

Curriculum Vitae

Eric Primožic
UCLA Department of Mathematics
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US Citizen

Research Interests: Motivic homotopy theory and algebraic groups

Education: University of California Los Angeles

Ph.D. Mathematics August 2014 – June 2019 Expected

Advisor: Burt Totaro

Cornell University

B.A. Mathematics, summa cum laude August 2010 – May 2014

Senior Thesis: *Homogeneous Groups and Covers*

Advisor: R. Keith Dennis

Honors: Harry S. Kieval Prize in Mathematics May 2014

Highest honor given by Cornell University Mathematics Department to a graduating undergraduate mathematics major

Teaching Assistant at UCLA

Math 3A: Calculus for Life Sciences Students Fall 2014

Math 3B: Calculus for Life Sciences Students Winter 2015

Math 33A: Linear Algebra and Applications Spring 2015

Math 31A: Differential and Integral Calculus Summer 2015

Math 31B: Integration and Infinite Series Fall 2015

Math 33A: Linear Algebra and Applications Fall 2015

Math 32A: Calculus of Several Variables Winter 2016

Math 32B: Calculus of Several Variables Winter 2016

Math 32B: Calculus of Several Variables Spring 2016

Math 131A: Analysis Summer 2016

Math 31A: Differential and Integral Calculus Summer 2016

Math 131B: Analysis Fall 2016
Math 32A: Calculus of Several Variables Winter 2017
Math 32B: Calculus of Several Variables Spring 2017
Math 61: Discrete Structures Summer 2017
Math 33A: Linear Algebra and Applications Fall 2017
Math 61: Discrete Structures Fall 2017
Math 131A: Analysis Winter 2018
Math 110A: Algebra Summer 2018
Math 3C: Ordinary Differential Equations with Linear Algebra for Life Sciences
Students Summer 2018

Expository Talks

Algebraic K-Theory, K_1 and K_2 , UCLA Algebra Seminar February 2015

Adjoint Quotient, Nilpotent Cone, UCLA Algebra Seminar October 2015

Introduction to Chow groups, and decomposition of the diagonal, UCLA Algebra
Seminar January 2016

Classification of projective homogeneous varieties, UCLA Algebra Seminar April
2016

Isogenies and the dual abelian variety I, UCLA Participating Number Theory
Seminar November 2016

Isogenies and the dual abelian variety II, UCLA Participating Number Theory
Seminar November 2016

The Kawamata-Viehweg vanishing theorem, UCLA Algebra Seminar November
2016

Mordell-Weil Theorem I, UCLA Participating Number Theory Seminar March
2017

Mordell-Weil Theorem II, UCLA Participating Number Theory Seminar March
2017

Examples of motives: projective bundle, blow-up, etc., UCLA Algebra Seminar
March 2017

Automorphic Forms on Definite Unitary Groups I, UCLA Participating Number
Theory Seminar April 2017

Automorphic Forms on Definite Unitary Groups II, UCLA Participating Number
Theory Seminar May 2017

The h -topology, and log structures, UCLA Algebra Seminar May 2017

Computation of the étale cohomology of curves using the Brauer group, UCLA
Algebra Seminar May 2018

Convergence of the slice spectral sequence, USC K-theory summer school July
2018