

PROGRAMME THÉMATIQUE  
« POINTS RATIONNELS, COURBES RATIONNELLES ET COURBES ENTIÈRES SUR LES VARIÉTÉS ALGÈBRIQUES »  
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THEMATIC PROGRAM  
“RATIONAL POINTS, RATIONAL CURVES AND ENTIRE HOLOMORPHIC CURVES ON ALGEBRAIC VARIETIES”  
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## Algebraic points of bounded height and Manin’s Conjecture

Cécile Le Rodulier \*

`cecile.lerudulier@univ-rennes1.fr`

URL : <http://perso.univ-rennes1.fr/cecile.lerudulier/>

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We are interested in the repartition of the algebraic points, of fixed degree and bounded height, of a smooth projective variety over a number field. In the case of rational points, a conjecture has been proposed by Manin and Batyrev, then precised by Peyre. I will explain how we can link our problem to the Manin’s Conjecture on an auxiliary variety and will study several particular cases. Some of them give new counterexamples to Manin’s Conjecture, but they will also show that, with a slightly modified statement, the conjecture is true after all.

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\*IRMAR, Université de Rennes 1, Campus de Beaulieu, Rennes Cedex, 35042, FRANCE.