

ALGEBRA AND NUMBER THEORY
SEMINAR

Integral points on pencils of homogeneous spaces

Jean-Louis Colliot-Thelene
University of Paris-Sud, Orsay

Abstract: In this seminar talk I shall first go into details of my work with Fei Xu on integral solutions of the diophantine equation $q(x, y, z) = P(t)$, where q is an indefinite integral ternary quadratic form and $P(t)$ is a polynomial with integral coefficients. I shall then explain the extent to which David Harari and I may currently extend the result to pencils of homogeneous spaces of linear algebraic groups.

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MATHEMATICS AND COMPUTER SCIENCE
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