

Jennifer Junqing Qian

Curriculum Vitae

Education

- 2014 - 2020 **PhD**, *Department of Mathematics*, University of Connecticut, CT, U.S..
(expected) Advisor: Damin Wu
- 2010 - 2014 **B.S. in Mathematics**, *School of Gifted Young*, University of Science and Technology of China, Hefei, China.

Awards and Fellowship

- 2018 **William H. Ezell Scholarship**, *University of Connecticut*.
- 2015 **Predoctoral Fellowship**, *University of Connecticut*.
- 2010 **Scholarship for Freshman**, *University of Science and Technology of China*.

Papers

- 1) **Hyperbolic Metric, Punctured Riemann Sphere and Modular Function**, *submitted*, arXiv:1901.06761 [math.DG].

Conferences and Talks

- Current Developments in Mathematics 2018
Harvard University *attended with financial support, Nov. 2018*
- Summer School in Minimal Surfaces, Flows, and Relativity
University of Connecticut *July 2018*
- Talk at S.I.G.M.A Seminar: Poncaré Hyperbolic Models, Punctured Riemann Sphere and Modular Functions
University of Connecticut *Spring 2018*

Teaching Experience

- Instructor Elementary Differential Equations *Spring/Fall 2019, UCONN, Storrs, CT*
Multi-Variable Calculus *Summer 2017, UCONN, Waterbury, CT*
- TA Multi-Variable Calculus *Spring/Fall 2017, Spring/Summer/Fall 2018, UCONN, Storrs, CT*
Calculus II *Fall 2016, UCONN, Storrs, CT*
Calculus I *Spring 2015, Fall 2015, Spring 2016, UCONN, Storrs, CT*

■ Seminar and Presentations

- Seminar: "Trace Formula and Weyl's Law"
learning seminar *Fall 2018*
- Multiple Presentations on "Hyperbolic metric on n th punctured Riemann sphere($n = 3, 4, 6$)"
working seminar *UCONN, Spring 2018, Fall 2017*
- Oral Exam: "Modular Function and Gauss Curvature"
Doctoral Oral Exam *Fall 2016*
- " $\Gamma(2)$ and Modular Function"
Geometry Reading Section *Spring 2015*
- Class Presentation: "An introduction to Zariski Topology"
Course: Intro to Geometry and Topology 2 *Spring 2015*
- Class Presentation: "Primary Decomposition in Noetherian Ring"
Course Commutative Algebra *Fall 2014*