



NEWSLETTER

ROCKY MOUNTAIN SECTION

Edited by:

David Ballew

South Dakota School of
Mines and Technology

REGISTRATION INFORMATION FOR THE SPRING MEETING

The Joint Meeting of the Rocky Mountain Section and the Intermountain Section of the Mathematical Association of America will be held on April 25 and 26 on the Mesa College campus in Grand Junction, Colorado. Below is a registration form which should be returned by April 20. Attached is a map of the campus and motel information. You should make your own arrangements with the motels. The Banquet is on Friday evening.

BANQUET INFORMATION

Cost of Banquet is \$10 per person

6:00 -- 7:00 Wine and Cheese at Liff Auditorium

7:00 -- 9:00 Served Banquet Dinner including:

Soup

Stuffed Breast of Chicken

Baked Potato

Green Bean Almondine

Dessert

Beverage

DEPARTMENT HEAD / CHAIR LUNCHEON

There will be a luncheon for Department Chairs and Heads at 12 noon on Friday at \$5 per person. The menu will be a Triple Decker Sandwich, Potato Salad, Chips, Rolls, Beverage and Dessert.

REGISTRATION FORM (TEAR OFF AND MAIL)

NAME _____ INSTITUTION _____

ADDRESS _____ STATE _____ ZIP _____

REGISTRATION FEE (\$5 per person) _____ BANQUET (\$10 per person) _____

DEPT CHAIRS LUNCH (\$5 per person) _____ SOFTWARE WORKSHOP (\$5) _____

TOTAL _____

Return to: Carl Kerns, Math Dept., Mesa College, Grand Junction, CO 81502

LINEAR ALGEBRA SOFTWARE WORKSHOP

by: Dr. Thomas Kelley, Metropolitan State College

This is a demonstration of some of the aspects of Matrix Algebra Calculator developed by Eugene Herman and Charles Joseph of Grinnell College. The workshop does not require knowledge of any programming language. The \$5 PREREGISTRATION FEE (and you must preregister to attend) will include a diskette of the M.A.C. the User's Guide and a set of linear algebra problems. This will be from 3 to 3:30, Friday, in room W103 of the Wubben Science Building.

SUMMER SHORT COURSE ON DISCRETE MATHEMATICS

The first Rocky Mountain Section sponsored Short Course will be held July 22-25, 1986 at Fort Lewis College, Durango, CO. The course on Discrete Mathematics will be taught by Professor Bennet Manvel or Colorado State University.

You should shortly receive a description of the course and a registration form in the mail. This promises to be an informative course in an area of interest to all of us, and it will be available at a very modest cost. Additionally, Durango is a beautiful place to vacation during the summer. Bring your family, attend the Short Course (the cost to you could be tax deductible), enjoy sunny scenic Southwest Colorado.

If you do not receive registration materials shortly, or if you want additional information, contact Gary Grefsrud, Fort Lewis College, Durango, CO 81301 or at 303-247-7336 for information.

NSF-CBMS REGIONAL CONFERENCE

There will be a **NSF-CBMS Regional Conference** in the **Mathematical Sciences** at **Fort Lewis College** in **Durango, Colorado** from **July 28** through **August 1, 1986**. The principal lecturer will be **Professor Joel Spencer** from **SUNY at Stony Brook**. His topic is: **Probabilistic Methods in Combinatorics**.

Limited travel and room-and-board support is available. For further information, contact **Professor Richard A. Gibbs**, **Mathematics Department, Fort Lewis College, Durango, CO 81301**.

(**Note:** This conference will be held the week following the MAA Short Course in Discrete Mathematics at Fort Lewis College, and the week before the International Congress in Berkeley).

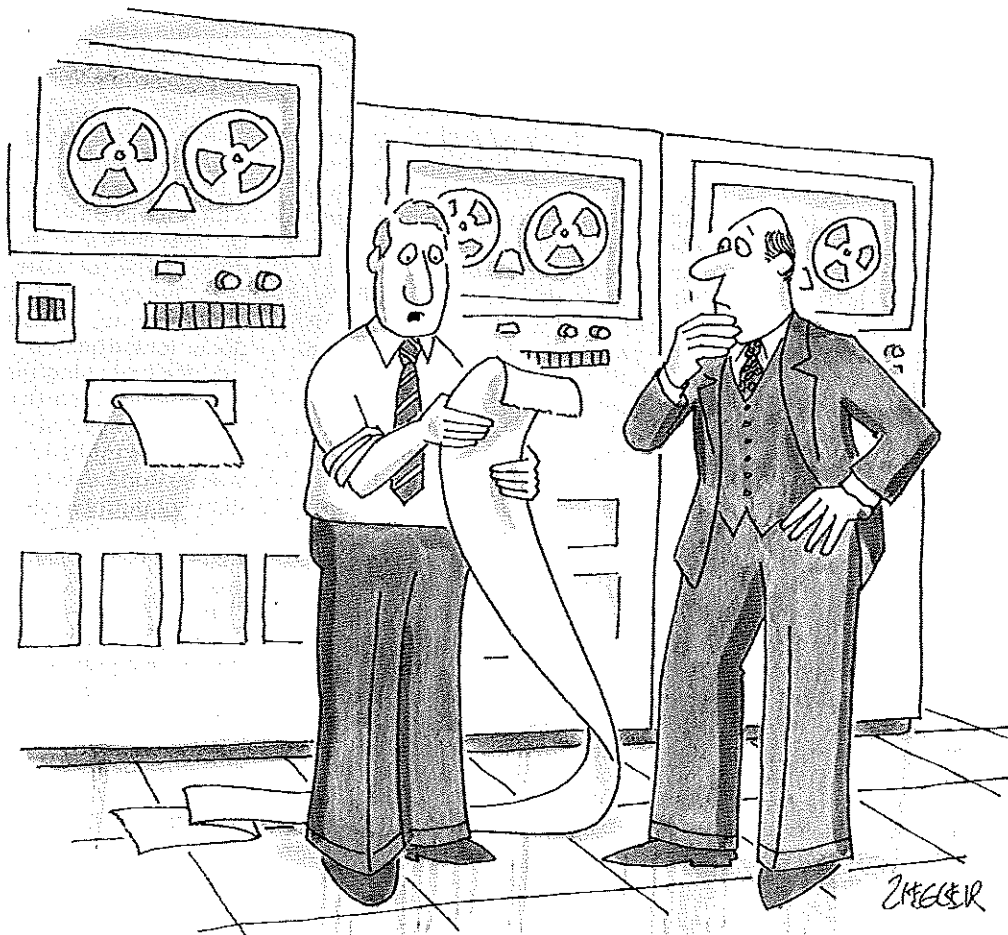
GOVERNOR'S REPORT - GARY GREFSRUD

In our November section newsletter I summarized the proposed changes in the national MAA By-Laws. These were all passed without comment at the annual MAA meeting in New Orleans. Additional items of interest from the Board of Governors meetings in Laramie and New Orleans included the following.

1. MAA membership has increased over 2000 in 1985 for a total membership of over 20,000. As of July 29, 1985, 51.1% of the members honored the new voluntary dues check off, bringing in \$16,147 supplementary income. Through June, \$23,000 had been pledged and taken in for the greater MAA fund.
2. Last year Marcia Sward was granted a two-year leave of absence, beginning Jan. 1, 1986, from her duties as Associate Director of MAA to become Executive Director of the new Mathematical Sciences Educational Board at the National Academy of Sciences. Peter Renz, Bard College, has been appointed to take Marcia's position, which includes editor of FOCUS.
3. The following awards were approved by the governors at the Laramie meeting and presented at the annual meeting in New Orleans:
 - (a) Award for Distinguished Service to Mathematics to Professor Arnold Ross of Ohio State University
 - (b) Chauvenet Prize to Professor George Miel of the University of Nevada, Las Vegas, for his article -
Of Calculations Past and Present:
The Archimedean Algorithm.
 - (c) An MAA book prize to Edward Packel for his book The Mathematics of Games and Gambling, published by MAA.
4. Five individuals were given meritorious service awards at the meeting in Laramie. The awards, presented nationally to individuals for extraordinary service to their section, were first presented in 1984. Each year five sections can nominate an individual to receive such an award. The Rocky Mountain Section will be able to nominate an individual for an award during the year 1987.

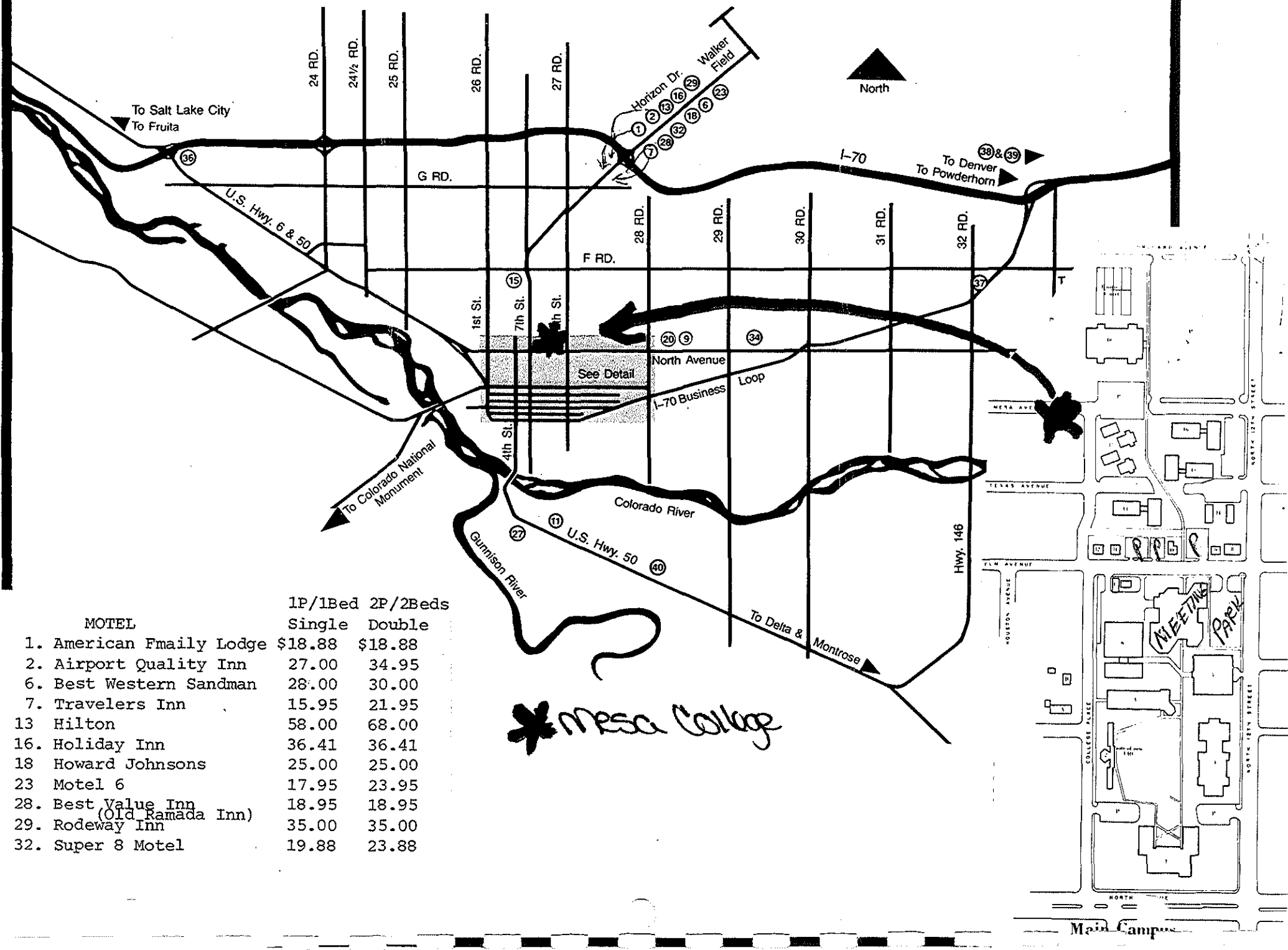
5. Prof. Herbert Wilf, University of Pennsylvania, was approved as Editor of the MONTHLY for the term 1987-1991.
6. The Committee on High School Contests has been renamed The Committee on American Mathematics Competitions since it now encompasses the national junior high mathematics examinations.
7. With the hiring of Dick Witter as MAA Development Officer, MAA has initiated a Planned Giving Program. The rationale for this program and general policy were approved by the Board of Governors at Laramie. If you know of anyone who might want to set up a planned giving program to MAA, contact Dick Witter at the National Headquarters of MAA and he will work with the individual. Also, Dick is going to establish a national volunteer Planned Giving Advisory Committee of non-MAA members by June 30, 1986 to assist with the program in several ways, one of which will be to help identify prospective donors. The committee membership should include certified public accountants, bank trust officers, investment counselors, certified life underwriters, financial planners, and attorneys expert in estate planning and charitable-giving opportunities. He would like one person to represent each section. If you know of anyone who you believe would be willing to serve in this capacity, please let me know as soon as possible.
8. The AMS, at its meeting in January, decided to continue joint summer meetings indefinitely. Of course there will be no summer meetings this summer because of the International Congress of Mathematicians meeting at Berkeley August 3-11.
9. David Ballew was approved as an Associate Editor of FOCUS. He will be primarily responsible for the new center section on MAA sections.
10. A number of proposed amendments to the by-laws were approved by the Board of Governors in New Orleans and will be voted upon at the National meeting in San Antonio in January of 1987. I would classify all as routine with the exception of one: that one being a proposal that the Second Vice President be voted upon by the full MAA membership instead of by the Board of Governors.

11. As reported by David in a section newsletter last fall, the MAA has been discussing goals for long-range planning for the past year. A number of important areas (listed in the report) were identified from a survey conducted by MAA. Each section is now being asked to discuss long-range planning for its section and submit its report to the Board of Governors thru the MAA Long-Range Planning Committee. This will be discussed at the Section Offices meeting April 26, 1986. If you have input for the section, give them to any section officer prior to or at the spring meeting.



"It says, it can't be done."

Street Guide to the Grand Junction Area



MOTEL	1P/1Bed	2P/2Beds
	Single	Double
1. American Family Lodge	\$18.88	\$18.88
2. Airport Quality Inn	27.00	34.95
6. Best Western Sandman	28.00	30.00
7. Travelers Inn	15.95	21.95
13. Hilton	58.00	68.00
16. Holiday Inn	36.41	36.41
18. Howard Johnsons	25.00	25.00
23. Motel 6	17.95	23.95
28. Best Value Inn (Old Ramada Inn)	18.95	18.95
29. Rodeway Inn	35.00	35.00
32. Super 8 Motel	19.88	23.88

Mesa College

Main Campus