

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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On the algebraic degeneracy of entire curves

Junjiro Noguchi*

noguchi@ms.u-tokyo.ac.jp

<http://nogpc4.ms.u-tokyo.ac.jp/nog/>

I will discuss the algebraic degeneracy of entire curves $f : \mathbf{C} \rightarrow X$ into an algebraic variety with log-irregularity $\bar{q}(X) \geq \dim X$. In the case of $\bar{q}(X) > \dim X$ we have such degeneracy by Log-Bloch-Ochiai Theorem (N. '81). Thus the case of $\bar{q}(X) = \dim X$ is of interest. Working for S.M.T. for some normal complex space directly, We will prove a slight generalization of such degeneracy for an algebraic variety of log-general type due to Lu-Winkelmann by a different method.

*Grad. School of Mathematical Sci., The University of Tokyo, 3-8-1 Komaba, Meguro, Tokyo, 153-8914, JAPAN.