

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

Gaeta resolutions and stable sheaves over rational surfaces

Professor Lin Yinbang

Tongji University

Abstract

Given a strong full exceptional sequence of line bundles over a rational surface, we will discuss when a coherent sheaf admits a two-step resolution by these line bundles. We will also discuss some applications towards moduli problems. This is based on joint works with Thomas Goller.

Date:	May 21, 2024 (Tuesday)
Time:	4:00 - 5:30pm
Venue:	Rm 210, Run Run Shaw Bldg., HKU

All are welcome