

Hojune LEE

hohoshinylake@gmail.com | hohoshinylake@snu.ac.kr

RESEARCH INTERESTS

Algebraic Number Theory
Class Field Theory

PUBLICATIONS

- [1] Hojune LEE, *A Complete Classification of Odd Composite Numbers Having More Than $\varphi(n)/16$ Strong Liars in the Miller–Rabin Primality Test*, Submitted to *Journal of Number Theory* (Under Review).

EDUCATION

Seoul National University Mar 2023 – Present
B.S. in Mathematical Sciences GPA: 4.22/4.3

Seoul Science High School Mar 2020 – Feb 2023

HONORS AND AWARDS

Presidential Science Scholarship, Korea Student Aid Foundation Mar 2023 – Present

Gold Prize, Korea Undergraduates Mathematics Competition Dec 2024

Creative Talent Award, Seoul Science High School Feb 2023
1st in Research Achievement among Graduates

SELECTED ACTIVITIES

Silver Medalist, Renju Youth World Championship (U-25) Nov 2024
Renju: modified m,n,k -game

MILITARY SERVICE

Republic of Korea Air Force Apr 2025 – Jan 2027
Meteorological Observing and Forecasting Specialist