

Lin, Wangyang(林汪炆)

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Address: Fudan University, 220 Handan Road, Yangpu District, Shanghai, China, 200433

Research interests

Geometry and Topology

Topology on complex manifolds, characteristic classes, matroid theory, tropical geometry

Education

Fudan University

Shanghai, China

PhD in Mathematics

Sept. 2023 – Present

Advisor: Professors Ping Li *GPA: 3.72/4.0*

Tongji University

Shanghai, China

BA in Mathematics and Applied Mathematics

Sept. 2018 – Jun. 2023

Advisor: Assistant Professor Zelin Yi *GPA: 4.78/5.0*

Thesis: Schur polynomials, Young tableaux and the cohomology of Grassmannian

Honors

China National Scholarship (Ministry of Education of China) 2020

Publications

Explicit formulas for the Hattori-Stong theorem and applications

Ping Li, Wangyang Lin.

Algebraic & Geometric Topology 26 (2026) 735–750

Exchange experience

Peking University(BICMR)

Beijing, China

Enhanced Program for Graduate Study,

Spring, 2023

Teaching experience

Teaching assistant, Fudan University

Fall 2025

MATH20019: Elements of Geometry and Topology

Lecture on fundamental groups, covering spaces and differential geometry of curves and surfaces

Teaching assistant, Fudan University

Fall 2024

MATH130113: Elements of Geometry and Topology

Lecture on fundamental groups, covering spaces and differential geometry of curves and surfaces

Teaching assistant, Fudan University

Fall 2023

MATH120005: Advanced Mathematics C(I)

Lecture on calculus for medical students