

Séminaire d'analyse

Département de mathématiques et de statistique
Université Laval

Conférencier: Matthew Barrett
Purdue University

Titre: Generalization of a theorem by Clunie
and Hayman

Date et heure: Le vendredi 14 octobre, 2011
de 10h30 à 11h20

Lieu: Pavillon Vachon 1613

Résumé: We consider holomorphic curves $f : \mathbb{C} \rightarrow \mathbb{P}^n$ which omit n hyperplanes in general position and prove that if the spherical derivative satisfies $\|f'\| = O(r^\sigma)$, then $T(r, f) = O(r^{\sigma+1})$, as $r \rightarrow \infty$. Clunie and Hayman proved this in 1966 for the case $n = 1$. This talk is based on joint work with Alexandre Eremenko.

Responsable: Javad Mashreghi



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