



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PURE MATHEMATICS

Conjecture O and Gamma conjecture I for Fano manifolds

by

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Abstract

In this talk, we will discuss Conjecture O and Gamma conjecture I for Fano manifolds in more details. We will review the current approaches to both conjectures in various concrete examples. We will also introduce some relevant conjectures on the eigenvalues of linear operators on the quantum cohomology of a Fano manifold, induced by the quantum multiplications. This is the third one of the series of talks on Gamma conjectures, and the context of this talk will be self-contained.

Date : 5 May 2023 (Friday)

Time : 4:30pm

Venue : Room 5562 (Lifts 27/28)

All are Welcome!