

Chuhan Sun

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and

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Research Interests

I am interested in the weighted norm inequality of the fractional integral operator.

Publications and Preprints

- **On the end-point of Stein-Weiss inequality**

joint with Z. Wang, arXiv:2412.19528.

- **Multi-parameter fractional integration on Heisenberg group**

joint with Z. Wang, arXiv:2510.13411.

- **Stein-Weiss inequality revisit on Heisenberg group**

joint with Z. Wang, arXiv:2511.00845.

Education

Ph.D. in Mathematics

Zhejiang University and Westlake University, China

2020-Present

B.S. in Mathematics

Jilin University, China

2016-2020

Teaching Experience

Linear Algebra, Teaching Assistant,

August 2024–January 2025

Complex Analysis, Teaching Assistant,

February 2025–June 2025