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Información Personal

País de nacimiento: Alemania.
Nacionalidad: Guatemalteco.

Educación

Ph.D. en Matemáticas, 16 de Octubre, 2006
University of Illinois at Urbana-Champaign, Urbana, IL, USA

Disertación: “Model Theory of Nakano Spaces”

Director de Tesis: C. Ward Henson

Abstract: Ciertas clases de espacios de Nakano se demuestra son axiomatizables in la lógica continua para estructuras métricas. Se considera la teoría de los espacios de Nakano sin átomos, equipados con un modular convexo con rango esencial compacto fijo, y se demuestra que dicha teoría admite eliminación de cuantificadores. Si además se requiere que el rango esencial esté acotado inferiormente por un número estrictamente mayor a 1, se verifica que dicha teoría es estable.

Licenciado en Matemáticas, Octubre 1996
Universidad del Valle de Guatemala, Guatemala.

Empleo

Profesor Asistente

Salem State College
2006

Posición *tenure-track* como Profesor Asistente en el Departamento de Matemáticas de Salem State College, desde el primero de Septiembre del año 2006.

Membresías

- Board of Members, Young Mathematicians Network
- American Mathematical Society
- Mathematical Association of America
- Association of Symbolic Logic

Distinciones

- Project NExT Fellow, 2007-2008
- Trjitzinsky Fellowship, Fall 2005
- Departmental Instructional Award for Outstanding Teaching, University of Illinois at Urbana-Champaign, 2004.
- Incomplete List of Excellent Teachers as ranked by students, University of Illinois at Urbana-Champaign, 2004

- Incomplete List of Excellent Teachers as ranked by students, University of Illinois at Urbana-Champaign, 2001
- Diploma de Honor al Mérito Académico, Universidad del Valle de Guatemala, 1996
- Diploma de Honor al Mérito Académico, Universidad del Valle de Guatemala, 1995

Charlas

- *Introducción a la Lógica Continua para Estructuras Métricas*: Mini-curso en la Universidad Sergio Arboleda, Bogotá, Colombia, 2007.
- *A Gentle Introduction to Continuous Logic*: Fall sectional meeting of the Northeastern section of the MAA, Sacred Heart University, 2006
- *Basic Model Theory of Nakano spaces*: 6th Annual Graduate Student Logic Conference in Logic, in Urbana, Illinois, on April 23, 2005.
- *Some Generalizations of Ramsey Theorem*: Analysis Seminar for Graduate Students, UIUC, September 23, 2003.
- *Axiomatizability of Orlicz lattices I and II*: Model Theory in Analysis and Geometry seminar, University of Illinois at Urbana-Champaign (UIUC), September 8 and 12, 2003.
- *Model Theory in Functional Analysis*: Departmental colloquium for graduate students, UIUC, November 4, 2002.
- *Hidden Markov Models in Bioinformatics*: Data Mining in Bioinformatics, UIUC, March 14, 2002.
- *Introduction to Noncommutative Martingales I and II*: RAP seminar on Noncommutative L_p -spaces, University of Illinois at Urbana-Champaign, September 13 and 20, 2001.
- *Some Generalizations of Ramsey Theorem*: Combinatorics and Number Theory Seminar, UIUC, July 12, 2001.

Conferencias

- Co-coordinator, Project NExT Winter Sessions, 2006
- Joint Meetings of the AMS/MAA, San Antonio, 2006
- Computability: conference in the honor of Richard Shore's 60th birthday, MIT, 2007
- MathFest, San José, California, 2007
- II Escuela de Verano de la Universidad Sergio Arboleda, Bogotá, Colombia, 2007
- Fall sectional meeting of the Northeastern section of the MAA, Sacred Heart University, 2006
- Logic and mathematics: interactions and connections, Urbana, Illinois, 2003
- Logic Colloquium, Vienna, Austria, 2002
- Wabash Analysis Seminar, Wabash College, Indiana, 2002
- Workshop in model theory, Toronto, Ontario, 2001
- Midwest model theory seminar, Madison, Wisconsin, 2001
- Midwest model theory seminar, Columbus, Ohio 2000
- Congreso Franco-Centroamericano de Matemáticas, Antigua, Guatemala, 1996
- Congreso Franco-Centroamericano de Matemáticas, Antigua, Guatemala, 1995

Artículos

- Positive Contractive Projections in Nakano Spaces, with Yves Raynaud. Submitted.