

SESSION BEGINNING AT 2:00 P.M.

- C127 "Computer Assisted Instruction and Critical Thinking Developmental Model" - Some Results from the 1988 Presentation
Mansour Akbari-Zarin
Mary Washington College
- C128 "Trachtenberg System of Basic Mathematical Computations"
John B. Tant
- C129 "Negative Bases"
Michael Fripp
All-American Academic Team
Bruton High School, Williamsburg, Virginia
- C132 "NSA Initiatives in Mathematics and Mathematics Education"
J. Kevin Colligan
NSA

2:30 - 4:30 P.M. MINICOURSE II

"SOFTWARE FOR DIFFERENTIAL EQUATIONS"
Professor James Buchanan
Professor Howard Penn
UNITED STATES NAVAL ACADEMY

LYNNHAVEN E119E, COMPUTER LABORATORY C

THE NOVA FILM "THE MAN WHO LOVED NUMBERS"
WILL BE AVAILABLE FOR VCR VIEWING:

BAYSIDE B200
FRIDAY, FOLLOWING THE DINNER
SATURDAY, 8:00 - 11:00 A.M.
2:30 - 4:30 P.M.

MATHEMATICAL ASSOCIATION OF AMERICA
MARYLAND/DISTRICT OF COLUMBIA/VIRGINIA
SPRING MEETING

AT

TIDEWATER COMMUNITY COLLEGE
APRIL 21 AND 22, 1989

FRIDAY, APRIL 21:

MINICOURSE I: "SOFTWARE FOR CALCULUS"

Professor Howard Penn
Professor James Buchanan
3:00 - 5:00 P.M.
LYNNHAVEN E119E, COMPUTER LAB C
VMATYC Dinner, Guest Speaker
"MATHEMATICAL ADVENTURES"
Dr. Karl Smith
National President, AMATYC
5:45 P.M.

SATURDAY, APRIL 22:

8:00 - 11:00 REGISTRATION

8:45 - WELCOMING REMARKS

Dr. Michael La Bouve, Provost

BAYSIDE B100

SESSION BEGINNING AT 9:00 A.M.

C127 "Chaos in Newton's Method"

Jack Clark
Western Maryland University

C128 "Asymptotic Factorization of Operators, Part II: The Non-linear Case"

Andrew G. McMorran and Charlie H. Cooke
Old Dominion University

C129 "A Mathematical Model for Pollution Control: Where to build a sewage treatment plant?"

Linda Christler, student
Hood College

SESSION BEGINNING AT 9:30 A.M.

C127 "Semi-linear Transformations and Matrix Theory"

Dipa Choudhury
Loyola College

C128 "How about a Real Partial Differential Equations Course?"

James P. Coughlin
Towson State University

C129 "A Fourier Model for Human Vision"

John Schmeelk
Virginia Commonwealth University

C132 "A Mathematical Model for Traffic Control: Four-way stop sign or traffic signal?"

Josephine Bynum and James Moler, students,
Hood College

SESSION BEGINNING AT 10:00 A.M.

C127 "Women of Mathematics: Then and Now"

Florence Fasanelli
NSF - Young Scholars Project

C128 "The Product Rule for Integrals"

Daniel Richman
Towson State University

C129 "Euler's Theorem for Polynomials"

William Wardlaw
United States Naval Academy

C132 "Note on a Diffusion Model of Tissue Growth"

Sophia A. Maggelakis and John A. Adam
Old Dominion University

SESSION BEGINNING AT 10:30 A.M.

C128 "Using Mathematics to Compare the Effectiveness of Computerized Information Systems"

Archie W. Earl
Christopher Newport College

C129 "Report on NCTM Standards"

Charlotte E. Copley
Mathematics Supervisor for Hampton Public Schools

C123 "A Kinder, Gentler Airport"

Georgetown University Modeling Team
Meritorious Rating in 1989 Modeling Competition
Andrew Vogt, Faculty Adviser

11:00 -- BUSINESS MEETING: BAYSIDE B100

12:00 -- LUNCHEON: KEMPSVILLE, PRIVATE AREA

INVITED ADDRESS: "AGAINST ALL ODDS -

INSIDE STATISTICS"

PUNGO AUDITORIUM

Professor Solomon Garfunkel, Ex.Dir.COMAP