

Lorenzo Noè

Master student in University of Pisa (Unipi), Italy
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RESEARCH INTERESTS

Algebraic enumerative combinatorics, Symmetric functions, Representation theory, Group theory, Matroids, Chromatic symmetric functions, q, t -combinatorics

EDUCATION

- Master degree in Mathematics in **Università di Pisa** 10/2023 — today
Thesis Title: The partition algebra
- Bachelor degree in Mathematics in **Università di Pisa** 09/2020 — 10/2023
Thesis Title: Instances for the cyclic sieving phenomenon
- High school degree in **Liceo scientifico A. Pacinotti** in La Spezia 09/2016 — 10/2020

SELECTED COURSES

- Algebraic combinatorics
- Knot theory A
- Groups and representations
- Coxeter groups
- Chromatic symmetric functions: recent advances
- Advanced algebra
- Algebraic topology
- Lie groups
- Ultrafilters and non-standard methods
- Linear algebraic groups
- Combinatorics and representation of 0-Hecke algebras
- Polyhedral geometry: at the intersection of combinatorics, geometry, algebra and optimization

ATTENDED CONFERENCES

- Winter School "Geometry, Algebra and Combinatorics of Moduli Spaces and Configurations VI" Dobbiaco (Toblach), February 12 – 16, 2024
- Summer school "GRADuate International School in COmbinatorics (GRADISCO) 2024" Volterra (Pisa), June 2 – 7, 2024
- "The 92nd séminaire Lotharingien de combinatoire" Strobl (Wien), September 15 – 18, 2024

SKILLS

- **Certifications:** B2 Cambridge certification, 100/120 on ielts TOEFL certification, 169/170 GRE general (math) certification
- **Software:** C, Matlab, Latex, Sagemath

ACHIEVEMENTS

- Finalist in the **Italian Mathematical Olympiad** team competition, Cesenatico, 2017 – 2020

REFERENCES

Prof. Michele D'Adderio

Professor, Department of mathematics, University of Pisa, Italy
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Prof. Alessandro Iraci

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