Hojune LEE

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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: 4.22/4.30

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: variant of m,n,k-game

MILITARY SERVICE

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