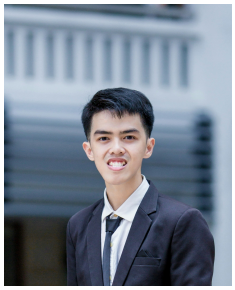

Nam Le

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Research Interests

Algebraic Number Theory, Lattices, and Cryptography

Education

Ho Chi Minh City University of Science — **Ho Chi Minh City**
M.S in Algebra and Number Theory, GPA: 8.51/10.0 — *December 2022*
Thesis title: *Well-rounded twists of ideal lattices from imaginary quadratic fields.*
Thesis mark: 10/10
Supervisor: Assoc. Prof. Ha Tran, Dr. Le Van Luyen.

Ho Chi Minh University of Education — **Ho Chi Minh City**
B.S. in Mathematics, GPA: 3.45/4.0 — *June 2019*
Thesis title: *Spectrum of a ring.*
Thesis mark: 10/10
Supervisor: Assoc. Prof. My Vinh Quang.

Luong The Vinh Highschool for the Gifted — **Dong Nai, Vietnam**
High School — *2012–2015*
Class specialized in Mathematics.

Employment

Ho Chi Minh City University of Science — **Ho Chi Minh City**
Adjunct Lecturer — *Feb 2024 – Jun 2024*

Vietquant — **Ho Chi Minh City**
Quantitative Researcher — *Apr 2020 – Oct 2023*

Publications

2023: *"Well-Rounded ideal lattices of cyclic cubic and quartic fields"*, Communications in Mathematics, October 18, 2023, Volume 31 (2023), Issue 2 (Special issue: Euclidean lattices: theory and applications),with Dat T. Tran and Ha T. N. Tran - `https://cm.episciences.org/12425`.

2021: *"Well-rounded twists of ideal lattices from imaginary quadratic fields"*, Journal of Algebra and Its Applications, with Dat T. Tran and Ha T. N. Tran - `https://arxiv.org/abs/2210.15049`

Seminars and Workshops

June 12th–22nd 2023: SEAMS school on Number Theory and Applications The Industrial University of Ho Chi Minh City, Vietnam.

February 17th–28th 2020: CIMPA Research School on Group Actions in Arithmetic and Geometry, Gadjah Mada University, Indonesia.

2017: Workshop on Commutative Algebra, Ton Duc Thang University, Ho Chi Minh City, Vietnam.

Projects/Research Experiments

Well-rounded twists of quadratic fields: January 2020 - June 2020, with Dat T. Tran and Ha T. N. Tran.

On norm Euclidean tri-quadratic fields: May 2020 - February 2021, with Amy Feaver, Dat T. Tran, and Ha T. N. Tran.

Well-rounded ideals of cubic and quartic fields: June 2021 - April 2023, with Dat T. Tran and Ha T. N. Tran.

Well-rounded Twists of Lattices in $\mathbb{R}^3$: July 2023 - at present, with Dave Karpuk, Dat T. Tran and Ha T. N. Tran.

Certificate

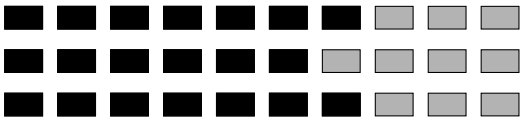
English: IELTS 6.5 (Writing 7.0)

Programming Skills

Python:

Sagemath:

PARI/GP:



Soft Skills

Problem Solving	Teamwork	Self Learning
Academic Research	Mathematics Education	Time Management

Awards and Honors

2019: Recognized for academic excellence as one of the top-performing students in the Mathematics Department, Spring Semester, 4th Year, Ho Chi Minh University of Education.

2018: Certificate in Scientific Research, Mathematics Department, Ho Chi Minh University of Education.

2015: Consolation Prize in the High School Mathematics Contest, Dong Nai Province.

2014: 3rd Prize in the Dong Nai High School Mathematical Contest.

2013: 1st Prize in the Dong Nai High School Mathematical Contest.

2011: Xuan Loc District Award for Excellence in Secondary School Mathematics.

Other Activities

2016–2018: 1st Prize in Department's Football Contest, Ho Chi Minh University of Education.

2018: Participation in "Run For The Heart" Event, Celadon City, Ho Chi Minh City.

2015: Voluntary Spring Campaign, Ho Chi Minh University of Education.

References

1. **Assoc. Prof. Ha Tran**
   Position: Associate Professor
   Affiliation: Mathematics & Physical Sciences, Concordia University of Edmonton
   Email: ha.tran@concordia.ab.ca
   Telephone: +15879688880
   Website: `https://sites.google.com/site/hatrannguyenthanh/home`
2. **Dr. Dung H. Duong**
   Position: Senior Lecturer
   Affiliation: School of Computing and Information Technology, University of Wollongong
   Email: hduong@uow.edu.au
   Telephone: +61 242 214 874
   Website: `https://sites.google.com/view/dung-duong/home`