

WORKSHOP ON LINEAR ALGEBRA ON THE PC

Professor Tom Kelley of Metro State is interested in giving a workshop on the teaching of linear algebra using the PC. There will be a slight charge which will cover the cost of the disk (which contains the programs) which you will be able to take home. Tom needs to know how many will be attending so that he can prepare the materials. The sign-up will be on the registration materials which will be sent to you at the end of March. Be thinking about it.

NOMINATING COMMITTEE

This year we need to elect a Chair-Elect, Vice-Chair For Two Year Institutions (a two-year term) and a Program Chair. The Nominating Committee is Ed Hawkins (Chair) of Mesa College, Richard Gibbs of Ft. Lewis College and Janet Nichols of the University of Southern Colorado. They would appreciate hearing from those with suggestions or interested in an office for themselves.

INTERNATIONAL CONGRESS AT BERKELEY

Because the International Congress of Mathematicians will be meeting at Berkeley in early August, there will be no Summer Joint Mathematics Meetings for the MAA and AMS this summer. However, all mathematicians are encouraged to attend this Congress; it is a rare opportunity to host this event in the United States.

National MAA gives partial support to the Section Chair to attend the Summer Meeting so as to attend the Section Officers Meeting; this will also be true this summer. The Rocky Mountain Section Executive Committee has voted to give \$200 to help support the Chair-Elect to attend the International Congress.

SUMMER SHORT COURSE ON DISCRETE MATHEMATICS

Gary Grefsrud and Ft. Lewis College are working to try offering a Summer Short Course in Discrete Mathematics in Durango in late July, 1986. Plans are tentative but moving along. If you are interested in details, contact Gary. If everything fits together, we will have more information in the next Newsletter.

MORE HISTORY OF THE ROCKY MOUNTAIN SECTION -- MOSTLY STATISTICS

As I mentioned in the last Newsletter, I am trying to write a history of the Rocky Mountain Section in honor of its Seventieth year. The Section was founded in 1917. In my readings and brousing, I have discovered quite a few oddities and statistics that you might find interesting.

The Annual Banquet has long been a tradition as it started with the very first meeting at the University of Colorado in 1917. Until 1931, the host institution presented the banquet free of charge to the membership. At that time, there were formal toasts between the President of the University and the Chair of the Section (fruit juice during Prohibition?) with flowery phrases and wishes for good health and prosperity; perhaps we have lost something there and should consider reinstating this fine old protocol.

MEETING FOR DEPARTMENT CHAIRS

There have been requests for the opportunity for Department Chairs to get together at the Annual Spring Meeting to discuss current problems and (hopefully) solutions. There will be a luncheon on Friday, April 25, for Chairs preliminary to the beginning of the Spring Meeting. If you have any topics you would recommend be discussed, send them to me at SDSM&T. Nothing formal is planned and topics can be introduced at the luncheon.

SECTION OFFICERS

The Section Officers for the 1985-86 year are:

Chair -----Stephen Bronn
University of Southern Colorado

Chair-Elect-----Freida Holley
Metropolitan State

Program Co-Chairs-----Ed Hawkins and Carl Kerns
Mesa College

Vice-Chair For Two-Year Colleges-----Marie Ritten
National College

Governor-----Gary Grefsrud
Ft. Lewis College

Secretary-Treasurer-----David Ballew
South Dakota School of
Mines and Technology

Contact any of these persons with any problems, concerns, complaints, suggestions or complements.

SCHEDULED FUTURE MEETINGS

1986 MEETING-----MESA COLLEGE

1987 MEETING-----UNIVERSITY OF SOUTHERN
COLORADO

1988 MEETING-----JOINT HOSTING BY METRO
STATE AND UNIV OF COLO
AT DENVER

1989 MEETING-----FT. LEWIS

Does your institution want to host a meeting? Contact one of the officers.

Seen on a bumper sticker --> Illiterate? Write For Free Information

In 1920 at the Colorado College Meeting, hotels were advertised at "2 dollars with a bath at the end of the hall." This included breakfast. There are several references to "modern" hotels. Will the Program Chairs please try to find these hotels for our future meetings; travel budgets are getting tight!

The first registration fee was imposed at the 1926 Meeting after considerable debate in 1925 and again in 1926. It was "25 cents" and for the first few years was voluntary; once there was a request that "If you don't pay, don't use the refreshments."

In the sixty-nine years of our Section's existence, there have been 936 papers presented. I attempted to classify these by using their titles and the abstracts (which used to be published in the Monthly) to see what our interests have been; this was quite difficult in many instances and the following accounting should be considered as only approximate.

<u>SUBJECT</u>	<u>NUMBER</u>
Education	199
Analysis	198
Algebra	194
Geometry	102
Applied Math	90
Statistics	66
Computers	36
Recreational Math	16
History	15
Topology	14
Logic	5

There were many more Applied Math papers during the wars than at any other time. Geometry was very popular in the first fifteen years, with Topology having most of its papers in the '50s and '60s. Of course there were very few papers on computers in the '20s and '30s, but it might surprise you to know there was one. Papers on Education, Analysis and Algebra have been fairly uniformly distributed over time.

Eighty-nine institutions, high schools, industries and private individuals have been involved with these papers. The top five institutions and their numbers of representatives are:

<u>INSTITUTION</u>	<u>NUMBER</u>
University of Colorado	261
University of Wyoming	95
South Dakota School of Mines	86
Colorado State University	82
Colorado School of Mines	46

The top individual presentors have been:

<u>INDIVIDUAL</u>	<u>NUMBER</u>	<u>INDIVIDUAL</u>	<u>NUMBER</u>
Aubrey J. Kempner	31	Louis C. Barrett	17
F. Max Stein	16	Charles Hutchinson	13
Duane A. Porter	13	David Ballew	12
Andrew G. Clark	12	C. H. Sisam	12