

# Lin, Wangyang(林汪炀)

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

## Research interests

Topology on complex manifolds, theory of characteristic classes, combinatorics in topology and algebraic geometry

## Education

**Fudan University** Shanghai, China  
PhD in Mathematics Sept. 2023 – Present  
Advisor: Professors Ping Li GPA: 3.7/4.0

**Tongji University** Shanghai, China  
BA in Mathematics and Applied Mathematics Sept. 2019 – Jun. 2023  
Advisor: Assistant Professor Zelin Yi GPA: 4.79/5.0  
Thesis: Schur polynomials, Young tableaux and the cohomology of Grassmannian

**Tongji University** Shanghai, China  
Civil Engineering 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)** Beijing, China  
Enhanced Program for Graduate Study, Spring, 2023

## Teaching experience

**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

## Skills

### **Programming**

Familiar with: Python, MATLAB.

### **Languages**

Chinese, English