

Yifan Wu

Tel: 18320931251

Email: 12131236@mail.sustech.edu.cn

Website: <https://wuyf19970105.github.io/>

Education

Southern University of Science and Technology, Shenzhen, China

Ph. D. in Mathematics, Advisor: Yifei Zhu, September 2021 - June 2025 (expected),

Southern University of Science and Technology, Shenzhen, China

M.S. in Mathematics, September 2019 - June 2021

Southern University of Science and Technology, Shenzhen, China

B.S. in Mathematics, September 2015 - June 2019

Teaching

Grader for Algebraic Topology (M8021), SUSTech, Spring 2024.

Teaching Assistant for Mathematical Analysis (MA213-16), SUSTech, Fall 2023.

Teaching Assistant for Linear Algebra (MA113), SUSTech, Fall 2022.

Grader for Differential Manifolds (MAT8024), SUSTech, Fall 2021.

Seminar

1. Jun 17, 2024, **Transchromatic Generalized Characters**, Graduated topology seminar at SUSTech.
2. Apr 09, 2024, **Pipe Rings and Pipe Formal Groups**, Graduated topology seminar at SUSTech.
3. Nov 16, 2023, **Modular Interpretations of Hecke Operators**, Graduated topology seminar at SUSTech.
4. Oct 17, 2023, **Dyer Lashof Theory and Algebras**, Graduated topology seminar at SUSTech.
5. Sep 29, 2023, **Review of Modular Forms and Introduction to Modular Curves**, Graduated topology seminar at SUSTech.
6. Sep 27, 2022, **Introduction to Cobordism and Thom Spectra**, Graduated topology seminar at SUSTech.
7. Jan 12, 2021, **Persistent Homology in Time Series Analysis and its Application to Wheeze Detection**, Applied and computational topology seminar at SUSTech.

Conference

1. Sep 8, 2024, **$K(1)$ -Localized Morava E-Theory and p-Adic Galois Representations** (short talk), Workshop on Computer-assisted Research in Geometry and Topology, Tianyuan Mathematics Research Center, Kunming, China.