

Research Interest

algebraic geometry, birational geometry

Education

NUS (National University of Singapore)

PH.D. CANDIDATE IN MATHEMATICS

Singapore

Aug. 2018 - Now

ZJU (Zhejiang University)

B.S. IN MATHEMATICS AND APPLIED MATHEMATICS

Hangzhou, P. R. China

Aug. 2014 - Jun. 2018

- School of Mathematical Science, Chu Kochen Honors College
- Thesis: "Quadratic differentials on Riemann surfaces", Advisor: YU FEI

Honors & Awards

08/2018 - 07/2022	President's Graduate Scholarship , National University of Singapore	Singapore
2017	National Scholarship , Zhejiang University	P. R. China
2017	First-class Scholarship for Outstanding Merits , Zhejiang University	P. R. China
2017	First-class Scholarship for Elite Students in Basic Science , Zhejiang University	P. R. China
2016	First-class Scholarship for Elite Students in Basic Science , Zhejiang University	P. R. China

Publications & Preprints

PUBLICATIONS

Potential density of projective varieties having an int-amplified endomorphism *New York J. Math.* 28 (2022) 433–444
12 PAGES, WITH T. SHIBATA AND D.-Q. ZHANG 02/2022

PREPRINTS

Surjective endomorphisms of projective surfaces – the existence of infinitely many dense orbits *arXiv preprint*
26 PAGES, WITH J. XIE AND D.-Q. ZHANG 05/2020

Amplified endomorphisms of Fano fourfolds *arXiv preprint*
34 PAGES, WITH G. ZHONG 11/2020

Endomorphisms of quasi-projective varieties – towards Zariski dense orbit and Kawaguchi-Silverman conjectures *arXiv preprint*
35 PAGES, WITH T. SHIBATA, J. XIE AND D.-Q. ZHANG 04/2021

Equivariant Kähler model for Fujiki's class *arXiv preprint*
14 PAGES, WITH S. MENG 01/2022

Seminar Talks

Surjective Endomorphisms of Projective Surfaces

ALGEBRAIC DYNAMICS SEMINAR

KIAS

July 2020

Surjective Endomorphisms of Projective Surfaces

TOPOLOGY & GEOMETRY SEMINAR

NUS

October 2020

Surjective Endomorphisms of Affine and Projective Surfaces

SEMINAR OF ALGEBRAIC GEOMETERS IN EAST ASIA

AGEA

September 2021

Potential density of projective varieties

TOPOLOGY & GEOMETRY SEMINAR

NUS

January 2022

Teachings

Fall 2019, MA1421 Basic Applied Mathematics for Sciences, Dr. Zhi Han Lim, NUS, (Tutor)

Spring 2020, MA2104 Multivariable Calculus, Prof. Ser Peow Tan, NUS, (Tutor)

Fall 2020, MA1100 Basic Discrete Mathematics, Prof. Chee Whye Chin, NUS, (Tutor)

Skills

Software MatLab, Mathematica, LaTeX

Languages Chinese, English

Links

Sheng Meng, Doctor Research Fellow at Korea Institute for Advanced Study, South Korea

Junyi Xie, Doctor Chargé de recherche, IRMAR - Université de Rennes 1, France

Guolei Zhong, Doctor Postdoctoral Research Fellow at Center for Complex Geometry of Institute for Basic Science, South Korea

De-Qi Zhang, Professor Department of Mathematics, National University of Singapore, Singapore