunity to experience the "Classtalk" interactive classroom communication system.

Mathematics and Technology with the TI-85
Martha Clutter, Piedmont Virginia Community College
(Saturday, 8:50 – 10:20 AM)

Dr. Clutter will share ways of using the TI-85 graphics calculator to enhance precalculus and calculus instruction. Materials will be provided and loaners will be available for participants.

SATURDAY, NOVEMBER 4

GEORGETOWN UNIVERSITY CAMPUS: REISS

7:30 – 10:00 AM   Registration and Refreshments (first floor)
8:00 – 1:30 PM   Book Sales and Displays
8:25 – 8:45 AM   Opening Remarks: Dean of the College of Arts and Sciences, Georgetown University
     Room 103

           Announcements

CONTRIBUTED PAPERS AND TI-85 WORKSHOP

8:50 – 9:20   Session I

ROOM 262:   Angela Hare, Student, American University
              "Using Mathkit as a Cognitive Research Tool"

ROOM 281:   J. Bernard Nestor, Morgan State University
              "Pythagorean-Type Sequences"

ROOM 282:   Hans Engler, Georgetown University
              "Computing Distances in Graphs with Linear Algebra Packages"

ROOM 283:   Lyn Geisler III, Randolph-Macon College
              "Some Perturbation Techniques for Calculus"

ROOM 284:   Martha Clutter, Piedmont Community College
              WORKSHOP: Mathematics and Technology With the TI-85 (8:50 – 10:20)

9:30 – 10:00   Session II

ROOM 262:   Genevieve M. Knight, Coppin State College
              "Expectations for Mathematics Education"

ROOM 281:   Carla Schultes, Salisbury State University
              "Group Theory and Music"

ROOM 282:   Przemyslaw Bogacki, Old Dominion University
              "Visualizing Linear Algebra Concepts in an Introductory Course"

ROOM 283:   Xiao-Xiong Gan, Morgan State University
              "Development of an Approximate Antigradient"

ROOM 284:   Continuation of TI-85 Workshop

10:10 – 10:40   Session III

ROOM 262:   Christopher E. Barat, Virginia State University
              "An Overview of the MAA Institute in the History of Mathematics"

ROOM 281:   William P. Wardlaw, U.S. Naval Academy
              "Another Look at n-associative Groupoids"

ROOM 282:   Mark Stamp, National Security Agency
              "Random Walks on Graphs"

ROOM 283:   Bonita V. Saunders, National Institute of Standards and Technology
              "Mathematical Modeling and Curvilinear Coordinate Systems for Scientific Applications"

ROOM 284:   Continuation of TI-85 Workshop

10:50 – 11:20	Session IV

ROOM 262: G. Edgar Parker, James Madison University
"Math for Students Who Don't Want To Take Math"

ROOM 281: George Mackiw, Loyola College in Baltimore
"MATLAB in Abstract Algebra: Decompositions of Finite Abelian Groups"

ROOM 282: Anna Bampton, Christopher Newport University
Initial Experience Teaching Statistics "Online": the Good, the Bad, the Statistically Insignificant

ROOM 283: Carol G. Crawford, U.S. Naval Academy
"Applicatons of Graph Theory to Neural Networks for Automated Fingerprint Identification"

ROOM 284: Richard Datko, Georgetown University
"The TI-85 as a Nontrivial Instructional Tool"

11:30 – 12:00   **MAA BUSINESS MEETING,** ROOM 103

12:15 – 1:15   **LUNCH** — On your own at the Leavey Center:
The Center Cafeteria, The Pub, or Fast Break

1:30 – 2:30   **Invited Speaker,** Reiss, ROOM 103
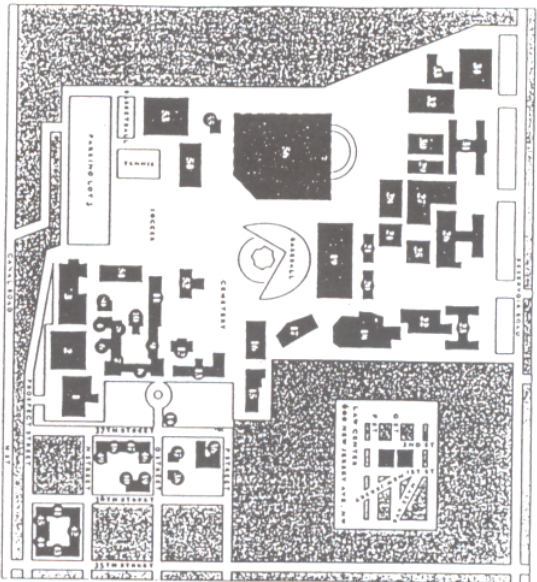
DR. FRANK MORGAN

"SOAP BUBBLE CLUSTERS"

2:40 – 3:10	Session V

ROOM 262: Alexander Bathula, Montgomery College
"Early Indian Mathematicians and their Contributions"

ROOM 281: Paul Kainen, Computer and Internet Consultant
"Trees, Neural Nets, and the Four Color Theorem"

ROOM 282: Andrew McDaniel, Georgetowm University
"Elementary Geometry/Computer Graphics"

ROOM 283: Dan Kalman, American University
"Recursive Multivariate Automatic Differentiation"

ROOM 284: James Sandefur, Georgetown University
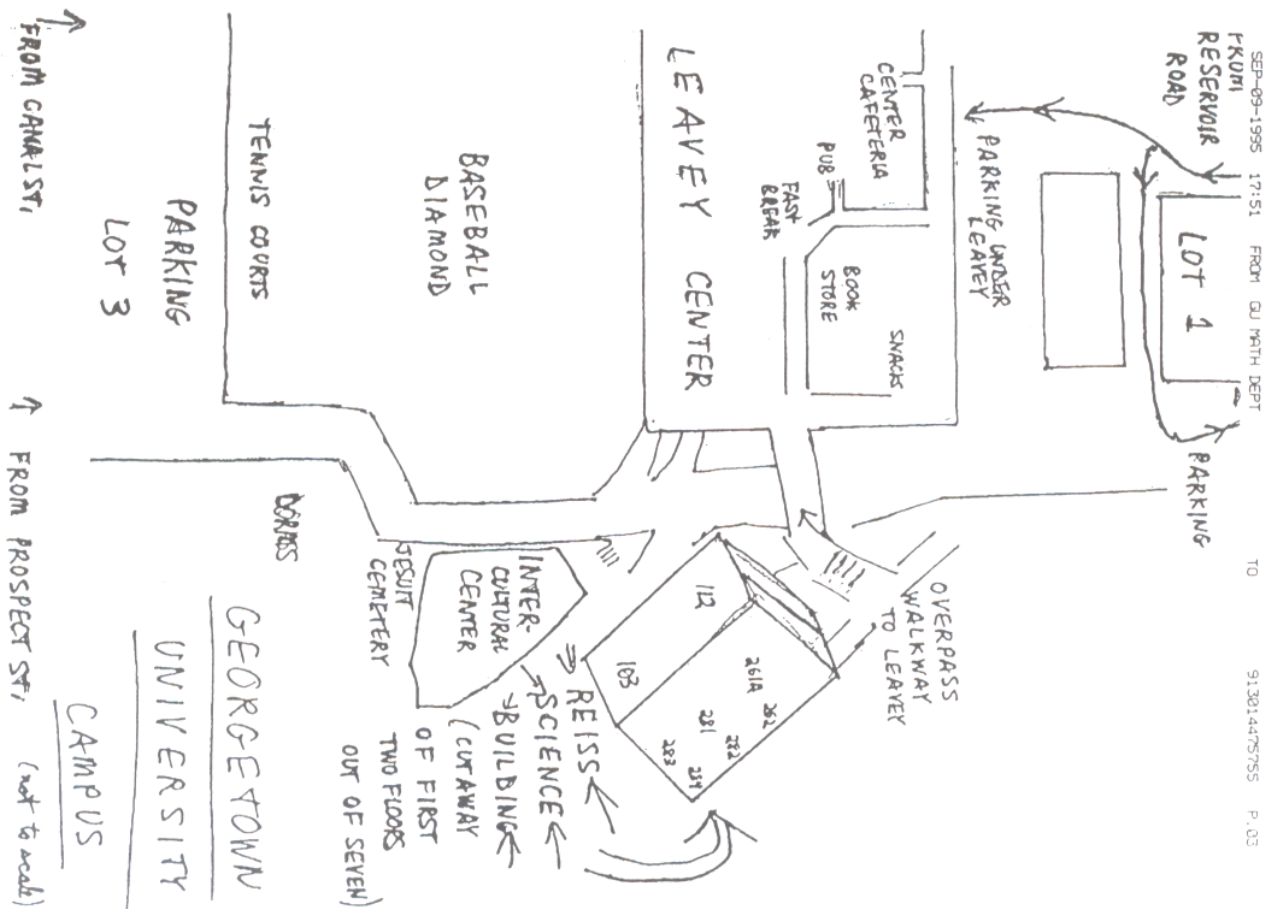"A Different Twist on Two Problems From Calculus"

3:20 – 3:50	Session VI

ROOM 262: Ahlam E. Tannouri, Morgan State University
"The Arabian Contribution to the Development of Algebra (900 A.D. – 1100 A.D.)"

ROOM 281: Keith Harbaugh, Independent Researcher
"Introductory Catagory theory in the Undergraduate Curriculum"

ROOM 282: Jon Smid, Morgan State University
"Spline Functions and Neural Networks in Research and Classroom"

ROOM 283: Peter R. Mercer, St. Mary's College of Maryland
"Sharpened Versions of the Schwarz Lemma"

ROOM 284: Thomas Sonnabend, Montgomery College
"70 Simple Ways to Reform Your Calculus Course"

1. Lauinger Library
2. Village A
3. New South
4. Gervase Hall
5. Mulledy Hall
6. Ryan Hall (Old Ryan)
7. Maguire Hall
8. Heavy Building
9. Old North
10. Dahlgren Chapel
11. New North
12. Ryan Administration Building
13. Copley Hall
14. Gatehouse
15. White-Gravenor
16. Intercultural Center (ICC)
17. Reiss Science Building
18. Henle Student Village
19. Leavey Center/
   Podium A Parking/
   Bookstore
20. Kober-Cogan Hall
21. Physicians Health Care Center
22. Darnall Hall
23. St. Mary's Hall
24. Gorman Building
25. Bles Building
26. Georgetown Hospital
27. Concentrated Care Center
28. Lombardi Cancer Center
29. Preclinical Science Building
30. Dahlgren Medical Library
31. Medical and Dental Building (Med/Dent)
32. Basic Science Building
33. Research Resource Facility
34. Building D
35. Clinical Science Building
36. Pavilion Hall
37. Black Student Alliance
38. American Language Institute
39. Alumni House
40. International Student Exchange Program
41. Walsh Building
42. Nevils Building
43. Loyola Hall
44. Arts Hall
45. International Student House
46. Groves House
47. Bieh House
48. McBride House
49. McCahill House
50. McSherry Building
51. Village C
52. Harbin Hall
53. McDonough Gymnasium
54. Power Plant
55. Observation Complex
56. Yates Field House

SEP-09-1995 17:51 FROM GU MATH DEPT TO 913214475755 P.03

FROM RESERVOIR ROAD

CENTER CAFETERIA
PUB
FAST BREAK
BOOK STORE
SNACKS

PARKING UNDER LEAVEY

LOT 1
PARKING

LEAVEY CENTER

TENNIS COURTS

BASEBALL DIAMOND

PARKING LOT 3

FROM CANAL ST.

FROM PROSPECT ST.

OVERPASS WALKWAY TO LEAVEY

DORMS

JESUIT CEMETERY

INTER-CULTURAL CENTER

REISS SCIENCE BUILDING
(CUTAWAY OF FIRST TWO FLOORS OUT OF SEVEN)

112
103
261A
281
282
261
223

GEORGETOWN UNIVERSITY CAMPUS

(not to scale)

DIRECTIONS to Georgetown, Best Western - Key Bridge, and Savoy Suites :

1. From the Virginia portion of the Washington DC Beltway (Interstate 495) take Interstate 66 toward the city, exit at Rosslyn, and follow the traffic.

To reach the Best Western - Key Bridge, turn right at Fort Myer Drive. The Hotel is half a block up on the right at 1850 N. Fort Myer Drive.

To reach Georgetown, do not turn right but proceed two more blocks and make a left turn at Lynn Street. Follow the traffic across Key Bridge into Washington DC, turning right at the very end of the bridge onto M Street. Turn left a few blocks later, then make another left onto Prospect Street, and proceed six blocks or so to Parking Lot 3.

Or, instead of turning left onto Prospect Street, proceed another six blocks or so in a northerly direction and turn left at Reservoir Road. Follow Reservoir to 38th Street (on the right) and make a left turn into the Hospital and Campus area. Proceed to the parking lot under the Leavey Center or to Lot 1.

To reach the Savoy Suites Hotel, follow M Street to Wisconsin Avenue, turn left and proceed two miles to Calvert and Wisconsin. The Savoy Suites is on the right at 2505 Wisconsin Ave. N. W.

2. From Maryland, proceed into the city along Rockville Pike/Wisconsin Avenue.

To reach the Savoy Suites proceed along Wisconsin Avenue four blocks beyond Massachusetts Avenue. Just before Calvert Street, the Savoy Suites will be on your left at 2505 Wisconsin Avenue.

To reach Georgetown, continue beyond Calvert another six blocks to Reservoir Road or another mile to Prospect Street. Turn right and follow the directions above.

To reach the Best Western - Key Bridge, proceed along Wisconsin to M Street, turn right and cross Key Bridge five blocks down, stay in the center lane and after a few blocks you will be on N. Fort Myer Drive with the Best Western on your right at 1850 N. Fort Myer Drive.
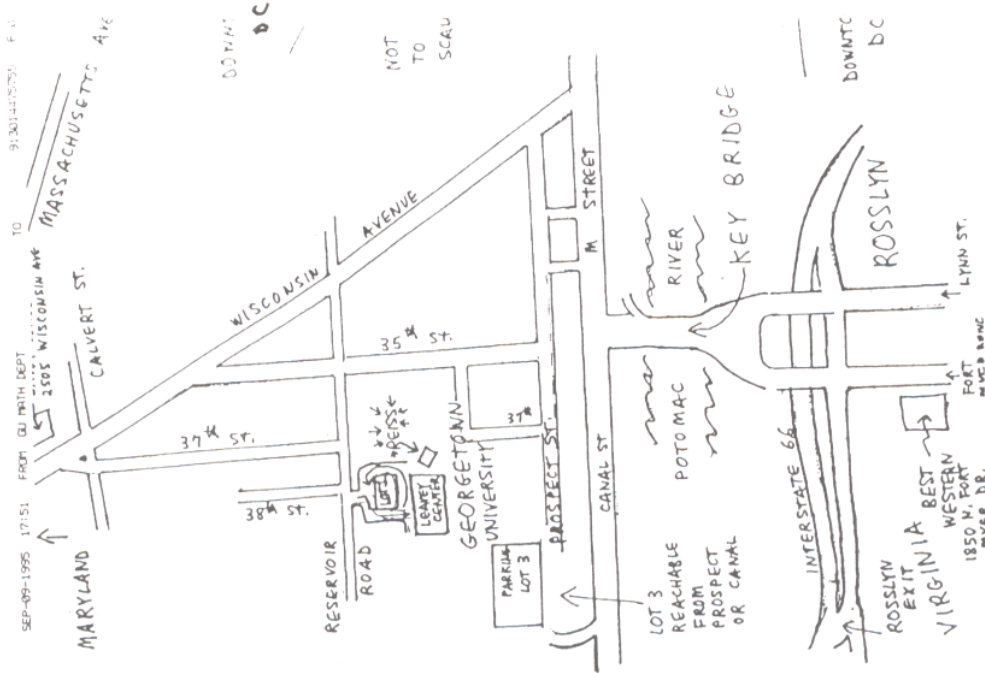
TRANSPORTATION:

The Metro subway system is a convenient way to get around town in DC — to the Capitol, the Smithsonian and elsewhere. Unfortunately it does not run to Georgetown (despite a scene in a Kevin Costner movie a few years back). From the Rosslyn Metro stop one can take a bus, or walk, across Key Bridge into Georgetown. From the Dupont Circle Metro stop a bus route goes right to the gates of the Georgetown campus, and bus lines run up and down Wisconsin Avenue.
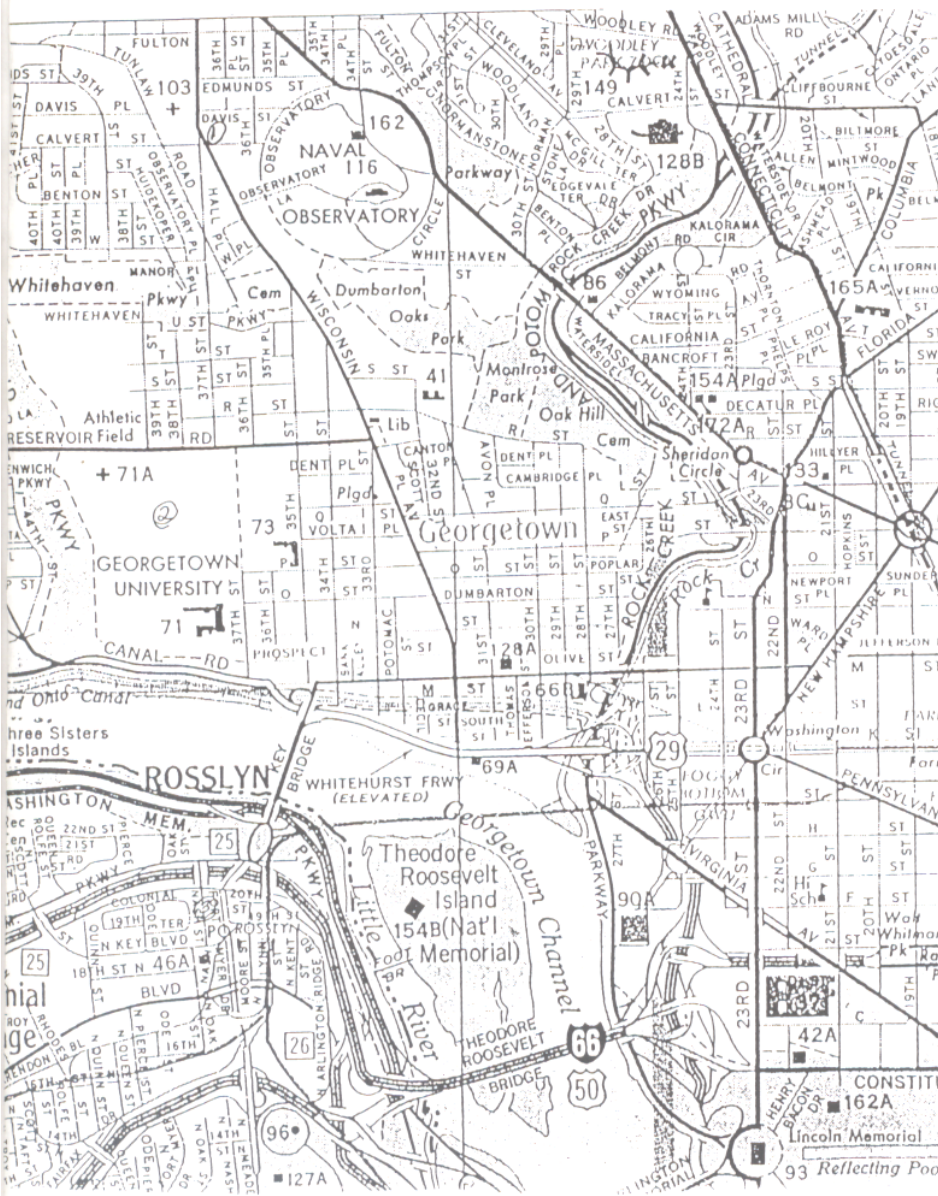
PARKING:

On Friday, parking is available at Georgetown in Parking Lot 3, or beneath the Leavey Center, or in Lot 1. The charge is $2.00 per hour or fraction thereof up to $12.00 per day. On Saturday the same holds for Lot 1 and the Leavey Center, but parking is FREE in Parking Lot 3.

At the Best Western - Key Bridge there is limited parking in front and behind the Hotel, and a ramp leads to indoor parking immediately to the right of the main entrance at 1850 N. Fort Myer Drive. This parking is complimentary: apply at the front desk for tokens and tell the clerks that you are attending the banquet.

Note the different orientations of the maps.

1. Savoy Suites

2. Reiss at Georgetown

3. Best Western - Key Bridge

HOTELS:

Two hotels have rooms reserved for our guests (at least if you contact them before October 4th). Mention the MAA meeting when calling.

Best Western - Key Bridge at 1850 N. Fort Myer Drive, Rosslyn, VA
(703) 522-0400
Single $89.00, double $99.00 plus 9.75% tax
Complimentary parking, In-room HBO, Game Room

The Friday night banquet will be here. The hotel is located across Key Bridge from the Georgetown campus and is adjacent to the Rosslyn Metro stop.

Savoy Suites at 2505 Wisconsin Avenue N. W., Washington, DC
(202)-337-9700
Single $79, double $89 plus 13% plus $1.50 occupancy tax
Complimentary parking, shuttle to the Woodley Park Metro stop.

This hotel is eight blocks from the north end of the campus. Cross Wisconsin on Calvert and take 37th Street down to Reservoir Road.

Campus News

Mr. Tony Moss of **Virginia State University** is currently engaged in graduate study at Old Dominion University. Mr. Moss previously served as MAA chapter faculty advisor. VSU has newly restructured mathematics degree programs in the following areas: Math/Math-Stat, Computer Science, Math Endorsement, Math and Comp. Sci. Endorsement, and Cooperative Engineering concentrations. Their student chapter has a new faculty adviser for 1995–96, **Dr. Christopher E. Barat**. Dr. Barat is in the process of planning a joint presentation program with the Walter Johnson Mathematics Club and the Virginia Alpha Chapter of Kappa Mu Epsilon Honorary Math Society.

Professor William O'Toole of **Mount St. Mary's College** is on a sabbatical this semester to continue work on his book on assembly language. **Dr. Fred Portier** and **Dr. John August** are in their third year of an NSF grant promoting the use of math modeling in the math and science curriculum of local high schools.

Johns Hopkins University has a new assistant professor, **Cheng Cheng**. Cheng received his Ph. D. from Texas A& M, where he worked in statistics under Parzen. He comes to Johns Hopkins after a postdoc at Upjohn. **James A. Fill** was promoted to Professor. They are trying some new courses there — a one semester calculus-based combined probability and statistics course for engineers starts this fall, and a cryptology and coding course starts next spring.

Dr. Bill Rosenberger is the newest statistics faculty member at **University of Maryland — Baltimore County** (UMBC). He is an expert in Biostatistics, especially in the area of Design of Clinical Medical Studies. He received his Ph. D. in Mathematical Statistics from George Washington University in 1992. **Professor Thomas Seidman** will be teaching a new course in Math Modeling. **Professor Donald French**, visiting UMBC from the University of Cincinnati, will be teaching Industrial Mathematics. UMBC also has some faculty members on leave: **Dr. Christoph Schwab**, who was promoted to Associate Professor; **Dr. Mark Teboulle**, who was promoted to Full Professor; and **Dr. Imma Curiel**.

Betty Mayfield and **John Boon** of **Hood College** were promoted to associate professor; Mr. Boon received tenure. Their student chapter is planning a trip to the Maryland Science Center to see the "Beyond Numbers" exhibit. **Jon Scott**, of **Montgomery College**, is on a sabbatical this year. He is a Visiting Mathematician at the MAA, Coordinator of Professional Development through Technology.

Bowie State University has a new Student Chapter, which is coming along nicely. Under the president **Peter Keke**, the group has had several activities including participating in the National Mathematics Awareness Week.

SPRING MEETING REGISTRATION FORM

Please complete and mail to **Jon Scott, Department of Mathematics, Montgomery College, Takoma Park, MD 20912** by <u>October 15th</u>.

Name(s):_____

(indicate if guest)_____

Affiliation (for nametag)_____

Address:_____

_____

_____

Phone number:_____   e-mail address_____

Are you a member of the MAA?_____

☐ First-time attendee
☐ New member of the MAA
☐ Bringing a new member to the meeting:_____

_____ Meeting registration @ $5.00 . . . . ._____

_____ Student registration @ $5.00 . . . . <u>WAIVED</u>

         (THE FEE WILL ONLY BE WAIVED FOR PRE-REGISTERING STUDENTS.)

_____ MAA Workshop registrations @ $10.00 . . . . ._____

         ☐ Internet   ☐ Classtalk   ☐ TI-85

         Space is limited for these workshops, so please register early.

Contributions to the John G. Milcetich Memorial Student Achievement Award . . . . ._____

_____ Tickets for Friday night banquet @ $18.00 . . . . ._____

         Choose one:
            ☐ Chicken
            ☐ Vegetarian
         Both dinners include salad, two vegetables, rolls & butter, dessert, and beverages.

TOTAL . . . . ._____

Please make checks payable to MAA.

1995 SUMMER WORKSHOP

Jack Biggs of **Frostburg State University**, arranged a workshop this past summer on using DERIVE to teach mathematics. There were presentations by **Dr. Marvin Brubaker** and **Dr. Carl Leinbach**. There were also several contributed talks by participants. The participants had access to news about the **NSF** through **Dana Barrett**, and had the opportunity to try ACROSPIN, a program that rotatates three dimensional displays. The workshop took place on June 5th though June 9th.

1996 SUMMER SHORT COURSE HOST SITE OPPORTUNITY

The Ohio State University Technology Summer College Short Course [T(SC)2] Program founded by Bert Waits and Frank Demana will again be co-sponsoring a variety of week-long short courses designed for college mathematics faculty at selected college sites throughout the United States during the summer of 1996. Short courses will focus on calculus reform and AMATYC Standards mathematical content. All short courses will feature instruction on the Texas Instruments graphing calculators including the TI-92. T(SC)2 instructors are all highly qualified college faculty with experience in the teaching and learning of mathematics enhanced with technology.

Short course options include:

- Mathematics in the foundation, developmental, and college preparatory levels (TI-82 and CBL)
- College algebra and data analysis (TI-82 and CBL)
- Precalculus and calculus (TI-82 and/or TI-85 and CBL)
- Calculus enhanced with computer algebra (TI-92)

Grants of up to $4000 are available from Ohio State to selected host sites. If you are interested in hosting a T(SC)2 short course at your college or university during the summer of 1996, please contact:

Ed Laughbaum
Department of Mathematics
Room 342 Math Tower
The Ohio State University
231 West 18th Avenue
Columbus, OH 43210
Phone: 614-292-7223   FAX 614-292-0694
Email: waitsb@math.ohio-state.edu (Ed Laughbaum)

Spring Meeting News

Our Spring meeting, which will be held at Randolf Macon on April 12–13, 1996, will have a student focus, with special awards for presentations. This is in addition to the awards for presenting Comap competition solutions and the Putnam award. Also, we are planning a workshop of the World Wide Web. (By then we hope to have a page for our section.)

UDC Mathematics Professor John George Milcetich Dies

John George Milcetich, 49, a professor of mathematics at the University of the District of Columbia, died of leukemia June 1 at Georgetown University Hospital.

Dr. Milcetich, who lived in Rockville, was born in Salem, Ohio. He graduated from Notre Dame University and received a master's degree in mathematics from the University of Michigan. In 1969, he moved to Washington and joined the mathematics faculty of what was then Federal City College. He received a doctorate in mathematics from the University of Maryland in 1975. He had written articles for mathematics journals, and was a member of the American Mathematics Society and the Mathematical Association of America.

Dr. Milcetich had done volunteer work for Recordings for the Blind. He was a coach, timer, and referee for youth soccer and basketball programs in Montgomery County, and he played rugby with the Sud Americano Rugby Club. He was a member of Shrine of St. Jude Catholic Church in Rockville, the Holy Name Society, and the Knights of Columbus.

Survivors include his wife, Marybeth Milcetich, and three children, Amy Marie, Kenneth John and Laura Catherine Milcetich, all of Rockville; his mother, Rena A. Milcetich of Leetonia, Ohio; two sisters, Charlotte Picallo of Clayton, Calif., and Christine Milcetich of Canton, Ohio; and three brothers, Francis Milcetich of Allentown, Pa., William Milcetich of Ravenna, Ohio, and George Milcetich of Hollywood, Md.

John V. Atanasoff, Inventor of the First Computer, Dies

John V. Atanasoff, 91, who invented the first electronic computer in 1939 and later saw others take credit for his discovery, died of a stroke 15 June at this home in Monrovia, Md.

Dr. Atanasoff, whose pioneering work ultimately was acknowledged during lengthy patent litigation in the 1970's, never made any money off his invention, which was the first computer to separate data processing from memory. It heads the family tree of today's personal computers and mainframes.

His honors included the Navy's Distinguished Civilian Service Award, five honorary doctorates, the Computer Pioneer Medal of the Institute of Electrical and Electronic Engineers, the Holley Medal of the American Society of Mechanical Engineers, and the Distinguished Achievement Citation of Iowa State University. He was a member of the Iowa Inventors Hall of Fame. Dr. Atanasoff, whose father was born in Bulgaria, also was awarded Bulgaria's highest science award. He was a member of the Bulgarian Academy of Science, the Phi Beta Kappa, Pi Mu Epsilon, and Tau Beta Pi honorary societies, and the Cosmos Club.

Survivors include his wife, Alice Crosby Atanasoff of Monrovia; three children from his first marraige, Elsie A. Whistler of Rockville, Joanne A. Gathers of Mission Viejo, Calif., and John V. Atanasoff II of Boulder, Colo.; four sisters; three brothers; 10 grandchildren; and seven great-grandchildren.

—from *The Washington Post*

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