

BENJAMIN ADENBAUM

- CONTACT INFORMATION *Email:* benjamin.m.adenbaum.gr@dartmouth.edu
- EDUCATION **Dartmouth College**, Hanover, NH Sep 2019 - Current
- M.A. Mathematics June 2021
- Ph.D., Mathematics (in progress)
- Thesis Advisor: Sergi Elizalde
Lafayette College, Easton, PA Sep 2015- May 2019
- B.S. Mathematics with Honors, Magnum Cum Laude
- Minor Computer Science
- PRESENTATIONS **Research Presentations**
- “Rowmotion on 321-Avoiding Permutations”, *AMS Special Session on Algebraic and Bijective Methods in Permutation Enumeration* at Joint Math Meetings, joint work with Sergi Elizalde April 2022
- “Rowmotion on 321-Avoiding Permutations”, *Permutation Patterns*, joint work with Sergi Elizalde April 2021
- “Playing the Iterated Prisoners’ Dilemma with Cards”, *AMS-MAA-SIAM Special Session on Research in Mathematics by Undergraduates and Students in Post-Baccalaureate Programs* at Joint Math Meetings, joint work with Rob Root January 2018
Seminar Talks
“R-Rowmotion” *Combinatorics Seminar*, Dartmouth College May 2022
“R-Rowmotion” *Combinatorics Seminar*, University of Vermont April 2022
“Differential Posets” *Graduate Student Seminar*, Dartmouth College October 2020
“Differential Posets” *Graduate Student Intercollegiate Mathematics Seminar*, Lehigh University October 2020
“Ramsey Theory” *Graduate Student Seminar*, Dartmouth College March 2020
- TEACHING **Instructor** *Dartmouth College*
- Math 3 Introduction to Calculus Fall 2021
- Math 9 Multivariable Calculus with Linear Algebra Fall 2022
Teaching Assistant, *Dartmouth College*
- Math 8 Calculus of Functions of one and Several Variables Fall 2019
- Math 10 Introductory Statistics Spring 2020 online over Zoom
- Math 108 Topics in Combinatorics Fall 2020 online over Zoom
- Math 3 Introduction to Calculus Winter 2021 online over Zoom
Teaching Assistant, *Lafayette College* Fall 2017
- Lab Teaching Assistant for Applied Statistics
- SERVICE AND OUTREACH - Dartmouth Combinatorics Seminar Co-organizer Fall 2022
- Dartmouth College *Directed Reading Program* Co-organizer Winter 2023

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PROGRAMMING Java, L^AT_EX, R, Python, Sage
LANGUAGES