1990 SPRING MEETING
Mathematical Association of America
Rocky Mountain Section

Friday, April 6

11:30 a.m. – 1:00 p.m.	**Registration**
1:00 p.m. – 1:25 p.m. (CR 302)	**Welcome/Announcements** Oliver Walter (Dean, College of Arts and Sciences, University of Wyoming)
1:25 p.m. – 2:15 p.m.	**SESSION I**
(CR 302)	**"What is Chaos All About"** Bill Manzer (Western Wyoming College)
2:20 p.m. – 2:50 p.m.	**SESSION II**
(CR 202)	**A. "Courses and Expectations in Mathematics for Prospective Elementary Teachers"** (PANEL) John Hodges (University of Colorado, Boulder) Lynne Ipiña (University of Wyoming) Charles McNerney (University of Northern Colorado) Dick Gibbs (Fort Lewis College)
(CR 210)	**B. "The Core Curriculum Program and Related Topics"** (PANEL) Corrinne Brase (Arapaho Community College) Ed Doran (Front Range Community College) Terry Jenkins (University of Wyoming)
(CR 117)	**C. "Finc Function Approximation"** Bill Emerson (Metropolitan State College)
2:55 p.m. – 3:15 p.m.	**SESSION III**
(CR 202)	**A. "In Search of the Elusive Odd Perfect Number"** John Tompkins (Student, Colorado College)
(CR 210)	**B. "Polynomial Interpolation and Extended Markov Systems"** Don Teets (South Dakota School of Mines)
(CR 117)	**C. "Perception of Similarity of Math Word Problems Among College Faculty and Students"** Gail Gliner (Metropolitan State College)
(CR 125)	**D. "Florence Nightingale – A Passionate Statistician"** Rebecca Struik (University of Colorado, Boulder)
3:20 p.m. – 3:40 p.m.	**SESSION IV**
(CR 202)	**A. "An Application of Chebychev's Inequality to the Dow Jones Index"** Charles Brase (Regis College)
(CR 210)	**B. "Relaxed Newton's Method"** Bob Cramer (Student, Metropolitan State College)
(CR 117)	**C. "How to Score the Office Tournament Pool"** Dick Gibbs (Fort Lewis College)
(CR 201)	**D. "Math Modeling for the Department of Energy"** Nikki Wilson (Student, University of Northern Colorado)
3:45 p.m. – 4:00 p.m.	**BREAK** Coffee, Tea, and Cookies (Southwest Corner Classroom Building)

4:00 p.m. – 5:00 p.m.	**SESSION V**
(CR 302)	**"The Challenge of Unsolved Problems"**
	Professor Jan Mycielski (78th Research Lecturer, University of Colorado, Boulder)
6:00 p.m.	**No Host Cocktail Party**
	New Mandarin Restaurant, 1254 North Third Street
7:00 p.m.	**Dinner**
	New Mandarin Restaurant, 1254 North Third Street
After Dinner	**"Elevator Number"**
	Bill Manzer (Western Wyoming College)

Saturday, April 7

7:00 a.m. – 7:50 a.m.	**Officers' Breakfast**
	Shari's Restaurant, 666 North Third
7:30 a.m.	**Coffee and Donuts**
	Southwest Corner of Classroom Building
8:00 a.m. – 8:30 a.m.	**Business Meeting (CR 202)**
8:30 a.m. – 8:50 a.m.	**SESSION VI**
(CR 201)	**A. Title To Be Announced**
	James Arnow (Student, University of Colorado, Boulder)
(CR 202)	**B. "Two Calculus Texts of the 1940's"**
	Burnette Meyer (University of Colorado, Boulder)
(CR 210)	**C. "Computers in Calculus"**
	Robert Mitchell (United States Air Force Academy)
8:55 a.m. – 9:15 a.m.	**SESSION VII**
(CR 201)	**A. "A Job Search in Applied Mathematics"**
	Scott Zasadil (University of Wyoming)
(CR 202)	**B. "Undergraduate Student Organizations"**
	Harold Davenport (Mesa College)
(CR 210)	**C. "Bayesian Reliability"**
	Scott Frickenstein (Student, United States Air Force Academy)
9:20 a.m. – 9:40 a.m.	**SESSION VIII**
(CR 201)	**A. "Generalizations of Periodic Binary Continued Fractions as Suggested by Michael Aissen"**
	Joe Raab (Metropolitan State College)
(CR 202)	**B. "Using Student Outcomes to Support Mathematics Departmental Budgets"**
	Frank Swehosky (United States Air Force Academy)
(CR 210)	**C. "The Winds of Change in Mathematics"**
	George Donovan (Metropolitan State College)
9:40 a.m. – 10:00 a.m.	**BREAK**
	Coffee, Tea, and Cookies (Southwest Corner of Classroom Building)

10:00 a.m. – 10:30 a.m.	**SESSION IX**
(CR 201)	**A. "Diagnostic and Prognostic Testing"** (PANEL) Gary Grefsrud (Fort Lewis College) Gil Orr (University of Southern Colorado) Oscar Baes (Colorado School of Mines) Robert Gaines (Colorado State University)
(CR 202)	**B. "Applied Mathematics"** (PANEL) Harold Davenport (Mesa College) Jack George (University of Wyoming) Lowell Smiley (Lockheed Missiles and Space) Robert Halcomb (Lockheed Missiles and Space)
(CR 210)	**C. "Calculators in Calculus: The HP-28-S"** Jim Waldo (Casper College)
10:35 a.m. – 10:55 a.m.	**SESSION X**
(CR 201)	**A. "Teaching to Love Wisdom"** Igor Szczyrba (University of Northern Colorado)
(CR 202)	**B. "The Tent Map and Its Relation to the Cantor Set"** David Keller (Student, University of Colorado, Boulder)
(CR 210)	**C. "Nice Triangles, Trigonometry, and Roots of Unity"** David Roeder (Colorado College)
11:00 a.m. – 11:50 a.m.	**SESSION XI**
(EN 1046)	**"Maxima – A Guide for the Perplexed"** Willy Herman (Colorado School of Mines)