



May Meeting of the Rocky Mountain Section

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MAY MEETING OF THE ROCKY MOUNTAIN SECTION

The University of Wyoming, Laramie, Wyoming, hosted the fifty-third annual meeting of the Rocky Mountain Section of the MAA on May 8 and 9, 1970 and the meeting of the Junior College Cooperative Mathematics Program. There were 140 registrants, including Professor W. N. Smith, the Sectional Governor, and Professor J. R. Hanna, the Section Chairman, both of the University of Wyoming. The invited address delivered by Professor S. A. Jennings of the University of Victoria, Second Vice-President of the Association, was entitled "Some Generalizations of Absolute Value." W. D. Carlson, President of the University of Wyoming, welcomed the Section at the banquet Friday evening.

At the business meeting the By-Laws of the Section were amended to provide for:

- (1) additional members who had petitioned the Association to join the Rocky Mountain Section;
- (2) an increase in funds available for the annual meeting;
- (3) the instigation of special meetings upon petition of the Section membership;
- (4) an increase in the registration fee charged at the annual meeting.

The following officers were elected: Chairman, R. W. Irvine, Weber State College; Vice-Chairman, C. A. Swanson, Southern Colorado State College; Second Vice-Chairman, W. J. Bonini, Western Wyoming Community College; Secretary-Treasurer, D. J. Sterling, The Colorado College.

The following six papers were read at the invitation of the program committee:

1. *Computers and Computer Applied Mathematics*, by R. Hoffman, University of Denver.
2. *Providing Materials for Classroom Use*, by B. Nolsle, Mathematics Research Center, University of Wisconsin.
3. *Orthogonal Similarity in Finite Fields*, by A. D. Porter, University of Wyoming.
4. *Finite Simple Groups*, by W. Scott, University of Utah.
5. *The Mathematics Curriculum*, by D. J. Sterling, The Colorado College.
6. *Mathematical Foundations of Electromagnetic Theory*, by C. H. Wilcox, University of Denver

Nine papers were contributed and read on the program:

1. *The Structure of Invertible Ideals*, by D. W. Ballew, South Dakota School of Mines and Technology.
2. *The Matrix Equation $U_1 \cdots U_n A V_1 \cdots V_s = B$* , by A. D. Porter and R. Dalla, University of Wyoming.
3. *Arithmetic Series*, by G. S. Donovan, Metropolitan State College.
4. *A Conjecture in Consecutive Composite Numbers*, by C. A. Grimm, South Dakota School of Mines and Technology.
5. *A Conjecture Concerning the Equation $x^n = a$ in a Finite Group*, by D. W. Ballew and R. Higgins, South Dakota School of Mines and Technology.
6. *Invariantive Properties of the Class of Formal Series $\sum a_k e^{i\omega_k}$, $k=1, \dots, \infty$, $a_k > 0$, $\omega_k \not\equiv 0 \pmod{\pi}$* , by A. J. Kempner, University of Colorado.
7. *Crisis in the Classroom—Teachers Who Can't Teach*, by W. D. Popejoy, Colorado State College.
8. *Investigating Periodic Ternary Continued Fractions on the Computer*, by J. A. Raab, Metropolitan State College.
9. *An Existence Theorem for a Generalized Integral Transform*, by D. M. Rognlie, South Dakota School of Mines and Technology.

In addition to the above papers, six mathematical films were shown through the cooperation and generosity of Modern Learning Aids Inc.: *What is Area*, *Area Under a Curve*, *The Definite Integral*, *Infinite Acres*, *The Fundamental Theorem of Calculus*, *The Theorem of the Mean*.

D. J. STERLING, *Secretary-Treasurer*