

Suo-Jun Tan
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CONTACT INFORMATION Michigan State University East Lansing, Michigan
Citizenship: Malaysia
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MAILING ADDRESS 1300 East Grand River Avenue, Apt 14, East Lansing 48823 MI.

MATHEMATICAL INTERESTS Algebraic Number Theory, Algebraic Geometry and Commutative Algebra

EDUCATION **Michigan State University**, United States of America
PhD student, August 2017-
The Australian National University, Canberra, Australia
Bachelor of Science with First Class Honours, Dec 2015

- Thesis Topic: **Class Field Theory**
- Advisor: Dr. James Borger

RESEARCH EXPERIENCE Summer Research Scholar, University of Sydney Jan 2015 to Feb 2015

- Topic: Categorification and Spherical Harmonics
- Coworkers: Suntharan Arunasalam, Joshua Ciappara and Diana M. H. Nguyen
- Supervisor: Dr. Oded Yacobi

PAPER SUBMITTED S. Arunasalam, J. Ciappara, D.M.H. Nguyen, **S.J. Tan** and O. Yacobi. 'A Note on Categorification and Spherical Harmonics'.

HONOURS Department of Mathematics Recruiting Fellowships, MSU 2017-2018
Mathematical Sciences Institute Honors Scholarship, ANU 2015
Director of Science Education Recommendation, ANU 2015
Summer Research Scholarship, University of Sydney Jan-Feb 2015
ANU Terrell International Undergraduate Scholarship (50%), ANU 2013-2015

TEACHING EXPERIENCE Grader

- MTH 310 Abstract Algebra I & Number Theory Michigan State University Spring, 2019

Teaching Assistant

- MTH 124-Survey of Calculus I Michigan State University Spring, 2019
- MTH 124-Survey of Calculus I Michigan State University Fall, 2018
- MTH 132-Calculus I Michigan State University Summer, 2018

- MATH 2322-Advanced Algebra 1: Groups, Rings and Linear Algebra Sem 2, 2015
Lecturer: Dr. Joan Licata
Mathematical Sciences Institute, Australian National University.
- MATH 1013-Mathematics and Applications 1 Sem 1, 2015
Lecturers: Prof. Alexander Isaev and Prof. Lilia Ferrario
Mathematical Sciences Institute, Australian National University.

- PRESENTATIONS Honours Talks (an assessment for the Honours degree)
- Title: Dedekind Domain- An analogue of Integers \mathbb{Z} Apr 2015
 - Title: Local Class Field Theory is easy! Oct 2015
- Presentation for a reading course- Riemann Surfaces
- Title: The Moduli of Elliptic Curves Sem 1, 2015
Lecturer: Dr. David Smyth