

Angel D. Cruz

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Education

University of British Columbia

PhD in Mathematics

Aug 2021 - Present

San Francisco State University

M.A. in Mathematics

Aug 2018 - May 2020

San Francisco State University

B.Sc. in Applied Mathematics

Aug 2013 - Jan 2018

Publications

Large Sets Avoiding Affine Copies of Infinite Sequences.: Joint with C. Lai and M. Pramanik.
Real Analysis Exchange 48(2): 251-270 (2023).

Past Teaching

University of British Columbia

Math 100: Summer term small class instructor.

Math 110: Year-long workshop instructor.

San Francisco State University

Math 199: Standard semester long pre-calculus course.

Math 198: Second half of an academic year long pre-calculus course.

Math 197: First half of an academic year long pre-calculus course.

Workshops and Conferences

2024: On the interface of Geometric measure theory and Harmonic Analysis at Banff International Research Station.

2024: Madison Lectures in Harmonic Analysis at University of Wisconsin-Madison. Participated in spring school on *Multilinear Singular and Oscillatory Integrals with Applications*.

2023: Workshop on harmonic analysis, fractals and tilings at San Francisco State University.

2023: Harmonic Analysis and Fractal Sets at Ohio State University.

2019: B.A.D. Math day at San Francisco State University

2019: Applied Mathematics the next 50 years at University of Washington at Seattle.

2019: Joint Mathematics Meeting, Maryland. Participated in the short course *Sum of Squares: Theory and Applications*.

2018: AMS: Fall Western Sectional Meeting at San Francisco State University.