

TRUNG-NGHIA NGUYEN

227 Nguyen Van Cu Street, Ward 4, District 5, HCMC
Mobile: (+84) 869 217 215

Email: ntrnghia99@gmail.com
Website: tnghia.com

EDUCATION

B.S. (Honors) in Mathematics, VNUHCM-University of Science Aug. 2017 – Oct. 2021

- Graduated summa cum laude with overall GPA 9.55/10.
- Valedictorian in Mathematics with GPA 9.74/10 in Math classes.
- Graduate-level courses: *Representation Theory of Finite Groups*, *Commutative Algebra*, *Homological Algebra*.

PUBLICATIONS

1. L.Q. Danh, N.T. Nghia, N.K. Ngoc, Subpermutable subgroups of skew linear groups and unit groups of real group algebras, *Bull. Korean Math. Soc.* **58** (2021), no. 1, 225–234.

RESEARCH EXPERIENCE

- Research Experience for Undergraduates (REU) Hanoi Institute of Mathematics (IMH)
A note on Tannakian categories supervised by Prof. Phung Ho Hai. Sept. 2020 – Nov. 2020
- PCMI Summer School “Number Theory Informed by Computation” Park City, Utah
Postponed until 2022 due to COVID-19 pandemic. July 5-25, 2020
- SEAMS School “Arithmetic, Geometry and Model Theory” Feb. 2020
- IMH-School “Introduction to Algebraic Schemes and Cohomology” Nov. 2019

TALKS AND PRESENTATIONS

- IMH Workshop “Tannakian Categories” Aug. 2021
- 12th VNUHCM-University of Science Scientific Conference Dec. 2020
- REU Symposium, Hanoi Institute of Mathematics Sept. 2020

TEACHING EXPERIENCE

VNUHCM-University of Science:

- Teaching Assistant, MTH00086 Discrete Mathematics Fall 2021
Did weekly recitation sessions for 120 undergraduate students.
- Instructor, Problem-solving seminar Spring 2021
Lectures to prepare VNUHCM-US students for Vietnam Mathematical Olympiad for Undergraduates.
- Mentor, Projects in Mathematics and Applications (PiMA) Aug. 2018 – Aug. 2019
Taught linear algebra to high school students, co-wrote the lecture note *Introduction to Linear Algebra*.

AWARDS AND HONORS

- VIASM Scholarship for Prominent Undergraduates in Mathematics 2018–2021
- Odon Vallet Scholarship Sept. 2019
- 1st Prize in Analysis, Vietnam Mathematical Olympiad for Undergraduates Apr. 2019
- 2nd Prize in Algebra, Vietnam Mathematical Olympiad for Undergraduates Apr. 2019

TECHNICAL SKILLS

\LaTeX , C, MATLAB.