THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PURE MATHEMATICS

Logarithmic R-map

by

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Abstract

The fundamental object of Gromov-Witten theory is the notation of stable map to a target Kahler/Symplectic manifold. In LG A-model in physics, the target carries an additional C^* action called R-charge. It twisted the notation of map in so-called gauged linear sigma model. Furthermore, its moduli space is noncompact even with stability condition. In the talk, we will introduce the notation of R-map. The effort to compactify it leads to the theory of Logarithmic R-maps. This is a joint work with Qile Chen and Felix Janda.

Date : 13 October 2022 (Thursday)

Time : 10:00am – 11:00am

Zoom Meeting : https://hkust.zoom.us/j/3548208335 (Passcode: quiver)

All are Welcome!