

Dapeng Mu

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Education

2013–present Ph.D., Mathematics, University of Utah
Supervisor: Aaron Bertram
2009–2013 B.Sc., Mathematics, Nankai University

Research Interest

My area of study is algebraic geometry, especially in derived categories of coherent sheaves, Bridgeland stability conditions and moduli spaces.

Work in Progress

New moduli spaces of one dimensional sheaves on \mathbb{P}^3 .

Conferences

- 2018 Western Algebraic Geometry Symposium, University of Oregon
- 2018 Yamabe Memorial Symposium: Moduli Spaces in Algebraic Geometry, University of Minnesota
- 2017 FRG workshop: moduli of sheaves and strange duality, PSU.
- 2017 Geometry of moduli spaces, UCSD.
- 2016 Higher dimensional algebraic geometry, U. of Utah.
- 2015 Western Algebraic Geometry Symposium, University of Washington.
- 2014 Western Algebraic Geometry Symposium, University of Idaho.

Teaching Experience

2018 Fall **Instructor:** Math 1310 - Engineering Calculus I
2018 Spring **Instructor:** Math 1210 - Calculus I
2017 Fall **Instructor:** Math 1210 - Calculus I
2017 Spring **Instructor:** Math 1090 - Business Algebra
2016 Fall **Instructor:** Math 1090 - Business Algebra
2016 Spring **Instructor:** Math 1030 - Introduction to Quantitative Reasoning
2015 **Teaching Assistant:** Math 1060 - Trigonometry
2014 **Teaching Assistant:** Math 1210 - Calculus I
2013 Fall **Teaching Assistant:** Math 1220 - Calculus II