1125-11-2852

Alia Hamieh (alia.hamieh@uleth.ca), University of Lethbridge, Department of Mathematics and Computer Scienc, Lethbridge, AB T1K 3M4, Canada, and Naomi Tanabe* (naomi.tanabe@dartmouth.edu), Kemeny 6188, Dartmouth College, Hanover, NH 03755.

Non-vanishing of central L-values for Rankin-Selberg convolutions.

In this talk, we present some nonvanishing results on central critical values of Rankin-Selberg L-functions associated to Hilbert modular forms. We use a mollification method to establish the results. This is an ongoing joint project with Alia Hamieh. (Received September 20, 2016)