

Seminar 2023

Math

The Hasse principle for homogeneous polynomials
with random coefficients over thin sets

연기석 Purdue University

2023년 5월 26일(금) 16시-17시

장소: 과학관 225호

Abstract: In this talk, we introduce a framework via the circle method in order to confirm the Hasse principle for random projective hypersurfaces over \mathbb{Q} . We first give a motivation for developing this framework by providing an overall history of the problems of confirming the Hasse principle for projective hypersurfaces over \mathbb{Q} . Next, we provide a sketch of the proof of our main result and show a part of the estimates used in the proof.



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