

Hoang Viet Do

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EDUCATION

- Master's Student, Hanoi Institute of Mathematics, 2022–2024
Advisor: Professor Ngo Viet Trung.
- B.S. Honor Program in Mathematics, VNUHCM–University of Science, March 2022
Advisor: Associate Professor Mai Hoang Bien.

PUBLICATIONS

- Intersection graphs of general linear groups, *Journal of Algebra and its Applications* 20 (2021), 2150039, 14 pages, joint work with M. H. Bien.
- *–Group identities on units of division rings, *Communications in Algebra* 49 (2021), 3010-3019, joint work with M. Ramezan-Nassab and M. H. Bien.

ACADEMIC ACTIVITIES

- Application Driven Mathematics July –December, 2024
Supervised by Professors Tuan Tran and Nguyen Huu Hoi on The Inverse Littlewood–Offord problems
- Fellowship for Pre-Graduate Studies in Mathematics 2022–2024
Supervised by Professor Thomas Koberda on Spectral Theory, Fractal and Hyperbolic Geometry

GRANTS RECEIVED

- The Research Grant in Science 2024–2025
by the National Foundation for Science and Technology, ID: 101.04-2023.30.
- The Grant for Young Researchers 2022–2023
by UNESCO Center, ID: ICRTM03-2022.01

TALKS & CONFERENCES

- The 12th Scientific Conference of University of Science, December 18–19, 2020
VNUHCM–University of Science, Ho Chi Minh City.
- VIASM Basic Notions Seminar, June 11, 2020
Vietnam Institute for Advanced Studies in Mathematics, Hanoi.
- DaHiTo Conference in Algebra–Geometry–Topology, December 4–6, 2019
by IMH, Ba Ria–Vung Tau College of Education.

AWARDS & HONORS

- Vingroup Master's Scholarship 2022, 2023
- Odon Vallet Scholarship 2017, 2018, 2022
- VNUHCM Prize for The Highly Qualified Papers 2022
- VNUHCM Prize for Mathematical and Artificial Intelligence Talent 2022
- VIASM Scholarship for Prominent Undergraduates in Mathematics 2019, 2021
- Le Van Thiem Prize for Mathematically Gifted Students 2019
- Bronze medal, International Mathematical Olympiad 2018
Cluj-Napoca City, Romania.

TEACHING EXPERIENCE

- Mentor at The Projects in Mathematics and Applications Summer 2024
Compiled the tests and lectures, interviewed candidates
- Teaching Assistant of Algebraic classes at University of Science Spring 2022
Did weekly recitation sessions for 120 undergraduate students.
- Organizer of the Character Theory Seminar Spring 2021
Organized and delivered lectures at the weekly seminar

COURSES & SCHOOLS

- Workshop The 11th Japan-Vietnam Joint seminar March 28–30, 2023
on Commutative Algebra,
by IMH, Hanoi, Vietnam.
- Workshop on Ring Theory and Combinatorics, July 24–29, 2022
by IMH, Thanh Hoa province, Vietnam.
- The International School on Algebraic Geometry and November 1–12, 2021
Algebraic Groups (online), by IMH.
- The 4th Mathematics Symposium in Singapore (online) December 19, 2020
- SEAMS School "Arithmetic, Geometry and Model Theory", February 17–28, 2020
- The International School "Introduction to November 11–22, 2019
Algebraic Schemes and Cohomology", by IMH.

CERTIFICATE & LANGUAGE

- GRE Mathematics Test: 94%.
- English: IELTS 7.0 (C1).