



# Number Theory Seminar

## Special $L$ -values and Ternary Quadratic Forms

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### Abstract

For a weight 2 cuspidal newform  $f$ , we prove an explicit Waldspurger's type formula, which relates  $L$ -values of quadratic twists of  $f$  to representation of integers by ternary quadratic forms and Fourier coefficients of weight  $3/2$  modular forms. Joint work with W. He and W. Xiong.

Date:	April 25, 2022 (Monday)
Time:	2:00 – 3:00pm (Hong Kong Time)
Venue:	ZOOM: <a href="https://hku.zoom.us/j/">https://hku.zoom.us/j/</a>
	Meeting ID: 924 7700 6112
	Password: 183224

*All are welcome*