14. *Alternatives to Taylor's theorem in proving analyticity*, by J. A. Eidswick, University of Nebraska-Lincoln.

15. (Invited Address) *Distributions and their uses*, by G. H. Meisters, University of Nebraska-Lincoln.

16. *What is spectral analysis*?, by C. F. Masters, Doane College.

17. *Branching, bounding, and stopping*, by G. F. Haddix, University of Nebraska-Omaha.

H. M. Cox, *Secretary-Treasurer*

APRIL MEETING OF THE ROCKY MOUNTAIN SECTION

The fifty-eighth Annual Meeting of the Rocky Mountain section of the MAA was held on the campus of Mesa College, April 11 and 12, 1975. There were 108 registrants including D. C. Benson, Governor of the Section, and J. C. Davis, Chairman of the Section. The invited address was presented by Professor Ivan Niven, University of Oregon, First Vice President of the Association. Dr. Carl Wahlberg, Acting President of Mesa College, welcomed the Section after the banquet Friday evening.

The following papers were contributed and read on the program:

1. *Contractive mappings on complete metric spaces*, By John Ausink and Douglas James, USAF Academy.

2. *Survey of approximations to pi*, by David Ballew, South Dakota School of Mines and Technology.

3. *Lower math and what you can do with it*, by R. J. Bitts, Arapahoe State College.

4. *Accessibility of the boundary of a plane region*, by C. E. Burgess, University of Utah.

5. *An upper bound on the dimension of the space of solutions A of the matrix equation*, by Bruce Collings, Brigham Young University.

6. *Introductory statistics: a module-course demanding student responsibility and student performance*, by W. P. Cooke, University of Wyoming.

7. *What are the opportunities for a B.S. degree with a math major*, by Allan David, University of Utah.

8. *Exploiting some ideas in computing to teach mathematics*, by W. S. Dorn, Denver University.

9. *Limiting distributions for immigration branching processes with decomposable mean matrix: the strictly critical case*, by J. H. Foster, Denver University.

10. *Applying the "shepherd's principle,"* by R. A. Gibbs, Fort Lewis College.

11. *A generalization of certain corresponding continued fractions*, by John Gill, Southern Colorado State College.

12. *Existence, uniqueness and continuability of solutions of second order functional differential equations*, by Gary Grefsrud, Fort Lewis College.

13. *Characterizations of strictly convex normed linear spaces*, by Stan Gudder, Denver University.

14. *Models and misfits*, by J. R. Hanna, University of Wyoming.

15. *Geometry as mathematics: an approach to undergraduate geometry*, by Z. R. Hartvigson, Colorado University at Denver.

16. *Matric analogues of number theory*, by E. E. Hasz, Metropolitan State College.

17. *Las Vegas: springboard to mathematics study — fact or fiction*?, by L. S. Johnson, Fort Lewis College.

18. *For to think metric: an operational model for teacher re-education*, by Bob Kansky, University of Wyoming.

19. *Dividing the area of a circle into two parts in the ratio s: t by certain curves*, by Hung C. Li, Southern Colorado State College.

20. *Mastery learning — consider it*, by M. D. McClenahan, University of Wyoming.

21. *On sigma-ideals of sets*, by C. G. Mendez, Metropolitan State College.

22. *Projectile targets revisited, or — can I hit it twice*?, by Roger Opp, South Dakota School of Mines and Technology.

23. *Programmed instruction*, by L. M. Orman, Southern Colorado State College.

24. *Mini-courses for mathematics education*, by A. D. Porter, University of Wyoming.

25. *The generalization of a Putnam problem*, by W. C. Ramaley, Fort Lewis College.

26. *Ulm's theorem without addition*, by Laurel Rogers, Colorado University.

27. *Watson's lemma in several variables*, by D. M. Rognlie, South Dakota School of Mines and Technology.

28. *Estimates for factorial effects in constrained randomization models*, by R. L. Schwaller, South Dakota School of Mines and Technology.

29. *Plane coloring problems*, by Leslie Shader, University of Wyoming.

30. *Mathematical analysis of computer system performance*, by Don Warner, Mesa College.

31. *A qualitative study of ordinary differential equations at the U. S. Air Force Academy*, by Major Williams, USAF Academy.

In addition to the above papers, a textbook exhibit was presented with the assistance of numerous publishers.

D. J. Sterling, *Secretary*