

AACTM

64th ANNUAL MEETING

Alabama Association of College Teachers of Mathematics

Hosted by AUBURN UNIVERSITY

Local Organizer: Andras Bezdek

FEBRUARY 8, 2014

8:00-9:00	Registration
9:00-9:05	Opening Remarks by Tin-Yau Tam Chair & Lloyd and Sandra Nix Endowed Professor Auburn University Department of Mathematics and Statistics
9:10-9:20	Krystyna Kuperberg (Auburn University) Flow Boxes
9:25-9:35	Gary Tiner (Faulkner University – Montgomery) On the Erdos-Sos Conjecture for Spiders in Graphs Having No Path With $2k+1$ Vertices
9:40-9:50	Jerome Goddard II (Auburn University at Montgomery) Ecological Systems With Aggregation, Grazing, and Σ -Shaped Bifurcation Curves
9:55-10:05	Tin-Yau Tam (Auburn University) Teaching Linear Algebra Effectively
10:10-10:50	PANEL DISCUSSION : Effective Inquiry Based Learning (IBL) Techniques Anne Yust, organizer (Birmingham Southern College) Mark VanHooser (Troy University) Krystyna Kuperberg; Frank Sturm; Steven Clontz (Auburn University) Anneliese Spaeth (Huntingdon College)
10:50-11:10	BREAK

- 11:10-12:00** **LEWIS-PARKER LECTURE**
Michel Smith (Auburn University)
Recovery from Research Doldrums and Resulting Discoveries - - a Personal Mathematical Narrative
- 12:00-1:00** **LUNCH**
- 1:00-1:10** **Young H. Y. Kim (Tuskegee University)**
On the Identification Methods of the Two-Input Hysteresis Models
- 1:15-1:25** **Jessica Xie (Auburn University)**
Approximation of Random Dispersal Operators by Nonlocal Dispersal Operators
- 1:30-2:10** **PANEL DISCUSSION: Themes in Mathematics Education of Teachers**
John Mayer, organizer (University of Alabama at Birmingham)
Jim Gleason (University of Alabama)
Bernie Mullins (Birmingham Southern College)
- 2:10-2:30** **BREAK**
- 2:30-2:40** **Luke Smith (Auburn University at Montgomery)**
Success With Reform Pedagogical Practices in Remedial Mathematics Courses
- 2:45-2:55** **Lauretta Garrett (Tuskegee University)**
Stories in Student Representations of a Functional Relationship
- 3:00-3:10** **Andras Bezdek and Osman Yardimci (Auburn University)**
Using Visual Teaching Aids to Make Green's Theorem More Memorable
- 3:15-3:25** **Jim Gleason (University of Alabama)**
An Observation Instrument for Assessing the Undergraduate Mathematics Classroom
- 3:30-3:45** **BUSINESS MEETING**
Report of Secretary/Treasurer, election of officers, and other business
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AACTM OFFICERS AND EXECUTIVE COUNCIL

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