

ANDREW DYKSTRA

Department of Mathematics
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ACADEMICS

Ph.D. Mathematics, University of Maryland, May 2007, advised by Mike Boyle.

B.A. Mathematics, Carleton College, 2001.

MATHEMATICAL INTERESTS

Dynamical systems, symbolic dynamics, ergodic theory.

RESEARCH

- *Right closing almost conjugacy for G -shifts of finite type*,
Colloquium Mathematicum, **104** (2006), no. 2, 207-221.
- *Weak equivalence for shifts of finite type*,
Joint work with J. Barth, Preprint.

INVITED TALKS

- AMS Sectional Meeting, Bard College, October 2005.
- Summer School in Aperiodic Order, University of Victoria, August 2005.
- Summer Conference on Topology and its Applications, Denison University, July 2005.
- School on Information and Randomness, University of Chile, December 2004.
- Maryland-Penn State Workshop in Dynamical Systems and Related Topics, Pennsylvania State University, October 2004.
- Preliminary Oral Exam, University of Maryland, October 2004.
- VIGRE Research Interaction Team in Symbolic Dynamics, University of Maryland, November 2003 and March 2004.

ANDREW DYKSTRA

TEACHING EXPERIENCE

As primary instructor:

- Introduction to Probability
- Pre-Calculus
- Calculus II
- Linear Algebra

As discussion leader or grader:

- Calculus I
- Advanced Calculus I and II
- Topology I (graduate level)

HONORS AND AWARDS

- Distinguished teaching assistant award, Center for Teaching Excellence, University of Maryland, 2007.
- Excellence in teaching award for graduate assistants (first place), Mathematics Department, University of Maryland, 2006.
- VIGRE dissertation fellowship, Fall 2005 and Spring 2006.
- Goldhaber travel grant, Summer 2005.
- Excellence in teaching award for graduate assistants (honorable mention), Mathematics Department, University of Maryland, 2002.
- Magna cum laude, Carleton College, 2001.
- Dean's list, Carleton College, 2000.

COMPUTER SKILLS

Mathematica, L^AT_EX, HTML, C++

STUDY ABROAD

Budapest Semesters in Mathematics program, Fall 2000.

FACTS ABOUT ME

I love to play the piano; in college I won the senior concerto competition. I speak Spanish and some French. Other interests include swimming and chess.

CITIZENSHIP

United States of America

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REFERENCES

Mike Boyle

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Research Letter

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William Schildknecht

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Teaching Letter