

Khalid Bdarneh, Ph.D.

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Employment History

- 2023 – present **Assistant Professor.** Department of Mathematics, University of Jordan.
- 2019 – 2023 **Teacher Assistant.** Department of Mathematics, Louisiana State University, USA.
- 2011 – 2018 **Teacher.** Ministry of Education, Jordan.

Education

- 2018 – 2023 **Ph.D. Louisiana State University.**
Thesis title: *Analytic Continuation of Toeplitz Operators and Commuting Families of C^* -Algebras.*
Advisor: *Gestur Ólafsson*
- 2011–2013 **M.Sc. Mathematics.** Jordan University of Science and Technology.
- 2006 – 2011 **B.Sc. Mathematics.** Jordan University of Science and Technology.

Research Publications

- 1 Gelfand theory of Toeplitz algebras on Cartan domains (In preparation).
- 2 K. Bdarneh and G. Ólafsson, “Analytic continuation of Toeplitz operators and commuting families of C^* -algebras,” 2023. eprint: arXiv:2309.02152.

Workshops and Seminars

- Harmonic Analysis Seminar, March 2023, Louisiana State University.
- Non Commutative Geometry and Harmonic Analysis on Homogenous Spaces, Jan 2023, William and Mary, Virginia.
- Clemson Analysis and PDE Seminar, April 2023, Clemson University.
- Co-organized Harmonic Analysis Seminar at LSU, 2020-2023.

Miscellaneous Experience

Awards and Achievements

- Scholarship from the University of Jordan to obtain Ph.D in Mathematics (2018-2023).
- Scholarship from Jordan’s Ministry of Education to obtain B.Sc in mathematics (2006-2010).

Association Memberships

- American Mathematical Society.

Teaching

University of Jordan

- 📖 Calculus I & II.
- 📖 Principles of Mathematics.
- 📖 Complex Analysis.

Louisiana State University

- 📖 Calculus I & II.
- 📖 College Algebra.

References

Available on Request