Santai Qu

CONTACT
INFORMATION

Email: santai.qu@stonybrook.edu

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EDUCATION

Stony Brook University August/2015 - May/2020 (Expected)
Ph.D. Candidate in pure Mathematics. Advisor: Jason Michael Starr;

University of Science and Technology of China
B.A., School of the Gifted Young, August/2010 - June/2014.

RESEARCH
INTERESTS

Algebraic Geometry.

PREPRINTS

Pseudo-Néron Model and Restriction of Sections II
Preprint, arXiv:1909.07562 (2019);

On Examples of Supersingular and Rationally Chain Connected Threefolds
Submitted, arXiv:1909.04184 (2019);

Pseudo-Néron Model and Restriction of Sections with an appendix by Jason Michael Starr
Submitted, arXiv:1812.00337 (2018).

INVITED TALKS

Mini-course on (pseudo-)Néron Models, Tongji University, July/29-August/03 2019;

Annual Recital Talks, Stony Brook University, March 2019;

Algebraic Geometry Seminar, University of Science and Technology of China, July 2017;

Graduate Student Seminar, Stony Brook University, May 2016.

AWARDS AND
FELLOWSHIPS

Summer Research Fund. Stony Brook University, 2016, 2017, 2018, 2019;

National Encouragement Scholarship. University of Science and Technology of China, 2011, 2012, 2013.

TEACHING
EXPERIENCE

Stony Brook University, 2015-present:

Instructor: Appied Algebra, Summer 2018; Caculus III with Applications, Summer 2017; Calculus I (Advanced), Summer 2016;

Teaching Assistant: Calculus A, Fall 2019; Caculus A, Spring 2019; Calculus A, Fall 2018; Applied Algebra, Spring 2018; Calculus I (Advanced), Fall 2017; Calculus B, Spring 2017; Mathematical Thinking, Spring 2016; Introduction to Calculus, Fall 2015.

Grader: Calculus B, Summer 2019; Applied Real Analysis, Summer 2019; Introduction to Linear Algebra, Spring 2018; Calculus C, Fall 2016.