

# Shitan Xu – Résumé

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<b>Nationality</b>	Chinese		

## Education

**2019-NOW** MICHIGAN STATE UNIVERSITY, East Lansing, MI, U.S.

Advisor: Professor Rajesh Kulkarni.

**2015-2019** NANKAI UNIVERSITY, Nankai, Tianjin, China

B.S. in Mathematics, June 2019.

## Awards and Honors

- outstanding student leader, 2015
- outstanding student leader, 2016
- Second prize in China Undergraduate Mathematical Contest in Modeling(Final),2016
- Honorable Mention for MCM, 2017
- Province Scholarship, 2016
- Poling Scholarship, 2017
- Award for Excellence in Teaching, 2023
- Outstanding Scholar Fellowship,Natsci, Fall 2023
- Outstanding Scholar Fellowship,Natsci, Spring 2024
- Dr. William L.Harkness Endowed Fellowship, Spring 2024

## Conferences(Attended)

05/15-05/20,2022 / On the crossroads of algebra, geometry, and physics, Yale University, United States

06/19-06/23, 2023 / Conference on 100 years of Notherian Rings, IAS, United States

10/20-10/22, 2023 / FRG workshop on Brauer groups and derived categories, Northwestern University, United States

04/20-04/21, 2024 /Ramification in algebraic and Arithmetic Geometry), University of Wisconsin-Milwaukee, United States

## Conferences(Poster session)

10/07-10/08,2023 / MAGNTS 2023, University of Michigan, United States

Title:Stably rationality of Brauer-Severi surface bundle over rational 3-fold.

## Conferences(Speaker)

10/13-10/15, 2023 / Algebraic Geometry Northeastern Section (AGNES), University of Pennsylvania, United States  
Title:Stably rationality of Brauer-Severi surface bundle over rational 3-fold.

11/18,2023 / Michigan Algebraic Geometry Symposium (MAGS), Michigan State University, United States  
Title:Stably rationality of Brauer-Severi surface bundle over rational 3-fold.

## Teaching

Fall 2023 / TA for MTH818(Graduate-level algebra), run a recitation section and grader.

Spring 2023 / Teaching sessions for MTH103B (precalc).

Fall 2022/ Leader TA for MTH133(Calc 2). Grader for MTH310(undergraduate abstract algebra 1) and MTH411(undergraduate abstract algebra 1)

Summer 2022 / Teaching sessions for MTH124 (calc 1)

Spring 2022 / Grader for MTH819(Graduate-level algebra)

Fall 2021 / Grader for MTH818(Graduate-level algebra)

Summer 2021/ Teaching sessions for MTH102 (college algebra)

Fall 2020/ Teaching sessions for MTH116 (college algebra)

Summer 2020 /Teaching sessions for MTH234 (Calc 3)

## Preprints

2023/ Rationality of Brauer-Severi surface bundles over rational 3-folds