

Matthew Kendall

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EDUCATION

Stanford University, Stanford, CA starting Sep 2024
Doctor of Philosophy, Mathematics

Princeton University, Princeton, NJ Sep 2019 – May 2024
Bachelor of Arts, Mathematics High honors, GPA: 3.95/4.0

Budapest Semesters in Mathematics, Budapest, Hungary February 2021 – May 2021

Stuyvesant High School, New York, NY September 2015 – June 2019

PUBLICATIONS AND PREPRINTS

3. Crossing change maps in filtered grid homology. (2023) arXiv:2303.04227
2. Bender–Knuth involutions on linear extensions of posets. (2023) arXiv:2302.12425
with J. Chiang, A. Hoang, R. Lynch, S. Nguyen, B. Przybocki, and J. Xia.
Discrete Mathematics, 347(9):114068.
1. Quantitative Helly-type theorems via sparse approximation. (2021) arXiv:2108.05745
with V. Almendra–Hernández and G. Ambrus.
Discrete and Computational Geometry, 70(4):1707–1714.

AWARDS AND HONORS

Middleton Miller '29 Prize, *Department of Mathematics, Princeton University* May 2024
Election to the Phi Beta Kappa chapter, *Princeton University* May 2024
Election to the Sigma Xi chapter, *Princeton University* May 2024
Andrew H. Brown Prize, *Department of Mathematics, Princeton University* May 2023
Richard B. Geller Memorial Scholarship, *Stuyvesant High School* June 2019
Director's Award, *New York Youth Symphony Chamber Program* May 2019
Berman–Rockow Award, *New York State Math League* May 2019