WEITONG WANG

PERSONAL INFORMATION

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2022 - Present	Postdoc, SHING-TUNG YAU CENTER OF SOUTHEAST UNIVERSITY – Nanjing

Postdoc

Working with my advisor Yi Li and other people in the center, I am trying to continue working on problems of the Cohen-Lenstra-Martinet Heuristics as well as learning their impacts towards other subjects in mathematics.

Shing-Tung Yau Center of Southeast University: Located in Xuanwu district of Nanjing, China, the Shing-Tung Yau Center of Southeast Universtiy (SEU-Yau Center) is a research-oriented institute hosted by Southeast University. The SEU-Yau Center focuses on the full spectrum of mathematical sciences, including pure mathematics, applied mathematics, mathematical physics, computational mathematics, statistics, data sciences, etc. Professor Shing-Tung Yau is the director of the center.

Reference: https://yauc.seu.edu.cn

EDUCATION

2020-2022	Harvard University, Department of Mathematics

Exchange student in Mathematics

Department of Mathematics
Description: IvyPlus Exchange Scholar Program.
Advisor: Prof. Melanie WOOD

2019-2022	University of California at Berkeley, Department of Mathematics

P.h.D in Mathematics

Department of Mathematics
Description: Mainly interested in Number Theory. Working with Professor Melanie Wood on arithmetic statistics.
Advisor: Prof. Melanie WOOD

2016-2019	University of Wisconsin-Madison, Department of Mathematics

Graduate student in Mathematics

Department of Mathematics
Description: Mainly interested in Number Theory. Worked with Professor Melanie Wood on the study of distribution of class groups of number fields.
Advisor: Prof. Melanie WOOD

2015-2016	University of Wisconsin-Madison, Department of Mathematics

Master of Arts in Mathematics-Foundations of Advanced Studies

GPA: 3.56 · Department of Mathematics
Description: This program is designed to pepare students for competitive Ph.D level graduate programs and enhance their chances for entrance to high quality graduate schools.
Advisors: Prof. Shi JIN & Asst. Prof. Saverio SPAGNOLIE

2011-2015	Nanjing University, Department of Mathematics

Bachelor of Science, Mathematics and Applied Mathematics

GPA: 83.78/100 · *Mathematics and Applied Mathematics* · Department of

Mathematics
Description: This degree focused more on pure mathematics according to the courses offered.

Bachelor Thesis   CHARACTER TABLES AND FROBENIUS-SCHUR INDICATORS OF S_4 AND $\mathbb{Z}_4$
Compute the character tables and Frobenius-Schur indicators of the symmetric group of order 4 and the cyclic group of order 4.
Advisor: Gongxiang LIU · gxliu@nju.edu.cn

PUBLICATIONS

2021   W. Wang, M. Wood. Moments and interpretations of the Cohen-Lenstra-Martinet heuristics, *Commentarii Mathematici Helvetici* (2021) vol. 96 no.2, 339-387.

CONFERENCES AND SEMINARS

August 2021   Arithmetic Statistics Seminar at Harvard University

July 2021   Workshop on Arithmetic Statistics Problems, Online Conference

TEACHING

2021 Fall   Harvard University
Teaching Fellow   Math 21a Multivarialbe Calculus

2021 Spring   Harvard University
Teaching Fellow   Instructor of a section of Math 21a Multivarialbe Calculus

2020 Fall   Harvard University
Coach   Coach of Math 21a Multivarialbe Calculus

2020 Spring   University of California at Berkeley
Graduate Student Instructor   Teaching assistant of a discussion session of Math 53 Multivarialbe Calculus

AWARDS

2018-2019   Henry Schaerf Mathematics Graduate Award
Award Winner   University of Wisconsin Madison

2014   The Mathematical Contest in Modeling
Meritorious Winner   With Yaodong Yu and Lu Zhang

Nanjing University   People's Scholarship
Second Prize   2015

Second Prize	2013

COMPUTER SKILLS

Basic	C++
Intermediate	LaTeX

OTHERS

Speak Test	50
Interests	Cooking · Swimming · Work Out

October 25, 2022