

Thang Pang Ern

📍 Singapore ✉ therayagrowthopia@gmail.com in Thang Pang Ern 🌐 TheRayaGT

Education

BSc.	National University of Singapore , Mathematics and Data Analytics	Aug 2024 -
	<ul style="list-style-type: none"> GPA: 5.00 Coursework: Discrete Mathematics, Calculus (single-variable and multivariable), Linear Algebra, Real Analysis 	
A-Level	Nanyang Junior College	Feb 2020 - Dec 2021
	<ul style="list-style-type: none"> 88/90 rank points, 6 distinctions 	

Publications

A Proof of Ramanujan's Classic π Formula	Jan 2025
With Devandhira Wijaya Wangsa	
https://arxiv.org/abs/2411.15803 🔗	
Finding Squares in a Product of Squares	Nov 2024
https://arxiv.org/abs/2411.00012 🔗	

Conferences and Seminars

18th MME Staff and Graduate Student Colloquium , National Institute of Education (NIE)	Nov 2024
p-adic Geometry , Institute of Mathematical Sciences (IMS)	Nov 2024
Ramanujan: A Century of Inspiration , Nanyang Technological University (NTU)	Sept 2024
Computational Aspects of Thin Groups , Institute of Mathematical Sciences (IMS)	Jun 2024
17th MME Staff and Graduate Student Colloquium , National Institute of Education (NIE)	Apr 2024

Talks

Bridge Crossing	Aug 2024
<ul style="list-style-type: none"> An introduction to logic puzzles, with emphasis on the bridge and torch problem Slides 🔗 	
Simple yet Complicated Numbers	Aug 2023
<ul style="list-style-type: none"> Discussion on prime numbers Slides 🔗 	

Technologies

Languages: Python, Java, R, C, HTML, CSS, MATLAB, \LaTeX , Mathematica

Technologies: Microsoft Office, VEGAS Pro, Premiere Pro, After Effects, Illustrator, Photoshop, Lightroom