

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Number Theory Seminar

On some classical and new number theory problems

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Date: May 20, 2024 (Monday)

Time: 3:00 - 4:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

Abstract

In this talk, we will discuss several classic number theory problems such as perfect number, Waring's problem, Fermat's Last Theorem, Hilbert's 8th problem, $abcd$ equation, etc., and raise new idea on additive and multiplicative number theory, some of them are the variety of the classic ones. Meanwhile, we raise several interesting problems and new conjectures with partial results.

All are welcome