

# Thang Pang Ern

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

## Education

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




## Publications

<b>A Proof of Ramanujan's Classic <math>\pi</math> Formula</b>	Jan 2025
With Devandhira Wijaya Wangsa	
<a href="https://arxiv.org/abs/2411.15803">https://arxiv.org/abs/2411.15803</a> 	
<b>Finding Squares in a Product of Squares</b>	Nov 2024
<a href="https://arxiv.org/abs/2411.00012">https://arxiv.org/abs/2411.00012</a> 	

## Conferences and Seminars

<b>19th MME Staff and Graduate Student Colloquium</b> , National Institute of Education (NIE)	Apr 2025
<b>18th MME Staff and Graduate Student Colloquium</b> , National Institute of Education (NIE)	Nov 2024
<b><math>p</math>-adic Geometry</b> , Institute of Mathematical Sciences (IMS)	Nov 2024
<b>Ramanujan: A Century of Inspiration</b> , Nanyang Technological University (NTU)	Sept 2024
<b>Computational Aspects of Thin Groups</b> , Institute of Mathematical Sciences (IMS)	Jun 2024
<b>17th MME Staff and Graduate Student Colloquium</b> , National Institute of Education (NIE)	Apr 2024

## Talks

<b>The Prime Number Theorem</b>	Mar 2025
<ul style="list-style-type: none"> <li>An analysis of a classic result in Analytic Number Theory</li> <li><a href="#">Slides</a> </li> </ul>	
<b>Bridge Crossing</b>	Aug 2024
<ul style="list-style-type: none"> <li>An introduction to logic puzzles, with emphasis on the bridge and torch problem</li> <li><a href="#">Slides</a> </li> </ul>	
<b>Simple yet Complicated Numbers</b>	Aug 2023
<ul style="list-style-type: none"> <li>Discussion on prime numbers</li> <li><a href="#">Slides</a> </li> </ul>	

## Technologies

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

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