

Matthew Radosevich

mr111@rice.edu | Rice University

Education

- **Rice University** *August 2023 – Present*
Houston, Texas
PhD in Mathematics (in progress)
 - Advisor: Anthony Várilly-Alvarado
- **Dartmouth College** *June 2020*
Hanover, New Hampshire
B.A. in Mathematics with High Honors
 - Major in Mathematics, Minor in English

Research

- [1] *Computing Euclidean Belyi Maps* (with John Voight), *J. Théorie Nombres Bordeaux* **35** (2023), no. 2, 543–565.
We exhibit an explicit algorithm to compute three-point branched covers of the complex projective line when the uniformizing triangle group is Euclidean.

Honors and Awards

- **Excellence in Teaching Award** 2026
Rice University Department of Mathematics
 - Annual award recognizing outstanding teaching by a graduate student
- **Honorable Mention, NSF GRFP** 2025
National Science Foundation
 - Recognition for proposed research program and academic merit
- **John J. Byrne Jr. Prize in Mathematics** 2020
Dartmouth College
 - Given to the top graduating mathematics major intending to continue mathematics at the graduate level

Teaching Experience

(All courses as instructor of record)

- **At Rice University:**
 - Math 212 (Multivariable Calculus) – Summer 2025, Spring 2026
 - Math 110 (Corequisite discussion section for Calculus I) – Fall 2024, Fall 2025
New course offering in fall 2024, developed as part of a restructuring of introductory math courses at Rice under a grant from the Howard Hughes Medical Institute. Weekly class meetings focused on developing fundamental algebra and pre-calculus skills to support student success in calculus.

Talks and Presentations

- "Hands-On Descent with Genus Zero Belyi Maps"—Rice University, Current Math Seminar, October 2025
- "Belyi Maps: What, Why, How?"—Rice University, Current Math Seminar, October 2024
- "Computing Euclidean Belyi Maps"—Dartmouth College, Honors Thesis presentation, May 2020

Relevant Skills

- Experience with MAGMA computational algebra system

Service

- **Departmental Representative to Graduate Student Association** *August 2024 – May 2025*
Rice University
 - Advocated for graduate student and departmental interests
 - Planned and implemented social and professional development events for graduate students
- **Departmental Representative to Graduate Student Advisory Board** *August 2024 – May 2025*
Weiss School of Natural Sciences, Rice University
 - Advised the Dean of the School of Natural Sciences on matters relating to student welfare and enrichment
 - Proposed school-wide standards for early career advising and progress expectations
 - Communicated between the math department's director of graduate studies, graduate students, and the office of the Dean

Additional Information

Languages: English (fluent), French (intermediate)