Chunhui Wei - Resume
24th October 2025

Born:	3rd February 2004
Status:	Master Student at Unimelb
Fields:	mathematics
Tools:	Overleaf: LaTeX; VS code: python; Mathematica
Languages:	Chinese: Native, English: C2
Contact:	School of Mathematics and Statistics
	The University of Melbourne
	Parkville, VIC, 3010, Australia
	+61 0419519841
	chunhuiw2@student.unimelb.edu.au

Professional experience

2023

Research Assistant 📍 *Hefei, China*
CAS Wu Wen-Tsun Key Laboratory of Mathematics
School of Mathematical Sciences, USTC
Cooperation with Professor Bin Xu on the study of Toda systems with regular singularities on complex manifolds

Education

2019-2023

Bachelor's Degree 📍 *Hefei, China*
University of Science and Technology of China, School of Gifted Young
Bachelor of Science, mathematics and applied mathematics
Bachelor's Thesis: Reduced solutions of the SU-Toda system
advisor: Associate Prof. Bin Xu

2024-2025

Master's Degree 📍 *Melbourne, Australia*
University of Melbourne, School of Mathematics and Statistics
Master of Science (Mathematics and Statistics),
Master's Thesis: Remarks on Semi-topological Quillen-Lichtenbaum Conjecture
supervisor: Prof. Christian Haesemeyer
In process

Research experience

2022-2023

The College Student Research Program 📍 *Hefei, China*
University of Science and Technology of China
Participated under the Direction of Associate Professor Bin Xu
Study the reduced solutions of the SU-Toda system

2020-2022

National Innovation and Entrepreneurship Training Program 📍 *Hefei, China*
University of Science and Technology of China
Participated as a team member under the guidance of Associate Professor Bin Xu
Study the SU-Toda system with singularities on Riemann sphere

2024-2025	**Research Project**	$\mathbf{\Omega}$ *Melbourne, Australia*
	University of Melbourne	

Participated under the Direction of Professor Christian Haesemeyer
Study the topological K-theory of complex non-commutative space

Publications

2025	**Solution to SU**$(n+1)$ **Toda system generated by spherical metrics** Yiqian Shi, Chunhui
Accepted	Wei, and Bin Xu. Journal of Functional Analysis, Volume 290, Issue 1

IT skills

Softwares	Overleaf: Advanced
	VS code: advanced
	Chatgpt: Advanced
	Matlab: Intermediate
	Mathematica: Advanced
Programming	Python: Intermediate
	HTML: Beginner
	C:Intermediate
	R: Intermediate
Office	Microsoft office tools: Advanced
	LaTeX: Advanced