

Benjamin Jones

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🌐 <https://been-jamming.github.io>



Education

- 2021 – present 📖 **Ph.D. Mathematics**, Arizona State University
Advisor: John Quigg
- 2018 – 2021 📖 **B.S. Mathematics**, Arizona State University
Advisor: Andrew Bremner
Thesis Title: Finding Elliptic Curves with Many Integral Points
ASU SoMSS Dean's Medalist

Research

- 1 M. Gillespie, L. Hall, B. Jones, and M. Tobolski, "Principal actions on topological quivers and associated operator dynamics," 2025, submitted to *The Documenta Mathematica*. arXiv: 2503.16352 [math.OA].
🔗 URL: <https://arxiv.org/abs/2503.16352>.
- 2 B. Jones, " C^* -correspondences for ordinal graphs," 2025, in preparation.
- 3 B. Jones, "Ordinal graphs and their C^* -algebras," 2025, submitted to *Mathematica Scandinavica*. arXiv: 2411.00206 [math.OA]. 🔗 URL: <https://arxiv.org/abs/2411.00206>.

Talks

Upcoming Invited

- November 2025 📖 C^* -correspondences for ordinal graphs, New Mexico State University
- January 2026 📖 C^* -correspondences for ordinal graphs, JMM Operator Algebras Special Session

Invited

- January 2025 📖 Ordinal graphs and their C^* -algebras, IMPAN
- April 2025 📖 Ordinal graphs and their C^* -algebras, MAA Section Meeting, CU Boulder

Contributed


- July 2025 📖 Graph C^* -algebras, GOALS 2025, Virtual
- June 2025 📖 Ideals and approximate units, GOALS 2025, Virtual
- May 2025 📖 Ordinal graphs and their C^* -algebras, COSY, University of Waterloo]
- June 2024 📖 Topological Quiver C^* -Algebras & Group Actions, GPOTS, University of Nebraska-Lincoln

Teaching









Instructor

- 2022 📖 MAT 265, Calculus I for Engineers
- 2023 📖 MAT 266, Calculus II for Engineers

Teaching (continued)


2025  MAT 265, Calculus I for Engineers

Teaching Assistant

2021  MAT 266, Calculus II for Engineers
2022  MAT 266, Calculus II for Engineers
  MAT 267, Calculus III for Engineers
2023  MAT 267, Calculus III for Engineers
  MAT 543, Graduate Algebra I
2024  MAT 267, Calculus III for Engineers
  MAT 570, Graduate Real Analysis I
2025  MAT 267, Calculus III for Engineers

Employment History

2021 – present  **Teaching Assistant**, Arizona State University

2019 – 2020  **Math Tutor**, University Academic Success Programs, Arizona State University