Jiamin Li

Curriculum Vitae

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Education

2018–present	**PhD in Mathematics**, *University of Illinois at Chicago*, Chicago, IL. Advisor: Wenliang Zhang
2014 – 2017 :	**BSc (Hons) in Mathematical Sciences**, *Binghamton University*, Binghamton, NY.

Research Interest

- Commutative algebra and algebraic geometry.

Papers

- On the generalized multiplicities of maximal minors and sub-maximal pfaffians, arXiv:2205.09657, submitted
- Singularities of generic linkage via Frobenius powers, arXiv:2207.06380, submitted
- Socle degrees for local cohomology modules of thickenings of maximal minors and sub-maximal Pfaffians , with Michael Perlman, in preparation

Awards and Grants

Fall 2022	AMS Graduate student travel grant
2017	Award for Academic excellence of Mathematics at Binghamton University

Talks and Presentations

October 2022	"Special session of commutative algebra", AMS Sectional Meeting at University of Utah
October 2022	Commutative Algebra and Algebraic Geometry seminar, University of Minnesota
October 2022	KUMUNU 2022 Fall conference (poster), University of Nebraska–Lincoln
March 2022	"Recent developments in commutative algebra", AMS Sectional Meeting at Purdue University
March 2022	Commutative algebra seminar, University of Illinois at Chicago

Services

2021-2022	**Co-Organizer of Graduate number theory seminar**, UIC.

Teaching Experience

Fall 2018 :	**College Algebra**, UIC.
Spring 2019 :	**Linear Algebra for Business**, UIC.
Fall 2019 :	**Linear algebra for Business**, UIC.
Spring 2020 :	**Linear algebra for Business**, UIC.

Fall 2020 : **College Algebra**, UIC.

Fall 2021 : **Calculus I**, UIC.

Spring 2022 : **Calculus II**, UIC.

Grader

Fall, 2022 : **Applied linear algebra, Introduction to number theory**, UIC.

Spring, 2021 : **Linear algebra, Abstract Algebra** , UIC.

Computer Skills

LaTeX, Macaulay2, Sage, C, C++, Linux.

Last updated October 17, 2022