

PROGRAMME THÉMATIQUE

« POINTS RATIONNELS, COURBES RATIONNELLES ET COURBES ENTIÈRES SUR LES VARIÉTÉS ALGÈBRIQUES »
3–28 JUIN, 2013

THEMATIC PROGRAM

“RATIONAL POINTS, RATIONAL CURVES AND ENTIRE HOLOMORPHIC CURVES ON ALGEBRAIC VARIETIES”
JUNE 3–28, 2013

Entire curves and rigidity in holomorphic dynamics

Nessim Sibony^{*}

nessim.sibony@math.u-psud.fr

www.math.u-psud.fr/~sibony/

Entire curves occur frequently in holomorphic dynamics as stable manifolds for automorphisms of compact Kähler manifolds, or as leaves of foliations by Riemann Surfaces. I will describe several instances of their rigidity : the Nevanlinna dd^c closed current associated to the curve is “fat”, independent of the curve and is determined by the dynamics. I will also discuss analogies between Nevanlinna’s theory and holomorphic dynamics.

The talk is based on Joint work with J.E. Fornæss and T.C. Dinh.

^{*}Département de mathématiques, Université Paris-Sud (Orsay), bâtiment 425, 91405 Orsay, FRANCE.