Xilun Li

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Research Interests

Riemannian Geometry, Generalized Ricci Flow, Metric Geometry

Education

Peking University   **Sep. 2021 – Present**
Ph.D. in Mathematics, School of Mathematical Sciences   *Beijing, China*

University of Science and Technology of China   **Sep. 2017 – July 2021**
B.S. in Mathematics, School of the Gifted Young   *Hefei, China*

Publications and Preprints

- Xilun Li, **Entropy and Heat Kernel on Generalized Ricci Flow**, *J Geom Anal* 34, 42 (2024). arXiv:2212.05414, (2022).

- Xilun Li, Yanan Ye, **On the Shrinking Solitons of Generalized Ricci Flow**, arXiv:2404.06141, (2024).

- Xilun Li, Shengxuan Zhou, **New Exotic Examples of Ricci Limit Spaces**, arXiv:2404.15054, (2024).

- Xilun Li, Yanan Ye, **Non-negativity of curvature along generalized Ricci flow**, (2024).

Talks

Ph.D. Students Conference   **October 2023**
Entropy and Heat Kernel on Generalized Ricci Flow   *Peking University*

Differential Geometry Seminar   **March 2024**
On the Class VII surfaces   *Westlake University*

Differential Geometry Forum   **June 2024**
Examples of Ricci limit spaces with special tangent cones   *National Univ. of Defense Technology*