

« GÉOMÉTRIE ALGÈBRE AFFINE. UN ATELIER EN L'HONNEUR DE PETER RUSSELL »
1–5 JUIN 2009

“AFFINE ALGEBRAIC GEOMETRY. A CONFERENCE IN HONOUR OF PETER RUSSELL”
JUNE 1–05, 2009

Curves on surfaces of log-general type

STEVEN SHIN-YI LU

Département de Mathématiques
UQAM
C.P. 8888, succ. Centre-ville
Montréal, QC H3C 3P8
CANADA

lu.steven@uqam.ca

Given a surface of log-general type of log-irregularity at least two, we show that there are only a finite number of non-hyperbolic curves in it. That is there are only a finite number of elliptic curves, rational curves and curves whose normalization is the affine line or the affine line with one puncture.