



*Institute of Mathematical Research
Department of Mathematics*

COLLOQUIUM

Noether-Lefschetz theory for hypersurfaces in toric 3-folds

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Date: October 9, 2012 (Tuesday)

Time: 3:00 – 4:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

Abstract

We prove a sufficient criterion for a very general hypersurface in simplicial toric 3-fold to have the same Picard number as the ambient variety. We also give some preliminary results about the estimate of the codimension of the locus where the Picard number is bigger.

All are welcome