

Lin, Wangyang(林汪炀)

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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, Kähler package

Education

Fudan University

PhD in Mathematics

Shanghai, China

Sept. 2023 – Present

Advisor: Professors Ping Li GPA: 3.7/4.0

Tongji University

BA in Mathematics and Applied Mathematics

Shanghai, China

Advisor: Assistant Professor Zelin Yi GPA: 4.78/5.0

Sept. 2019 – Jun. 2023

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

Tongji University

Civil Engineering

Shanghai, China

Sept. 2018 – Aug. 2019

Honors

China National Scholarship (Ministry of Education of China)

2020

Publications

Explicit formulas for the Hattori-Stong theorem and applications

Ping Li, Wangyang Lin.

to appear in Algebraic & Geometric Topology

Exchange experience

Peking University(BICMR)

Enhanced Program for Graduate Study,

Beijing, China

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