

Curriculum Vitae

Koji Sunami

November 2, 2022

Education

- Kansas State University, Ph.D. (Jan 2021 –)
- University of California, Santa Cruz, B.A. (Sep 2018 – Dec 2019)
- Foothill Community College, A.S. (Aug 2016 – May 2018)

Talk

- KU/KSU talk [Geometric Langlands Program] (Dec 2022 – upcoming)
- Junior M-seminar Talk [Toric Variety for Mirror Symmetry] (Oct 2022)
- GSS talk [Number Theory With a View Toward Algebraic Geometry] (Oct 2022)
- GSS talk [Toric Variety for Mirror Symmetry] (Sep 2022)
- MSRI Summer School [Tropical Geometry] (Aug 2022)
- KU/KSU talk [Semisimple Lie algebra and Dynkin Diagram] (Apr 2022)
- Junior M-seminar talk [DG-category] (Oct 2021)
- UCSC Senior Thesis [Brown Representability Theorem] (Dec 2019)
- Foothill Community College – Research Symposium [Prime Number Theorem] (May 2018)

Exams

Passed QE I Algebra (July 2020), QE I Topology (August 2021), QE I Analysis (August 2021), QE II minor – Lie Algebra (March 2022)

Challenging QE II major – Mirror Symmetry (December 2022)

Coursework

Spring 2021 771 Intro Top/Geom II (David), 723 C Analysis (Gabriel), 817 Alg Geom II (Gabriel)

Fall 2021 812 Hom Alg (Lino), 881 Diff Top (Gerald), 991 Topic Algebra (Soibelman)

Spring 2022 813 Hom Alg (ZongZhu), 882 Diff Geom (Rustam), 830 Alg Num (Todd)

Fall 2022 814 Lie Rep (Natasha), 991A Topic Alg (Soibelman), 991B Topic Alg (Zongzhu)

Teaching

Spring 2021: 220 Calc I (rec)

Fall 2021: 220 Calc I (rec)

Spring 2022: 221 Calc II (rec)

Summer 2022: 340 Diffyq (grader)

Fall 2022: 100 College Algebra Studio (rec)

Language

Fluent English, Japanese

Beginner Russian, Spanish, French, German, Chinese, Arabic, Hebrew