



## Fernando Guzman

Bartle Professor  
 Ph.D., 1985, Syracuse University  
 At Binghamton since 1985  
**Areas of Interest:** Algebra, algebraic logic, theoretical computer science  
 Summary of research interests

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### Office hours:

|                   |               |
|-------------------|---------------|
| M                 | 10:00 - 11:00 |
| T                 | 4:00 - 5:00   |
| F                 | 10:00 - 11:00 |
| or by appointment |               |

### Spring 2022

|          |                 |                |
|----------|-----------------|----------------|
| Math 330 | Section 01 :    | Number systems |
|          | MWF 8:00 - 9:30 | WH-100B        |
| Math 699 | Section 09 :    | Dissertation   |
|          | -               | -              |

**Office:** WH 116

### Courses:

#### Ph. D. Students:

- Charles (Matt) Evans, Summer, 2020  
**Thesis:** Spectral Properties of Commutative BCK-Algebras
- Joseph Cyr, Summer, 2019  
**Thesis:** Subdirectly Irreducible Binary Modes
- Eran Crockett, Summer, 2018  
**Thesis:** On a Class of Nilpotent Algebras
- Martha Kilpack, Spring, 2012  
**Thesis:** The Lattice of Closure Operators and the Algebraic Lattice of Algebraic Closure Operators
- Gina Kucinski, Summer, 2010  
**Thesis:** Duality for the Algebra of Conditional Logic
- Viji Thomas, Summer, 2010 (Co-advisor Luise-Charlotte Kappe)  
**Thesis:** The Box-Tensor Product: A Generalization of the Nonabelian Tensor Product
- Joshua Palmatier, Spring, 2005  
**Thesis:** M-Zeroids: Structure and Categorical Equivalences
- Dan Clouse, Summer, 2002  
**Thesis:** A Dual Representation of Boolean Semirings In a Category of Structured Topological Spaces
- Zoran Sunik, Summer, 2000  
**Thesis:** On a Class of Periodic Spinal Groups of Intermediate Growth
- Elizabeth Gumustop, Spring, 1997

**Thesis:** Varieties of Codes and Codifiable Varieties of Monoids

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## Course Web Page(s)

[Number Systems - Math 330 - 01 \(Spring 2022\)](#)

Here's a link to my personal web page.

From:

<http://www2.math.binghamton.edu/> - **Binghamton University Department of Mathematical Sciences**

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**<http://www2.math.binghamton.edu/p/people/fer/start>**

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