

Guangqiu Liang

PERSONAL INFORMATION

Email guangqiu.liang@emory.edu
Nationality China
Website <http://www.math.emory.edu/~gliang7/>
Address 1659 Briarcliff Rd. Atlanta, GA

EDUCATION

Emory University, Atlanta Since 2021.8
Ph.D. in Mathematics
Advisor: Prof. David Borthwick

University of Washington, Seattle 2017.9-2021.3
B.S. in Mathematics, Departmental Honor
Honors Thesis: Geometric Properties of Sets in Euclidean Space
Advisor: Prof. Tatiana Toro

OUTREACH/WORKING EXPERIENCE

Instructor/Helper Since 2021.9
Emory Math Circle, Atlanta

Head Teaching Assistant/Counselor 2020.7-2020.8
SIMUW, Online, Full-time

Instructor 2019.9-2021.4
UW Math Circle, Seattle

Teaching Assistant/Counselor 2019.6-2019.8
SIMUW, Seattle, Full-time

Field Coordinator 2018.9-2021.3
UW transportation service, Seattle, Part-time

AWARDS

- Academics*
- UW Ernie Esser Undergraduate Scholarship (2019)
 - Annual Dean's List, College of Science (2017-2019)
- Go*
- 2nd place in 2020 Pandanet Northern American City League, tournament, B league (2020)
 - 1st place in the open section of the Jin Chen tournament, Seattle Go Center (2019)
 - 3rd place in 2019 Pandanet Northern American City League tournament, B league (2019)

TEACHING

- Emory*
- Instructor for Math 111: Calculus I (Fall 2023)
 - TA for Math 210: Advanced Calculus for Data Science (Spring 2023)
 - Directed Reading: Fourier Analysis (Fall 2022)
 - TA for Math 275: Honors Linear Algebra (Fall 2022)
 - TA for Math 210: Advanced Calculus for Data Science (Fall 2022)
 - Grader for Math 361: Mathematical Statistics (Spring 2022)
 - Grader for Math 346: Linear Optimization (Fall 2021)

TALKS

- Toronto*
- Emory*
- Introduction to Microlocal analysis (2023.1)
 - Microlocal Methods in Hyperbolic Dynamics (2023.9)
 - Harmonic Analysis on Cosphere Bundle (2022.2)
 - Hamiltonian System and Spectral Inverse Problem (2022.2)

CONFERENCE

- Online*
- Online*
- Chapel Hill*
- Paris*
- Oberwolfach*
- Arizona Winter School (1/25-5/1, 2021)
 - Global Harmonic Analysis (9/8-9/11, 2022)
 - UNC PDE Mini-School (3/24-3/26, 2023)
 - IMJ-PRJ Summer School 2023 (7/2-7/8, 2023)
 - Oberwolfach Seminar: Scattering Resonances (11/19-11/24, 2023)

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