

XILUN LI

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Research Interests

Riemannian Geometry, Generalized Ricci Flow, Metric Geometry

Education

Peking University

Ph.D. in Mathematics, School of Mathematical Sciences

Sep. 2021 – Present

Beijing, China

University of Science and Technology of China

B.S. in Mathematics, School of the Gifted Young

Sep. 2017 – July 2021

Hefei, China

Publications and Preprints

- Xilun Li, **Entropy and Heat Kernel on Generalized Ricci Flow**, *J Geom Anal* 34, 42 (2024). [arXiv:2212.05414](https://arxiv.org/abs/2212.05414), (2022).
- Xilun Li, Yanan Ye, **On the Shrinking Solitons of Generalized Ricci Flow**, [arXiv:2404.06141](https://arxiv.org/abs/2404.06141), (2024).
- Xilun Li, Yanan Ye, Shengxuan Zhou, **New Exotic Examples of Ricci Limit Spaces**, [arXiv:2404.15054](https://arxiv.org/abs/2404.15054), (2024).

Talks

Ph.D. Students Conference

Entropy and Heat Kernel on Generalized Ricci Flow

October 2023

Peking University

Differential Geometry Seminar

On the Class VII surfaces

March 2024

Westlake University

Differential Geometry Forum

Examples of Ricci limit spaces with special tangent cones

June 2024

National Univ. of Defense Technology