

MISHEL SKENDERI

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EDUCATION

- Expected 12/26 **NEW YORK UNIVERSITY** New York, NY
The Courant Institute of Mathematical Sciences
M.S. in Mathematics in Finance
- **Expected Coursework:** computing in finance, financial securities and markets, risk and portfolio management, stochastic calculus and dynamic asset pricing
- 08/16 - 05/21 **BRANDEIS UNIVERSITY** Waltham, MA
Ph.D. in Mathematics (2021); **M.A. in Mathematics** (2018)
- **Coursework:** real, complex, and functional analysis; abstract algebra (group and ring theory, commutative algebra); differential and algebraic topology and geometry; ergodic theory and homogeneous dynamics
- 09/11 - 06/15 **THE UNIVERSITY OF CHICAGO** Chicago, IL
B.A. in Mathematics
- **Coursework:** real, complex, and functional analysis; abstract algebra (group and ring theory, linear algebra); ordinary and partial differential equations; point-set topology; mathematical logic; computability theory; statistics; optimization; some economics courses; various humanities and social science core courses; general chemistry; core biology

EXPERIENCE

- 08/21 - 06/24 **THE UNIVERSITY OF UTAH** Salt Lake City, UT
Department of Mathematics
Wylie Assistant Professor (Lecturer)
- 3-year postdoctoral appointment in Department of Mathematics
 - Conducted research in Diophantine approximation and geometry of numbers
 - Wrote and published research articles, often with collaborators
 - Taught 8 courses as instructor of record, including single-variable calculus, multi-variable calculus, linear algebra, and introduction to real analysis
 - Held office hours; designed lectures, supplementary learning materials, homework assignments, exams, and quizzes; proctored and graded exams and quizzes
- 08/17 - 05/19 **BRANDEIS UNIVERSITY** Waltham, MA
Department of Mathematics
Graduate Student Instructor
- Taught 4 single-variable calculus courses as instructor of record
 - Held office hours; designed, proctored, and graded exams and quizzes

PUBLICATIONS

Inhomogeneous Diophantine approximation for generic homogeneous functions. (Joint with D. Ya. Kleinbock.) Int. J. Number Theory 19 (2023), no. 06, 1269–1293, DOI 10.1142/S1793042123500628.

Higher-rank pointwise discrepancy bounds and logarithm laws for generic lattices. (Joint with S. Kim.) Acta Arith. 205 (2022), no. 3, 227–249, DOI 10.4064/aa220325-17-8.

Khintchine-type theorems for values of subhomogeneous functions at integer points. (Joint with D. Ya. Kleinbock.) Monatsh. Math. 194 (2021), no. 3, 523–554, DOI 10.1007/s00605-020-01498-1.

Some results on random unimodular lattices. Proc. Amer. Math. Soc. 149 (2021), no. 2, 539–553, DOI 10.1090/proc/15241.

SKILLS / OTHER

Computer Skills: Python, Microsoft Excel, TeX, LaTeX, Overleaf
Languages: English (native), Albanian (native), French (intermediate)
Work Authorization: U.S. Citizen