

Lin Genglong, Postdoc.

✉ lingenglong@amss.ac.cn

🌐 Beijing Institute of Mathematical Sciences and Applications, China



Research Interest

Several Complex Variables, Complex Monge-Ampère equation, Geometric Analysis

Education

- 2021 – 2014 📖 **Ph.D. Academy of Mathematics and Systems Science, CAS**, Pure Mathematics.
Supervisor: *Xiangyu Zhou*
- 2018 – 2021 📖 **M.Sc. Capital Normal University**, Pure Mathematics.

Research Publications

Journal Articles

- 1 G. Lin, “On the finite energy range of m-hessian operator,” *Potential Analysis*, 2025.
- 2 G. Lin, “Solution to hessian type equations with prescribed singularity on compact Kahler manifold,” *Journal of Mathematical Analysis and Applications*, 2024.

Preprint

- 1 G. Lin, “Degenerate quaternionic monge-ampère equations in weighted energy classes.” 🔗 DOI: [arxiv:2504.19619](https://arxiv.org/abs/2504.19619).
- 2 G. Lin, “The twisted constant in calabi-yau type equation.” 🔗 DOI: [arxiv:2506.09639](https://arxiv.org/abs/2506.09639).
- 3 Y. Li, G. Lin and X. Zhou, “Monge-ampère equations on compact hermitian manifolds.” 🔗 DOI: [arxiv:2311.14958v3](https://arxiv.org/abs/2311.14958v3).

Skills

- Languages 📖 English, Mandarin and Teochew
- Hobbies 📖 Hiking, gym and Marathon