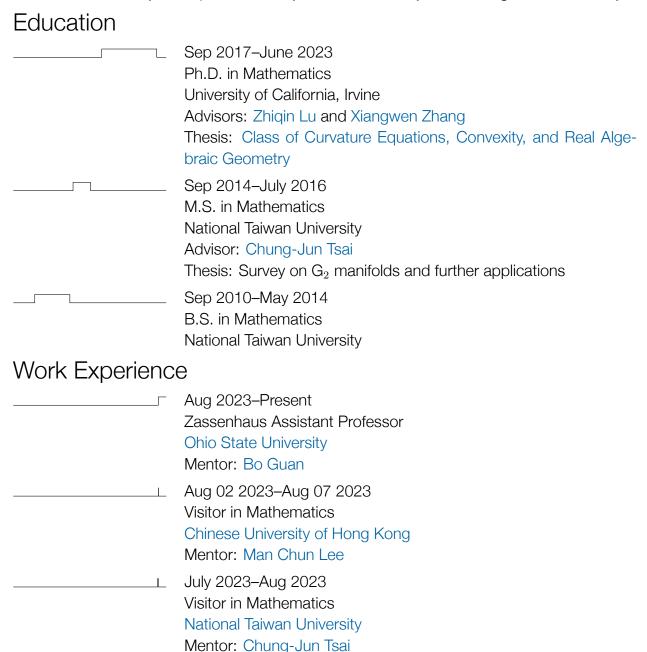
Chao-Ming LIN

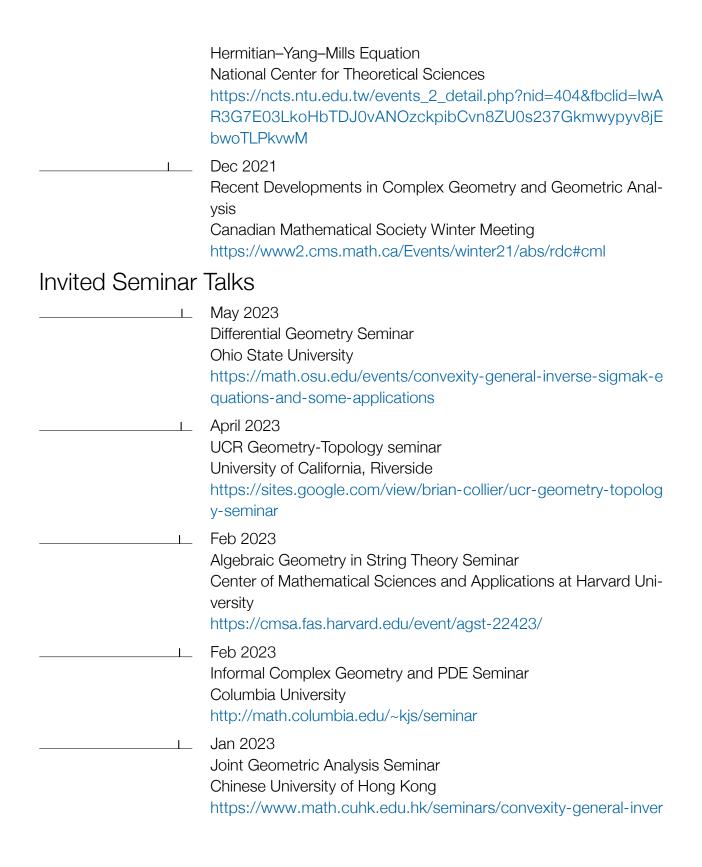
https://chaominl.github.io mailto:lin.4579@osu.edu tel:+1 949-466-2130

Interests

Differential Geometry / Complex Geometry / Geometric Analysis / Real Algebraic Geometry.



	Nov 2022–Dec 2022, Dec 2020–April 2021 Visitor in Mathematics
	National Center for Theoretical Sciences Mentor: Chung-Jun Tsai
	Aug 2016-June 2017
	R.A. in Mathematics
	National Center for Theoretical Sciences Mentor: Chung-Jun Tsai
Papers	Worker. Chang can real
	Sep 2022
	On the Convexity of General Inverse σ_k Equations
	Journal of Functional Analysis, 2023
	https://arxiv.org/abs/2209.11370
	Jan 2022
	The deformed Hermitian-Yang-Mills Equation, the Positivstellensatz, and the Solvability
	Advances in Mathematics, accepted (2023)
	https://arxiv.org/abs/2201.01438
	Dec 2020
	Deformed Hermitian-Yang-Mills equation on Compact Hermitian
	Manifolds (2000)
	Mathematical Research Letters, accepted (2022) https://arxiv.org/abs/2012.00487
Conference Talk	KS .
	May 2024
	Recent Advances in Differential Geometry
	American Mathematical Society Spring Western Sectional Meeting https://www.ams.org/meetings/sectional/2299_program.html
	Dec 2023
	Geometric Analysis Session
	Canadian Mathematical Society Winter Meeting
	https://www.winter23.cms.math.ca
	Jul 2023
	Recent Progress in special Lagrangian Equations and deformed



	se-k-equations-and-some-applications		
ı	Apr 2022		
	The Mathematics Colloquium at Rutgers-Newark		
	Rutgers University		
	https://sites.rutgers.edu/chen-wan/colloquium/		
1	Mar 2022		
<u> </u>	Geometric Analysis Seminar		
	Beijing International Center for Mathematical Research		
	https://bicmr.pku.edu.cn/content/show/43-2663.html		
	https://www.math.pku.edu.cn/teachers/jianchunchu/seminar.html		
	Feb 2022		
	Geometry and Topology Seminar		
	McMaster University		
	https://www.math.mcmaster.ca/news-events/events/g-1-4r0bt91		
	98d8j7q501kob4lbt5v_202202032030.html		
	Oct 2021		
	Differential Geometry Seminar		
	University of California, Irvine		
	https://www.math.uci.edu/node/37181		
	Dec 2022, Nov 2022, Mar 2021, Dec 2018, Apr 2017		
	NCTS Differential Geometry Seminar		
	National Center for Theoretical Sciences		
	https://ncts.ntu.edu.tw/events_1_detail.php?nid=2389		
	https://ncts.ntu.edu.tw/events_1_detail.php?nid=2367		
	https://ncts.ntu.edu.tw/events_1_detail.php?nid=1917		
	https://www.math.sinica.edu.tw/www/seminar/abstract_view.jsp		
	?seminar_id=2689 https://140.112.36.108/events_1_detail.php?nid=889		
	Apr 2021, Dec 2020 NCTS Postdoc Seminar on Differential Geometry		
	National Center for Theoretical Sciences		
Tooching Evnor			
Teaching Experience			
	Lecturer		
	Autumn 2023		

	Math 1131 Calculus for Business	
	Summer II 2022	
	Math 3A Introduction to Linear Algebra	
	Teaching Assistant	
L	Spring 2023 Math 2A Calculus	
	Winter 2019, Summer II 2018 Math 2B Calculus	
	Summer I 2021, Fall 2019 Math 3A Introduction to Linear Algebra	
	Winter 2020, Summer I 2020, Summer I 2019, Spring 2019, and Fall 2018 Math 3D Elementary Differential Equations	
	Spring 2022, Fall 2021 Math 5A Calculus for Life Sciences	
	Fall 2020 Math 5B BioCalculus	
	Fall 2020, Fall 2019 Math 118 Theory of Differential Equations	
	Winter 2022, Spring 2021, Winter 2021 Math 134B Financial Derivatives	
	Spring 2023, Spring 2021 Math 134C Financial Models	
	Summer I 2022, Summer I 2020 Math 175 Combinatorics	
L	Spring 2020 Math 205C Introduction to Graduate Analysis	
Honors and Awards		
	Spring 2021 Von Neumann Outstanding Performance as a Graduate Student Award	

	Spring 2016 Phi Tau Phi Scholastic Honor
	Fall 2015 Excellent TA Award Tsai Wang-Lin Scholarship Hu Dun-Fu Scholarship
	Fall 2011 High GPA Award Li Bung-Fung Scholarship
Misc Experience	9
	June 2018–April 2023 Treasurer of Taiwanese Graduate Student Association University of California, Irvine

Last updated: September 16, 2023.