THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PURE MATHEMATICS

A new generalization of Fermat's Last Theorem

by

Prof. Tianxin CAI
Zhejiang University

Abstract

There are several generalizations of Fermat's Last Theorem, such as Bill's conjecture, Fermat-Catalan's conjecture. In this talk, we will present a new generalization of Fermat's Last Theorem, it remains unproved even under the strong abc conjecture or by using the inter-universal Teichmuller theory of Mochizuki Shinichi, and meanwhile we raise some new idea on additive and multiplicative number theory.

Date : 16 May 2024 (Thursday)
Time : 4:30pm – 5:30pm
Venue : Room 4504 (near Lift 25/26)

All are Welcome!