# IWASAWA THEORY OF HILBERT MODULAR FORMS FOR ANTICYCLOTOMIC EXTENSIONS WITHOUT IHARA'S LEMMA

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**Abstract:** Following Bertolini and Darmon's method, with "Ihara's lemma" among other conditions Longo and Wang proved one divisibility of the Iwasawa main conjecture for Hilbert modular forms of weight 2 and general low even parallel weight in the anticyclotomic setting respectively. In this paper, we remove the "Ihara's lemma" condition in their results.