

ROCKY MOUNTAIN SECTION OF THE M.A.A.

1989 Spring Meeting, April 21 and 22

HOST: FORT LEWIS COLLEGE

A special thank you to the following publishers:

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Their donations made it possible to have the refreshments
during the breaks and the Wine and Cheese social hour.
Please see their displays in the lounge area.

* * *FRIDAY -- APRIL 21, 1989* * *

1:00-4:00	Registration		
1:00-5:00	Book Display, 110 Noble Hall		
2:00-2:20	Welcome by Dr. William Langworthy, Vice President of Academic Affairs (130 Noble Hall)		
	SECTION A (115 NOBLE HALL)	SECTION B (140 NOBLE HALL)	SECTION C (125 NOBLE HALL)
2:30	Lou Talman - Metro "Use of Journals as a Teaching Tool in Math-Sciences"	Gordon Gilbert - Mesa "New Math for Physics Students"	Duane Porter - U.W. "Mathematics vs. Mickey Mouse -- Who's Winning?"
2:50	Philip Mayfield - AFA "A Matrix-Checksum Approach to Computer Virus Detection"	Gail Gliner - Metro "College Students' Organization of Mathematical-Word Problems"	John Fauvel - Open U. "Teaching History of Math to 3,000 Students" PART I
3:10	Karen Tonso - Metro "Women PhD Mathematicians- What Made a Difference for Them"	Leslie Shader - U.W. "Odd Neighbors and Odd Neighborhoods"	Part II
3:30		COFFEE BREAK	SECTION C (130 NOBLE HALL)
3:50	Tim Moreland - D.U. "Distribution of Wearout over Evolved Structures"	Bill Bosch - U.N.C. "American H.S. Math Exam -- A Colorado Report"	Graydon Bell - N.A.U. "Intermediate Algebra - How Many Failures before Success?"
4:10-4:50			Robin Wilson - Open U. "Early American Mathematics"
5:30-6:30	Wine & Cheese -- Changing Scenes -- Lower Student Union		
6:30	Banquet - Student Union Ballroom -- Invited Speaker: Alan Schoenfeld - "A Brief and Biased History of Problem Solv."		

* * *SATURDAY -- APRIL 22, 1989* * *

7:30-8:30	Executive Breakfast Meeting - New Student Union Lounge		
7:30-8:30	Chairs' Breakfast - New York Bakery, 750 Main Avenue		
8:45-9:30	Business Meeting - 130 Noble Hall (sec. Chair-elect Candidates: Mike Martin - D.U., Gail Gliner - Metro)		
9:30-10:15	Invited Speaker - Alan Schoenfeld - "Understanding and Teaching the Nature of Mathematical Thinking" (130 NOBLE H.)		
10:15-10:30	Break		
	SECTION A (115 NOBLE HALL)	SECTION B (140 NOBLE HALL)	SECTION C (130 NOBLE HALL)
10:30	Igor Szczyrba - U.N.C. "Reform in Mathematics Education -- What to do with Current Teachers"	Jim Loats - Metro "About the Mathematics Anxiety Seminar"	Don Bushnell - Embry-Riddle Calculus: "Liberal Arts -- Student Approach vs. Technical Approach"
10:50	Donald Elliott - U.N.C. "Properties of a Function Defined by an Infinite Tower of Exponents"	Bill Emerson - Metro "Alternative Approach to Integration by Parts"	Bob Packard - N.A.U. "Perfect k-Schuffles"
11:10	Larry Johnson - Metro "Assessment, Algebra, and the Challenge for the Future"	Tom Kelley - Metro "Math, Modeling - the Sooner the Better"	Warren MacEvoy - Mesa "Operator Algebra Applied to Linear PDE's"
11:30	Mark Howard - Metro "On Julia Sets"	<u>Panel</u> : Choosing and Using Tests for Placement and Assessment <u>Chair</u> : Jim Loats - Metro <u>Members</u> : Gil Orr (USC), Les Shader (UW), Annette Cooper (FLC), Bill Bosch (UNC), (Western State)	<u>Panel</u> : Mathematics Curricula for Elementary and Secondary Teachers <u>Chair</u> : Annette Cooper - F.L.C. <u>Members</u> : Bob Packard (N.A.U.), Duane Porter (U.W.), Igor Szczyrba (U.N.C.), Gail Gliner (Metro)
12:10			