

Yuhan Jiang

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Education

Harvard University

Ph.D. candidate, advised by Professor Lauren K. Williams

September 2020 – Present

Cambridge, MA

University of California, Berkeley

B.A. in mathematics

August 2016 – May 2020

Berkeley, CA

Teaching

Spring 2024 Math 21b: Linear Algebra
Spring 2023 Math 21b: Linear Algebra
Spring 2022 Math 21a: Multivariate Calculus
2022-2024 Directed Reading Program (DRP)

Research Presentations

The doubly ASEP Richard P. Stanley Seminar, Harvard
Combinatorics Seminar, Brown
Integrable Probability Working Group, MIT
Probability Seminar, Stony Brook
poster IPAM workshop, Vertex Models
FPSAC 2024

References

- [1] Y. Jiang, "The Ehrhart h^* -polynomial of positroid polytopes," 2024. arXiv:2410.01743.
- [2] E. Bullock, Y. Jiang, "The Ehrhart series of alcoved polytopes," *in preparation*.
- [3] Y. Jiang, "The doubly asymmetric simple exclusion process, the colored Boolean process, and the restricted random growth model," 2023. arXiv:2312.09427.
- [4] Y. Jiang, K. Kohn, and R. Winter, "Linear spaces of symmetric matrices with non-maximal maximum likelihood degree," *Matematiche (Catania)*, vol. 76, no. 2, pp. 461–481, 2021. DOI: 10.4418/2021.76.2.11.
- [5] Y. Jiang and B. Sturmfels, "Bad projections of the PSD cone," *Collect. Math.*, vol. 72, no. 2, pp. 261–280, 2021. DOI: 10.1007/s13348-021-00319-4.
- [6] Y. Jiang and W. Han, "Singularities and genus of the k -ellipse," *J. Symbolic Comput.*, vol. 104, pp. 343–355, 2021. DOI: 10.1016/j.jsc.2020.06.009.

Specialized Skills

Programming Languages: Python, SageMath, Macaulay2, polymake