

早稲田大学整数論セミナーの予定 (2016年度 第20回)

日時：2016年11月11日（金）16:30～18:00

場所：〒169-8555 東京都新宿区大久保3-4-1
早稲田大学西早稲田キャンパス（旧・大久保キャンパス）
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タイトル：A p -adic analytic family of the D -th Shintani lifting for a Coleman family and congruences between the central L -values

アブストラクト：We will construct a p -adic analytic family of Kojima and Tokuno's D -th Shintani lifting for a Coleman family and have a p -adic L -function which interpolates the central L -values attached to a Coleman family. Focusing on the case of p -ordinary, we will obtain two applications. One of them states that a congruence between Hecke eigenforms of different weights derives a congruence between their central L -values. The other one is about the Goldfeld conjecture in analytic number theory.