The Md-DC-VA Section of the MAA
Will Sponsor
Two Workshops at
SALISBURY STATE COLLEGE
on the Eastern Shore of Maryland

The 01 F68

Howard —
Advance notice...
We made Microcomputers the theme, with some slight qualms that the workshops might be too similar — Bert, Ben

13 - 17 JUNE 1983

MICROCOMPUTER GRAPHICS

DR. G. J. PORTER, of the University of Pennsylvania. He is professor of mathematics and associate dean for computing in the Faculty of Arts & Sciences. He has spoken and written widely on the applications of computing to the mathematics curriculum. Dr. Porter gave a minicourse on computer graphics at the January 1983 MAA-AMS meeting in Denver.

MON An overview of machine capability: What do we need? What can we get?
TUE Homogeneous coordinates and their use in computer graphics.
WED Two-dimensional representations of three-dimensional objects.
THR Curve fitting - An introduction to splines and b-splines.
FRI Computer graphics in the classroom.

LINEAR ALGEBRA & THE MICROCOMPUTER

20 - 24 JUNE 1983

DR. GARETH WILLIAMS, of Stetson University, Florida. He is the author of the text Computational Linear Algebra, which is in its second edition. A third edition is in preparation. He has also written several books on Finite mathematics. One of Dr. Williams' chief interests is the educational use of the microcomputer.

MON The language Basic. Matrices, systems of linear equations and applications.
TUE Markov chain models. Models involving graph theory. Linear programming.
WED The vector space R^n and general inner-product spaces. Geometry & relativity.
THR Linear mappings & coordinate transformations. Differential equations.
FRI Eigen-values & eigen-vectors. Applications in the classroom.

The total cost is $185 per workshop, *including meals and room* (double occupancy). There is a deposit of $85 per workshop, refundable until 6 May 1983.

WORKSHOP DIRECTOR: Dr. B. A. Fusaro (301) 543-6465
Dept Math Sciences, SSC, Salisbury, MD 21801

room for TEAK-OFF PARTY