

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Number Theory Seminar

Quadratic Twist of $X_0(14)$

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Abstract

In this talk, we will talk about the explicit Waldspurger formula and its application to the nonvanishing of L-values for elliptic curves. As an application, we show that the 2-part of Birch and Swinnerton-Dyer conjecture for certain quadratic twists of the modular elliptic curve $X_0(14)$ holds. This is a joint work with Junhwa Choi.

Date:	December 7, 2021 (Tuesday)
Time:	4:30 - 5:30pm (Hong Kong Time)
Venue:	ZOOM: https://hku.zoom.us/j/
	Meeting ID: 999 0463 7074
	Password: 483015

All are welcome