Ran Cui

https://cuiran.github.io
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EDUCATION

Ph.D., University of Maryland,
May 2016
Concentration: Mathematics

B.S., Nankai University,
May 2009
Concentration: Mathematics

COMPUTER SKILLS

Languages & Software: In decreasing order of familiarity
LaTeX, Matlab, Python, Machine Learning, HTML, CSS, SQL.

RESEARCH

Ran Cui, "The Real-Quaternionic Indicator of Self-Conjugate Representations of Real Reductive Groups"   Spring 2016

Ran Cui, "A Comment on the Local Langlands Correspondence of $GL(2, F)$"   2013

Invited Talks:
- AMS Special Session at Rutgers University, November 2015.
- Algebra and Lie Groups Seminar at Yale University, March 2016

COURSES TAUGHT

Introduction to Statistics (STAT 100)
Applied Probability and Statistics (STAT 400)
Calculus I, II, III (MATH 140, MATH 141, MATH 241)
Differential Equations (MATH 246)

SERVICE

Vice President of Women In Math at University of Maryland, 2015 - 2016.
Duty: Organize monthly meetings. I help invite female speakers with mathematical background to share their professional and personal experience as women in math.

Committee Member of International Graduate Student Committee, 2013 - 2016.
Duty: Informing international students about grants/fellowships that's available for non-citizens. We also organize annual international potluck.

RECENT AWARDS

Ralph Pass III Fellowship Award, 2015
This award is awarded to one or two students in number theory and related area once per year for excellence in research.

Spotlight Award, 2016
The Spotlight talks is a contest of effectively communicating mathematical ideas to a general audience. 4 winners emerge from approximately 20 participants every year.