

Genglong Lin

📅 1995-01

✉️ lingenglong@amss.ac.cn

☎️ 13249145569

🌐 Academy of Mathematics and Systems Science, CAS, 55 Zhongguancun East Road,
Haidian District, Beijing

📖 Complex Analysis and complex geometry, Complex Monge-Ampère equation



Education

2021 – 2024 📖 **Ph. D, Academy of Mathematics and Systems Science, CAS**, Pure Mathematics
Supervisor: Prof. Xiangyu Zhou

2018 – 2021 📖 **M. S., Capital Normal University**, Pure Mathematics
Supervisor: Prof. Liyou Zhang

Publications

Journal Articles

- 1 **Genglong Lin**. (n.d.[a]). Note on the finite energy range of m -hessian operator. *Journal of Geometric Analysis*(Under Review).
- 2 **Genglong Lin**. (n.d.[b]). Solution to Hessian type equations with prescribed singularity on compact Kahler manifold. *Journal of Mathematical Analysis and Applications*.
🔗 doi:<https://doi.org/10.1016/j.jmaa.2024.128385>
- 3 **Genglong Lin**, Li, Y., & Xiangyu, Z. (n.d.). Monge-Ampère equations on compact Hermitian manifolds. *To be submitted*. 🔗 doi:[arXiv:2311.14958v3](https://arxiv.org/abs/2311.14958v3)


Experience

2024.01-2024.01 📖 **Academic Visitor**. Invited by Professor Nikolay Shcherbina. Also gave a talk about my work listed above at Wuppertal University.

Awards


- 2019 📖 National Scholarship for Graduate Students (Obtained as the only place within the profession).
- 2018-2021 📖 First and Second Class Scholarships at School Level.
- 2013-2017 📖 Second Class Scholarships at School Level.

Skills

Social skill  English, Mandarin and my local dialect.

Sports  Outdoor trail, marathon, gym.

Self-evaluation

-  My research interests focus on Complex Analysis with several variables and Complex Geometry. I am trying to understand the geometry such as the existence of Kahler-Einstein metric /canonical metric, using the method of differential equations. Recently I am also interested in CR Geometry, especially Sasaki geometry. Until now I have remained open to different areas and knowledge of maths.