

YANG ZHANG

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PROFILE

I'm currently a master student at Universität Bonn. My current interest is in algebraic geometry, in particular birational geometry and surface theory. I finished my bachelor thesis last semester, which focuses on the bounded negativity conjecture

EDUCATION

Mathematik, Bachelor of Science Universität Bonn	Fall 2020 - Spring 2023
Mathematics, Master of Science Universität Bonn	Spring 2023 - Present

WRITINGS

On the Bounded Negativity Conjecture

This is my bachelor thesis. I summarized some recent results concerning the bounded negativity conjecture, which is still open in characteristic 0 for now.

TEACHING

Tutor of Algebraic Geometry II Universität Bonn	Sommersemester 2023
Tutor of Algebraic Geometry I Universität Bonn	Wintersemester 2022/23
Tutor of Mathematik für Physiker(Mathematics for phycists) II Universität Bonn	Sommersemester 2022

SEMINAR TALKS

Chow Groups and Motives Universität Bonn	Wintersemester 2022-23
The content of my talk consists of introducing the intersection product on the chow ring of a variety, proof of the moving lemma and the projection formula, and the compatibility of intersection product and cup product.	
Klassische Algebraische Geometrie(Classical Algebraic Geometry) Universität Bonn	Wintersemester 2021-22
I gave a half part in each of two talks. The first talk is about defining product of projective spaces using Segre map. The second talk presents the classification of cubic curves on projective plane.	

DISTINCTIONS

IMC Maths 2022, Silver medal.
NOIP China 2018, first award.

EXTRAS

Language skills

Chinese (mother language), German (C1), English (fluent).

Accountant of student company AMBIX

Fall 2017 - Fall 2018

I was active in AMBIX, a student party focusing on organizing business imitation contest for middle school students in grade 9 to 12.