THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PURE MATHEMATICS

On the quantum cohomology of Fano complete intersections

by

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Abstract

This is a talk on my works on quantum cohomology of Fano complete intersections in projective spaces, mostly based on the deformation invariance. I will introduce the square root recursion conjecture, and an ad hoc method for cubic hypersurfaces and the even-dimensional intersections of two quadrics. I will also mention some results in genus 1. Some conjectures and open problems will be left.

Date : 05 June 2024 (Wednesday)
Time : 3:00pm – 4:00pm
Zoom link: https://hkust.zoom.us/j/9584764665?omn=91281185525

All are Welcome!