

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 Algebra
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)

Other Ability

Language English, Japanese (fluent)

Language Arabic, Chinese, French, German, Hebrew, Russian, Spanish (beginner)

Hobby Physics, Philosophy, Theoretical Computer Science

Link

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