

Curriculum Vitae

Zhaochen DING

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Research Interests

Finite group theory and related fields, particularly symmetric graph theory and map theory including applications to arc-transitive graphs and regular maps.

Education

- **University of Auckland** Auckland, NZ.
Doctor candidate in Mathematics *2020.09 - present*
Supervisor: Prof. Gabriel Verret
Co-supervisors: Dr. Florian Lehner, Prof. Jeroen Schillewaert
- **Southern University of Science and Technology** Shenzhen, P. R. China
Science Master in Mathematics *2018.08 - 2020.07*
Supervisor: Prof. Caiheng Li
Grade Point Average: 3.93/4.0
- **Sichuan University** Chengdu, P. R. China
BSc in Mathematics, School of Mathematics *2014.09 - 2018.06*
Supervisor: Prof. Ming Lu
Grade Point Average: 3.52/4.0 (87.36/100)
Integrated Ranking: 3/40

Conference Presentation

- **UoA Student Research Conference** Auckland, NZ.
On Compatible Groups *2024.07.04*
- **Symmetries of Discrete Objects 2024** Auckland, NZ.
Bi-rotary maps of negative prime power Euler characteristics *2024.02.12 - 2024.02.16*
- **45th Australasian Combinatorics Conference** Perth, AUS.
Compatible Groups and Inverse Limits *2023.12.11 - 2023.12.15*

- **NZMS Colloquium 2023** Wellington, NZ.
Compatible Groups and Inverse Limits *2023.12.03 - 2023.12.06*
- **7th Australia Algebra Conference** Melbourne, AUS.
Compatible Groups and Inverse Limits *2023.11.22 - 2023.11.24*
- **NZMASP 2022** Wanaka, NZ.
On Compatible Groups *2022.11.21 - 2022.11.25*
- **UoA Student Research Conference** Auckland, NZ.
On Compatible Groups *2022.07.07*

Teaching Experience

Department of Mathematics, University of Auckland

- *COMPSCI 120 - Mathematics for Computer Science (GTA) (2024 Semester One)*
- *MATHS340 - Real and Complex Calculus (GTA) (2023 Semester Two)*
- *MATHS250 - Algebra and Calculus (GTA) (2023 Semester Two)*
- *MATHS250 - Algebra and Calculus (GTA) (2023 Semester One)*
- *MATHS120 - Algebra and Calculus 2 (GTA) (2022 Semester Two)*
- *MATHS120 - Algebra (Grading Section) (2022 Semester Two)*
- *MATHS253 - Algebra and Calculus 3 (GTA) (2022 Semester One)*
- *MATHS120 - Algebra (GTA) (2022 Semester One)*

Department of Mathematics, Southern University of Science and Technology

- *MA111 - Advanced Linear Algebra II (GTA) (2020 Spring)*
- *MAT121 - Advanced Linear Algebra II(H) (GTA) (2019 Spring)*
- *MA103 - Linear Algebra I A (GTA) (2018 Fall)*

Awards & Honours

- **Competitive Scholarship** Southern University of Science and Technology
Southern University of Science and Technology *2019.10*
- **Competitive Scholarship** Southern University of Science and Technology
Southern University of Science and Technology *2019.4*
- **Third Prize** Sichuan University
The Chinese Mathematics Competitions *2018.4*
- **Third Class Scholarship** Sichuan University
Sichuan University *2017.11*

- **Individual Scholarship**
Sichuan University

Sichuan University
2016.11

- **Third Class Scholarship**
Sichuan University

Sichuan University
2015.11