

上智大学数学談話会のお知らせ

日時： 2014年4月25日（金曜）17:00-18:00

場所： 市ヶ谷本館201室

講演者： Fabien Trihan 氏 (上智大学)

講演題目： Geometric l -parity

アブストラクト：

We prove that the l -corank of the Selmer group of an abelian variety over a function field has same parity as its analytic rank and other applications. This conjecture has a number field analogue (still not proved in full generality) and is a part of the celebrated Birch and Swinnerton-Dyer conjecture concerning the strong relation between the analysis of Zeta functions and the arithmetic of elliptic curves.