

# Curriculum Vitae

Koji Sunami

May 30, 2023

## 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 and Experience

- KU/KSU talk [Geometric Langlands Program] (Dec 2022)
- 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

- QE II minor – Lie Algebra (Passed, March 2022)
- QE II major – Mirror Symmetry (Passed, January 2023)

## Coursework

**Spring 2021** 771 Intro Top/Geom II, 723 C Analysis, 817 Alg Geom II

**Fall 2021** 812 Hom Alg I, 881 Diff Top, 991 Topic Algbra

**Spring 2022** 813 Hom Alg II, 882 Diff Geom, 830 Alg Num

**Fall 2022** 814 Lie Rep, 991A Topic Alg, 991B Topic Alg

**Spring 2023** 815 Lie Rep II, 876 Alg Top II, 999 Research

**Fall 2023** 995 Topic/Geometry, 997 Topic/Number Theory, 999 Research

## 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)

**Spring 2023:** 221 Calc II (rec)

## Language

**Fluent** English, Japanese

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

## Link

<https://kojisunami.github.io/index.html>(My Official Website)