

Department of Mathematics

This was the first time that the Department of Mathematics at the University of South Florida has been able to host a conference of this size and scope. We are pleased to have had so many people from all over the country and the world here.

THE NAGLE CONFERENCE

The Nagle Conference was held at the University of South Florida from October 17-19, 1997. The conference was held in the beautiful campus of the University of South Florida. The conference was held in the beautiful campus of the University of South Florida. The conference was held in the beautiful campus of the University of South Florida.

We have a number of speakers who will be giving talks at the conference. The speakers include: [List of names]

For more information, please contact the Department of Mathematics at the University of South Florida. The contact information is: [Address and phone number]



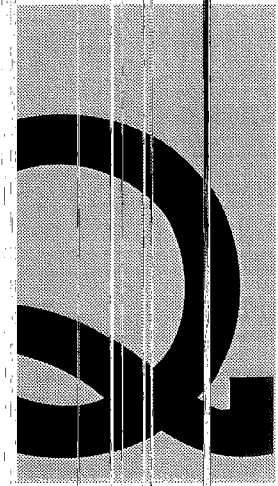
October 17, 1997
Professor [Name]
Pennsylvania State University
University Park, PA

October 17, 1997
Professor [Name]
University of Michigan
Ann Arbor, MI

November 14, 1997
Professor [Name]
University of California
Berkeley, CA

November 14, 1997
Professor [Name]
University of Texas
Austin, TX

November 14, 1997
Professor [Name]
University of Wisconsin
Madison, WI



Number 2

Attention is the Department of Mathematics at the University of South Florida. We are currently a thousand alumni, local educators, local makers, and fellow SF.

to get in touch. We want to serve the better. Send us your questions, advice, criticism. appear in future

electronically departmental e-mail address is math@usf.edu, and our website is math.usf.edu/. The faculty inclined can

Faculty Committee of Mathematics at the University of South Florida, 1699 9th Avenue, PEIY 114, 33620, 813-974-2643

Stochastic Dynamic Systems I & II, on April 11 - 12, where he gave a talk. He also spoke at the AMS-MAA Joint Mathematical meeting, January 10-13, at Orlando, where he and RICHARD DARLING organized three special sessions: Stochastic Differential Equations and Applications II and III.

MASA IIC (SMTD)

(with J. Scott Carter of the University of Southern Alabama) received a Research and Creative Scholarship Award (Research Council) and Division of Sponsored Research, USF, for "Diagrammatic Methods for Knotted Surfaces in the 4-dimensional space".

Last summer, BOB SHEKHTEL traveled 20,000 miles on the perimeter of the U.S. mixing business and pleasure. He visited the jazz clubs in New Orleans and did joint research at the University of Texas in Austin. He combed down the Grand Canyon in Arizona and collaborated with mathematicians at the University of California-Riverside. He personally witnessed Hugh Grant getting arrested in Los Angeles. He visited San Francisco, lectured in University of British Columbia in Vancouver, and did joint research at Simon Fraser University. Then he hiked through the Yellowstone Park and visited his alma mater, Kent State. After a few more similar stops in New York City, Washington, D.C., and the University of South Carolina, he finally came home. Life is good. Especially life in Mathematics. It is like having a personal embassy in every city of the world.

Professor FREDERIC ZERLING of Mathematics gave a talk at the closed session for the participants of the Institute on the Teaching of the History of Mathematics at the Joint National Meeting in Orlando on January 1, 1996.

STUDENT NEWS

Since the last issue, the following degrees have been awarded:

- B.A. Mathematics:
 - Anthony Alto
 - Jeffrey Baker
 - Jennifer Blount
 - Jeffrey Brzoska
 - John Cates
 - Luigi Kramer
 - Sanjay Kurian
 - Emmanuel Marquis
 - Olivier Martin
 - Sharon Ullman

B.A. in Mathematics: Rebecca Wooten

M.A. Mathematics:

- Daniel Felsovsky
- Marian Makris

CENTER FOR MATHEMATICAL SERVICES

For the seventeenth consecutive year, the CMS organized summer programs for gifted students on the Tampa campus. A total of 177 gifted students from Hillsborough and surrounding counties attended these programs for six weeks during the summer of 1995. Support for the programs came from the Florida Department of Education, the Institute of Molecular Science, and

deep mathematics, onal and brief n politics, sports, rtainment figures, gossip. There have onal seizures of nd sometimes the in more respectable vegetables) places, ever comes of it.

ing of fun and

PROBLEM SECTION

is episode, sor Stark gave a ou are given six 6 coins), five of tical in weight, but different weight is counterfeit. A balance) with a at is available for ad a way to locate it coin with only rmined weighings."

is a solution: have coins I, II, III, e of common weight f a different weight coins I, II, III, IV you get weight $3w$ w, depending on ot the odd coin is st four. Next weigh V, VI, again getting $4w$. If the first e $3w + W$ but the $4w$, then the odd II; if vice-versa, coin is V or VI; if were $3w + W$, then was III or IV (note the odd coin is you can't have both wo weighings giving igh I, III, and V: if $2w + W$, then the

odd coin is among I, III, or V; if the weight is w , then the odd coin is among II, IV, and VI. This third weighing will determine which coin is counterfeit.

Now, for another problem, to be answered in the Fall 1996 issue. A special card deck consists of

$2^0=1$ card with 1 on one face and 2 on the other,

$2^1=2$ cards with 2 on one face and 3 on the other,

$2^2=4$ cards with 3 on one face and 4 on the other,

$2^3=8$ cards with 4 on one face and 5 on the other,

2^{k-1} cards with k on one face and $k+1$ on the other,

etc.

A randomly-selected card is placed so that each face is visible to exactly one of two gamblers. Given only the number seen, they bet on the value of the number seen by their opponent. If there is a unique winner he/she takes all.

If a player sees, say, 5, then as there are 3 cards of type 4:5, and 6 of type 5:6, the player has a $2/3$ chance of being right if (s)he bets that 6 is on the other side. O does she?

ERRATA AND OMISSIONS FROM THE FALL '96 ISSUE

Professor Mark Stewart did not welcome participants of the MAA meeting to Tampa. He was the keynote speaker. The welcoming was done by Associate Professor Jean Linder. We thank her for her support.

The Obituary for Professor Kent Nagle was written by Professor Ken Pothoven.

Professor
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 (Irvine), I. V. Skryuk (Memb
 of the Ukrainian Academy
 Sciences, Kiev), P. Scholevsk
 (Israel), N.N. Ural'va and O.
 Ladyzhenskaya (Russia).

FUN & GAMES

On September 20, 1995,
 the department sponsored
 retirement dinner at
 Marshall's Center for Non
 Professor Al Goodman, Mar
 faculty and staff membe
 attended. Professor Ed Hall ga
 a poignant speech, relating ma
 amusing precedents. Al
 Professor Goodman himself ga
 a speech. The piece concluded
 with a toast expressing than
 and good wishes to Dr. Goodma

On December 21, the
 department sponsored a picnic
 at Riverside Park for its
 graduate students. Many of t
 students, staff and facul
 brought their spouses, kids a
 even puppy dogs. That we
 could meet everyone else's
 family. There was so much fo
 no one went away hungry, a
 most of us could get for t
 rest of the year. I
 Kartsatos, champagne was
 special treat.

In addition,

Allegedly, mathema
 cians turn coffee into theorem
 So, where does beer fit in?
 During the past decade, a
 highly-variable subset of t
 faculty have gotten in the ha
 of meeting Friday afternoons
 a nearby pizza joint. a

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GENERAL SITUATION

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