The Maryland - District of Columbia - Virginia Section of The Mathematical Association of America

> Spring Meeting Saturday, June 13, 1987 Salisbury State College Salisbury, Maryland

## ALL TALKS AND MEETINGS WILL BE HELD IN DEVILBISS HALL

8:30 - 11:00

Registration

9:00 - 9:30 149 Devilbiss "Welcoming Remarks"

Dr. Nelson Butler, V.P. for Academic Affairs

Dr. John Molenda, Dean, School of Sciences

### SESSION BEGINNING AT 9:30 A M

110 Devilbiss

"The Sequential Database Model"

Michael Frame, Department of Mathematics, Statist and Computer Science, The American University.

246 Devilbiss

"Learning to Learn Mathematics: A One-Credit Course"

Elizabeth Shearn and Sally Wilding, University

of Maryland.

251 Devilbiss

"Statistics Without Random Variables"

E. Lee May, Jr., Department of Mathematical Scien Salisbury State College.

# SESSION BEGINNING AT 10:00 A M

"Hamming Codes: An Approach to Discovery" 110 Devilbiss

Joseph Blum, Department of Mathematics, Statistic

and Computer Science, The American University.

246 Devilbiss

"Dimension of Plane Regions: Integer and Fractional"

E. Sharon Jones, Department of Mathematics,

Towson State University.

251 Devilbiss

"Teaching About Combinations Without Permutations"

Philip E. Luft, Department of Mathematical Science

Salisbury State College.

#### SESSION BEGINNING AT 10:30 A M

110 Devilbiss "How to Use the Computer to Enhance the Teaching of Calculus"

Howard Penn, Mathematics Department,
United States Naval Academy.

"Favoring the Favorite: The UnAmerican Qualities of Tennis Scoring and Analysis of a Big Shot Strategy"
 G. Edgar Parker, Department of Mathematics and Computer Science, James Madison University.

246 Devilbiss "Edge-distinguishing Map Coloring"

Daniel Ullman, Department of Mathematics,
The George Washington University.

INVITED ADDRESS -- 11:00 A M

149 Devilbiss "How NOT to Run a Mathematics Microcomputer Lab"

Lawrence S. Husch, Professor of Mathematics and

Director of the Mathematics Microcomputer

Laboratory, University of Tennessee, Knoxville.

LUNCH BREAK -- 12:00 to 1:00 P M

MAA BUSINESS MEETING -- 1:00 TO 2:00 P M

149 Devilbiss Robert Lewand, Chairman of the Section.

# SESSION FOR LONGER PAPERS BEGINNING 2:00 P M

110 Devilbiss "Diagonalization over Commutative Rings"
William P. Wardlaw and R. Bruce Richter,
Mathematics Department, United States
Naval Academy.

144 Devilbiss "Using Computer Graphics to Teach Complex
Variables"

Lawrence Crone, Department of Mathematics, Statist
and Computer Science, The American University.

246 Devilbiss "A Survey Course on Dynamical Systems"
Paul B. Massell, Mathematics Department,
United States Naval Academy.