

Guorui Xu

Personal Information	Université Sorbonne Paris Nord LAGA, Institut Galilée Villetaneuse, 93430, France	<i>Birth:</i> 28.12.2002, China <i>E-mail:</i> gr.xu@hotmail.com <i>Website:</i> https://guoruixu.github.io/
Interests	The intersection between geometry, representation theory and mathematical physics. Especially now for meromorphic connections, quiver representations and some dynamic properties on Painlevé VI equations.	
Education	Université Sorbonne Paris Nord M1 in Mathematics (18.45 in S1, mention <i>très bien</i>)	Sep 2024-
	BICMR , Peking Program for Graduate Study, in Peking University	Feb 2024-Jun 2024
	Shandong University The School of Mathematics (graduation with honor)	Sep 2021-Dec 2023
	Shandong University The School of Control Science and Engineering	Sep 2020-Jun 2021
Academic Experience	Number theory and harmonic analysis About using decoupling techniques on p-adic field to give an asymptotic estimate for solutions of certain diophantine equations. Advisor: <i>Prof. Xianchang Meng</i> , Apr 2022 - Apr 2023	
Seminar	Quantum group <i>Organizer: Xiaomeng Xu</i> , Spring 2024 Birch-Goldbach Problem <i>Organizer: Sizhe Xie</i> , Sep 2023 Fourier restriction and decoupling <i>Organizer: Guorui Xu</i> , Spring 2023 Lie algebras and linear algebraic groups <i>Organizer: Ziwei Wei</i> , Fall 2022	
Visiting	TMSCS Summer school on Geometry and Topology , Jul 2023 TMSE short course in Mordell-Weil, June 2023	
Awards	Academic Scholarship in 2022	
Languages	Chinese(Naive), French(DELF B1), English(IELTS 6.5)	
Software	Matlab, SPSS, python, C	