Xujun Zhang

I received my Ph.D. from Mathematics Sciences
University of Chinese Academy of Sciences
School of Mathematical Sciences
Beijing, P.R.China

Phone: +861326022599
Email: xujunzhang@amss.ac.cn

Personal

Date of Birth: May 9th, 1994.

Place of Birth: Xinjiang Province, P. R. China

Working

2022.7- , Postdoc Fellow, Institute of Mathematics, Academy of Mathematics and Systems Science, Chinese Academy of Sciences, Beijing, 100190, P. R. China. Advisor: Xiangyu Zhou.

Education

2019.8-2022.7, Ph.D., School of Mathematics Sciences, University of Chinese Academy of Sciences. Specialty: Several Complex Variables and Complex Geometry. Advisor: Fusheng Deng.

2016.8-2019.7, M.S., School of Mathematics Sciences, University of Chinese Academy of Sciences. Specialty: Several Complex Variables and Complex Geometry. Advisor: Fusheng Deng.

2012.9-2016.7, B.S., University of Shanghai for Science and Technology

Teaching

2019.09-2020.01, Teaching Assistant, Calculus-B, University of Chinese Academy of Sciences, Campus at Yuquan Road, Room 420.

2020.01-2020.07, Teaching Assistant, Calculus-B, University of Chinese Academy of Sciences, Online Teaching.

2022.09-2023.01, Teaching Assistant, Algebra-A, University of Chinese Academy of Sciences, Campus at Yuquan Road, Room 604.

2023.03-2023.07, Teaching Assistant, Algebra-A, University of Chinese Academy of Sciences, Campus at Yuquan Road, Room 405.

Publication

1 Fusheng Deng, Xujun Zhang, Characterizations of Curvature positivity of Riemannian vector bundles and convexity or pesudoconvexity of bounded domains in $\mathbb{R}^n$ or $\mathbb{C}^n$ in terms of L^2-estimate of d of $\bar{\partial}$ equation, Journal of Functional Analysis, 281 (2021), 109184.

2 Xujun Zhang, Positivity of Riemannian Metric and the Existence Theorem of L^2 Estimates for d Operator. Journal of Geometric Analysis, 33, 266 (2023).

3 Fusheng Deng, Xujun Zhang, Fridmans Invariant, Squeezing Functions, and Exhausting Domains, Acta Mathematica Sinica, English Series, October 2019, Volume 35, Issue 10.

4 Zhuo Liu, Xujun Zhang, A new characterization of L^2-domains of holomorphy with null thin complements via L^2-optimal conditions, Journal of Geometric Analysis, 33, 266 (2024).

Last updated: August 14, 2024