1056-11-522   **David Whitehouse*** (`dw@math.mit.edu`), Department of Mathematics, MIT, 2-171, 77
Massachusetts Avenue, Cambridge, MA 02139. *Periods and central values of quadratic base change L-functions.*

An important result of Waldspurger relates the central value of quadratic base change L-functions for GL(2) to period integrals over tori. Subsequently this result was reproved by Jacquet using the relative trace formula. We will explain some progress on extending Waldspurger's result to higher rank via a generalization of Jacquet's approach. (Received September 11, 2009)