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# Fourier analysis in GLSM quasimaps

*Tuesday, March 4, 2025 11:30 AM (1 hour)*

Fourier analysis is a useful tool in the study of equivariant Gromov-Witten theory and quantum cohomology. In this talk, I will explain how it can be used to compute quasimap invariants of GIT quotients of vector spaces and Landau-Ginzburg pairs on such spaces, known as GLSM invariants. I also plan to discuss how it can be applied to study the variation of GIT quotients in curve counting theories. This talk is based on joint work in progress with Melissa Liu.

**Presenter:**   ALESHKIN, Konstantin (Kavli IPMU, the University of Tokyo)