

The 7th East Asia Number Theory Conference

Presentation of Iwasawa algebras of uniform pro- p groups

Prof. Pin-Chi Hung

2018 - 02 - 07 (Wed.)

10:10 - 11:00

101, Mathematics Research Center Building (ori. New Math. Bldg.)

We give presentation of Iwasawa algebras of uniform pro- p groups over Z_p in terms of generator and relations. Our work extends the work of Clozel on the presentation of Iwasawa algebra of the first congruence kernel of $SL_2(Z_p)$. We also provide examples coming from concave functions in Bruhat-Tits theory.



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