THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PURE MATHEMATICS

Stable quasimaps to GIT quotients

by

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Abstract

For a large class of GIT quotients X, the moduli space of maps from curves into X can be compactified into the moduli of epsilon-stable quasimaps, where epsilon is any given positive rational number. They each carry a perfect obstruction theory, defining the epsilon-stable quasimap invariants. As epsilon varies, there is a wall-crossing formula. We will focus on the stability condition, the geometric properties of the moduli spaces and the wall-crossing phenomenon.

Date : 25 August 2022 (Thursday)

Time : 3:00pm – 4:30pm

Zoom Meeting : https://hkust.zoom.us/j/9584764665 (Passcode: BCOV)

All are Welcome!