

Talks

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Invited Research Talks

- *$\sigma wHCP$ Spaces*, New York City Colleges Topology Seminar, University of Connecticut - Stamford, December, 2004
- *Knot theory, graph theory, and their link* two-part presentation with Colleen Hughes ('06), 32nd Annual Fall Mathematics Conference at Miami University, October, 2004
- *Nagata-Smirnov revisited: Spaces with σ -weakly hereditarily closure preserving bases*, 19th Summer Conference on Topology and Its Applications, University of Cape Town, South Africa, July, 2004
- *Current Progress on κ -Fréchet Urysohn Spaces*, New York City Colleges Topology Seminar, College of Staten Island, December, 2003
- *Recent progress in the study of κ -Fréchet Urysohn Spaces*, 2003 Summer Conference on Topology and Its Applications, Howard University, July, 2003
- *Recent progress in α -type separation axioms and a new type of convergence*, Brooklyn Topology Conference, Brooklyn College, June, 2003
- *A Katětov-type result via β -normality*, The Nogura Topology Mini-Conference, Slippery Rock University, March 2002
- *Generalizations of normality*, Math Colloquium, University of Dayton, November 2000
- *Two generalizations of Normality*, Mathematics Colloquium, Miami University, November 2000

Contributed Research Talks

- *On κ -Fréchet-Urysohn spaces*, 2002 Zoltan Balogh Memorial Conference at Miami University, 2003.
- *A strengthening of a result by A.H. Stone and its application to infinite products*, 2002 AMS/MAA National Meetings, San Diego, CA, 2002.
- *Applications of α -normal and β -normal*, presented at the 15th Summer Conference on General Topology and Its Applications, Oxford, Ohio, July 2000.
- *Results on α -normal and β -normal*, presented at the Spring General Topology and Dynamic Systems Conference, San Antonio, Texas, March 2000.
- *An α -normal application to a classic result of A.H. Stone*, Topology Seminar, Miami University, November 2000.
- *Hereditarily α -normal spaces*, Topology Seminar, Miami University, November 2000.
- *A consistent example of a β -normal, non-normal space*, Topology Seminar, Miami University, September 2000.
- *Is \mathbb{N}^{ω_1} α -normal?*, Topology Seminar, Miami University, September 2000.
- *A β -normal, not normal space*, Topology Seminar, Ohio University, February 2000.

- *Two new normal-type separation axioms*, Topology Seminar, Ohio University, 1999.

Pedagogical Talks

- *Speaking of Mathematics*, 80-minute special MAA panel co-organized with John Jacobsen of Harvey Mudd College, with speaker Joseph A. Gallian of the University of Minnesota - Duluth at the AMS/MAA National Meetings, Atlanta, GA, January, 2005
- *Entering the community of scholars: Summer research at Denison University*, special session on Initiating and Sustaining Undergraduate Research Projects and Programs, AMS/MAA National Meetings, Atlanta, GA, January, 2005
- *When knot theory meets graph theory*, Five Colleges Speaker Circuit, College of Wooster, December, 2004
- *Check digits and error correction*, Special Session on Mathematical Applications in Computer Science, AMS/MAA National Meetings, Phoenix, January 2004
- *Computer Visualizations for Calculus*, AMS/MAA National Meetings, Phoenix, January 2004
- *Hands-on Learning in Calculus via Maple-based Projects*, The Sixteenth Annual International Conference on Technology in Collegiate Mathematics, Chicago, IL, October, 2003
- *Why should I give a doughnut about point-set topology?*, Ohio Five Speaker Circuit, Oberlin College, March 2003
- *Understanding the fundamental theorem of calculus through writing*, 2003 AMS/MAA National Meetings, Baltimore, MD
- *Hands-on learning in calculus via computer-based projects*, 2002 Fall MAA Ohio Section at Kent State University - Trumbull
- *A Real World Application of the Area Under the Curve*, MAA MathFest 2002, Burlington, VT
- *Discovery Learning - The Modified Moore Method*, invited talk for the Ohio Project NExT, presented at the 2002 Spring MAA Ohio Section at Xavier University, April 2002.
- *Identification Numbers, Check Digits, and Error Correction*, presented at the 2002 Spring MAA Ohio Section at Xavier University.
- *Applications of graphing calculators in the high school curriculum*, teacher in-service Talks program, Waverly High School, 2000
- *Pros and cons of Harvard calculus reform*, Teaching Seminar, Ohio University, 1996
- *Using graphing calculators in the classroom*, teacher in-service program, North College Hill City Schools, June 1996