



Solving Maths Problems WITHOUT the Techniques You Learned at School (MATT3930)

Introduction

I've got some good news for you*. In real-life practice, pretty much all of the techniques you learn for calculating things such as solving equations, finding areas (and more) are NOT used. Instead, what happens is that maths problems are solved numerically. This means that the solution is found with a computer. In this talk, we give examples of how this is done for:

- solving a (nasty) equation;
- calculating the area/volume of a "weird" shape/solid;
- finding the probability of a complicated event.

* Unfortunately, this doesn't mean that you don't have to learn these techniques at school!

About the speaker:

Dr Jonathan TSAI obtained his PhD from the University of Cambridge. He does research at the frontier of mathematics in the University of Hong Kong; at the same time, he teaches maths to students at secondary school level. His educational goal is to give students a glimpse of advanced mathematics; to increase their appreciation of maths; and to inspire them to pursue maths-related subjects in the future.

Programme Type

Advanced Talk in Mathematics

Speaker

Dr Jonathan TSAI

Target

- S4 to S6 HKAGE student members
- Class size: 30

Participants

* *First-come, first-served*

Language

English

Application Deadline **25 Nov 2019 12:00 n.n.**

Schedule



Date	7 Dec 2019 (Saturday)
Time	10:00 a.m. to 11:30 a.m. (Please arrive at 9:45 a.m. for registration)
Venue	Room 303, The Hong Kong Academy for Gifted Education

Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".