

COOPER KAURI JACOB

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EDUCATION:

Ph.D. in Mathematics (in progress), University of California, Davis, GPA 3.88	Fall 2016–present
Intercampus Exchange Program, University of California, Berkeley, GPA 4.0	Fall 2017
B.A. in Mathematics, University of California, Berkeley, GPA 3.82	Fall 2014–Spring 2016
College of Marin (coursework), GPA 4.0	Fall 2009–Spring 2014
Pathways Charter School (grade school education)	Fall 2002–Spring 2010

WORK EXPERIENCE:

Teaching assistant at U.C. Davis (for 1st quarter Calculus, 3rd quarter calculus, Linear Algebra, Differential Equations, Complex Analysis, and Mathematics of Theoretical Physics)	Fall 2016–present
Associate Instructor for Linear Algebra at U.C. Davis (future class)	Summer 2020
Course grader for Complex Analysis at U.C. Berkeley	Summer 2019
Course grader for Abstract Algebra at U.C. Berkeley	Summer 2015

CONFERENCES AND SUMMER SCHOOLS ATTENDED:

2020 Virtual Workshop on Ricci and Scalar Curvature	(in progress)
Southern California Geometric Analysis Seminar, UC Irvine	February 2020
New Developments in Quantum Topology, UC Berkeley	June 2019
Bay Graduate Math Conference, UC Berkeley	May 2019
AMS Fall Western Sectional Meeting, San Francisco State University	October 2018
Minimal Surfaces, Flows, and Relativity Summer School, University of Connecticut	July 2018
Minimal Surfaces and Mean Curvature Flow conference, Stanford University	July 2018
MSRI Summer School on the $\bar{\partial}$ Problem in the 21st Century	June 2018
Geometry and Analysis on Manifolds conference, UC Santa Barbara	May 2018
AMS/MAA Joint Mathematics Meeting 2018, San Diego	January 2018
Bay Area Differential Geometry Seminar, UC Davis	April 2017

PRESENTATIONS:

Equivariant cohomology and the first eigenvalue of a modified Laplacian (U.C. Davis Student-Run Research Seminar)	May 2019
The Figure-Eight Knot (U.C. Davis graduate Hyperbolic Geometry topics class)	April 2017
Hyperbolic Knots (U.C. Berkeley undergraduate Introduction to Research class)	May 2016
Mosaic Number of Knots (U.C. Berkeley undergrad Introduction to Research class)	March 2016
Celtic Knots (U.C. Berkeley undergraduate Combinatorial Topology topics class)	May 2015

AWARDS AND HONORS:

Member of Phi Beta Kappa Honors Society	Spring 2016–present
UC Berkeley Dean's Honors List for College of Letters and Sciences	Spring 2015
Member of Phi Theta Kappa Honors Society	Spring 2011–Spring 2014
High School Exemption letter	July 2010