WANG YANSHU

Citizenship: Chinese
owen@mail.nankai.edu.cn or wangyenshu@outlook.com
https://wangyenshu.github.io/

Permanent Address: Qingyang District, Sichuan, China
Cell Phone Number: +8613408673568

OBJECTIVE:
I am interested in algebra and number theory and mathematical logic. Currently I am self studying commutative algebra to prepare for further studying algebraic number theory and analytic number theory.

EDUCATION:
School name: Nankai University; Major: math and applied math; Degree: Bachelor; Expected Graduation Date: September, 2026; Grade Point Average: 3.84/4

RELEVANT COURSEWORK:
MATH0130 Mathematical Analysis I 100
MATH0083 Advanced Algebra and Analytic Geometry 2-1 100
MATH0068 Computer Set Theory and Logic 91
MATH0133 Mathematical Analysis II 97
MATH0078 Advanced Algebra and Analytic Geometry 2-2 92
MATH0097 Ordinary Differential Equations 96
MATH0147 Complex Variable Function II passed
MATH0132 Abstract Algebra I 88
MATH0145 Complex Variable Functions 97
MATH0146 Mathematical Analysis III 98
MATH0134 Abstract Algebra II 95
MATH0055 Number Theory
MATH0065 Probability Theory
MATH0079 Pointwise Topology
MATH0102 Commutative Algebra
MATH0136 Galois Theory
MATH0151 Real Analysis
MATH0162 Lie Groups and Algebraic Groups

SCHOOL PROJECTS
BICMR AI4MATH: I collaborate with four students to formalize in lean4 that Algebraic integer of Q[√-3] is PID. I learn a a lot of knowledge about functional programming and constructing a proof assistant. I lean some basic dependent type theory. Above all, I gain more ability of collaboration and of learning new things quickly.

SPECIAL SKILLS:
Programming Language: C++; python; latex; lean4; html & css ; bash

RESEARCH: