Junming Zhang

junmingzhang@mail.nankai.edu.cn · www.llddeddym.site · Citizenship: China

Research interests

Higgs bundle, higher Teichmüller theory

Education

2022.09 – Present	**Chern Institute of Mathematics, Nankai University** – Tianjin, China Ph.D in Mathematics, Expected Summer 2027 Advisor: Qiongling Li.
2018.09 – 2022.06	**School of Mathematical Sciences, Nankai University** – Tianjin, China B.S. in Mathematics

Research

2024.06	**Non-maximal Anosov representations from surface groups to** $SO_0(2,3)$ *arXiv:2406.08118 (submitted).*
2023.09	**Compact relative** $SO_0(2,q)$**-character varieties of punctured spheres** joint with Yu Feng. *arXiv:2309.15553 (submitted).*

Undergraduate Research

2022.07	**Inequalities related to the S-divergence** joint with Lin Feng, Lei Li, Yuanming Zhang. *Note di Matematica, Vol. 42 (2022) no. 2, 1 – 6.*
2022.03	**A nontrivial point on the isogonal pivotal cubic with pivot on the circumcircle** joint with Junchen Du. *International Journal of Geometry, Vol. 11 (2022), No. 2, 60 - 66.*

Teaching experience

Spring 2024   **Teaching assistant, Introduction to Riemann Surface**
at Nankai University.

Fall 2021   **Teaching assistant, Introduction to Riemann Surface**
at Nankai University.

Invited Talks

2024.03   *Workshop on complex dynamic system and Teichmüller space at Nanjing University, March 30-31, 2024.*

2023.12   *Geometry & Topology Seminar at University of Science and Technology of China, December 11, 2023*

2023.12   *Seminar at South China University of Technology (online), December 07, 2023*

Awards

2023.10   Gongneng Scholarship 2022-2023, First Prize (Nankai University)

2023.04   Wukong Scholarship 2022 (School of Mathematical Sciences, Nankai University)

2022.11   Graduate Freshmen Scholarship 2022 (Chern Institute of Mathematics, Nankai University)