First Announcement of the Annual Spring Meeting

The Annual Spring Meeting of the Rocky Mountain Section will be hosted by Fort Lewis College, Durango, Colorado on Friday, April 21 and Saturday, April 22, 1989. The Invited Speaker for the meeting will be Prof. Alan Schoenfeld, Associate Professor of Mathematics and Education and chairman of the Graduate Group in Science and Mathematics Education at the University of California, Berkeley. Prof. Schoenfeld's primary interestes are in mathematical problem solving and in mathematics teaching in general. He is the author of <u>Mathematical Problem Solving</u>, Academic Press. He chairs the MAA Committee on the Teaching of Undergraduate Mathematics and is a member of the Committee on Computers in Mathematics Education. There is also a possibility that Robin Wilson will be visiting Colorado College in March and April and will be available for a guest lecture.

Possible topics for panel discussions at the meeting include the following:

> Accreditation of Departments of Mathematics
> Computers and Calculators in Calculus
> Mathematics Curricula for Elementary and Secondary Teachers
> Should Mathematicians Teach Statistics?
> Have You Hugged Your Physical Scientist Lately?
> Algebra-Precalculus:
> > who learns what and why?
> > who teaches what and how?

If you interested in being a member of one of the panels or wish to contribute a paper, please contact the Co-Chairs of the meeting:

> Ray Williams and Dick Walker, Co-Chairs
> Rocky Mountain Section Spring Meeting
> Department of Mathematics
> Fort Lewis College
> Durango, CO

A registration form for the meeting will be available in the next Rocky Mountain Section Newsletter, which will be mailed during the first week of March. Lists of motels, maps of Durango and the campus and scheduling information will be mailed from Fort Lewis College during the first week of April.

Student Papers

We will continue our tradition of having student papers presented at the Annual Meeting. Student talks can be on research projects, problems they have solved, reports they have written or even summer employment. Please encourage students at your institutuion to present a paper at the Annual Meeting. (A few students presenting papers will be selected to receive MAA memberships.)

Future Meetings

1989 Meeting   Fort Lewis College
1990 Meeting   University of Wyoming

News Items

Special note to chairs and representatives: The next issue of the Rocky Mountain Section Newsletter will be mailed during the first week of March. Please submit any items you wish listed in this section as soon as possible to the editor, Bill Emerson. News items received by March 1 will be included in that issue.

Short Course

Fort Lewis College in Durango, Colorado is sponsoring a two-week workshop on Data Base Management Systems to be held July 10-21, 1989. This short course, <u>DBMS for Undergraduate College teachers,</u> will be taught by Professor Gerry Litton of the University of San Francisco. Dr. Litton has extensive experience teaching graduate and undergraduate database management courses and is the author of several textbooks in the field. The objectives of this workshop are to provide participants with knowledge and materials to supplement existing undergraduate database courses and to develop new database courses at their home institutions. A basic background in computer science is expected of the participants. A more detailed announcement of the course, registration materials, and fees will be sent out with the next Rocky Mountain Section newsletter. For more information contact Dr. Jim Wixom, Mathematics/Computer Science Department, Fort Lewis College, Durango, Colorado 81301.

American High School Mathematics Examination

The American High School Mathematics Examination is a national competitive exam sponsored by several professional societies, including the MAA, AMATYC, NCTM, AMS, ASA, and others. In Colorado, only about 60 high schools participate in this

competition. It is given at each participating school in late February of each year and all students can benefit by taking such an exam. In Colorado, the regional coordinator is William Bosch at University of Northern Colorado, and in Wyoming, the regional coordinator is Eli Isaacson at University of Wyoming. They ask your help in publicizing this activity in your local high schools. For more information, please write or call Profs. Bosch or Isaacson.