



[General Education\(Science\)](#) > ISHIDA Hirotaka

ISHIDA Hirotaka



Organization	General Education(Science)
Position	Associate Professor
Academic Title	Doctor(Science)
Research Fields	Algebraic Geometry

<< Research Subjects >>

- [1. The Existence of Certain Algebraic Curves on Rational surfaces](#)
- [2. The Invariants of triple coverings and its application for Singularities](#)
- [3. Studies on the Slope and the Relative Euler-Poincare Characteristic of fibrations of Algebraic Curves](#)

<< Academic Activities >>

Papers and Notes

- [1. H. Ishida:"Notes on certain surfaces of general type with a rational pencil", Symposium on Algebraic Geometry in Gifu, pp.41-55.](#)
- [2. H. Ishida:"On classes in the classification of curves on rational surfaces with respect to logarithmic plurigenera", Advanced Studies in Pure Mathematics](#)
- [3. H. Ishida:"A note on the slope of hyperelliptic fibrations", Geometry of Singularities and Manifold Yamagata 2012, pp.148-159](#)
- [4. H. Ishida:"An approach to the geography problem of hyperelliptic fibrations", The 9th Symposium on Algebraic curves, pp.11-21 \(2011\).](#)
- [5. H. Ishida : "The existence of hyperelliptic fibrations with slope four and high relative Euler-Poincaré characteristic", Proceedings of the American Mathematical Society 139, pp.1221-1235 \(2010\)](#)
- [6. H. Ishida, H. Tokunaga : "Triple covers of algebraic surfaces and a generalization of Zariski's example", Advanced Studies in Pure Mathematics 56, pp.169-185 \(2009\)](#)
- [7. H. Ishida : "A note on geography of hyperelliptic fibrations with slope four", the 4th Symposium on algebraic geometry, p. 10-15 \(2006\)](#)
- [8. H. Ishida : "Notes on the triple covering and its Galois cover", Symposium on algebraic geometry, pp. 87-95\(2006\)](#)
- [9. H. Ishida : "Catanese-Ciliberto surfaces of fiber genus three with unique singular fiber", Tohoku Mathematical Journal 58, pp.33-69 \(2006\)](#)
- [10. H. Ishida : "Bound of the relative Euler-Poincaré characteristic for certain hyperelliptic fibrations", Manuscripta Mathematica 118, pp.467-483 \(2005\)](#)

Presentations

- [1. H. Ishida:"Notes on certain surfaces of general type with a rational pencil", Symposium on Algebraic Geometry in Gifu 2013.8.8.](#)
- [2. H. Ishida:"On invariants for surfaces of general type with pencil of hyperelliptic curves", Symposium of Algebraic Geometry in Mori no Miyako, Tohoku Univ., 2013.2.14-15.](#)
- [3. H. Ishida:"Recent topics on fibered surfaces", Workshop on Algebraic surfaces at Akihabara, Tokyo Metropolitan Univ., 2012.10.13.](#)
- [4. H. Ishida:"A note on the slope of hyperelliptic fibrations", Geometry of Singularities and Manifold, Yamagata Univ., 2012.8.24-27](#)
- [5. H.Ishida : "A note on invariants of hyperelliptic fibrations", The 4-th Branched coverings, Degenerations and Related Topics, Hiroshima Univ., 2012.3.5-8](#)
- [6. H.Ishida : "Constructions of algebraic curves on rational surfaces", Seminar of Algebraic Geometry in Mejiro, 2011.12.27-28](#)
- [7. H.Ishida : "An approach to the geography problem of hyperelliptic fibrations", The 9th Symposium on Algebraic curves, Tokyo](#)

[Metropolitan Univ., 2011.12.10-11](#)

8. [H. Ishida : " Catanese-Ciliberto surfaces with only one singular fiber ", International Symposium on Recent Advances In Mathematics and its Applications \(Irama 2003\) Calcutta Mathematical Society, \(2003\)](#)