

Tsing Hua Number Theory Seminar

講題 Local conditions connected with the Lang-Trotter Conjecture for primitive points

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時間 2023.6.9 (Fri.) 10:30 – 11:30

地點 Room 723, General Building III

Abstract

We shall review a project in collaboration with Peter Stevenhagen and Nathan Jones. Given an elliptic curve over a number field and a rational point of infinite order, it can happen, for some non obvious reasons, that the reduction of such a point modulo prime ideals is never a generator for the reduced group. We shall review several cases and attempt a classification of such phenomenon in the case of curves defined over the rationals.

歡迎參加，敬請張貼

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