

1026-11-107

Farshid Hajir* (hajir@math.umass.edu), Dept of Mathematics and Statistics, UMass Amherst, Amherst, MA 01003, and **Paul Gunnells** (gunnells@math.umass.edu), Dept of Mathematics and Statistics, UMass Amherst, Amherst, MA 01003. *On the central critical value of certain L -functions*. Preliminary report.

For primes $p = 4k + 3$, we give a formula for the central critical value of quadratic twists of the L-function of the CM elliptic curve $A(p)$. (Received February 21, 2007)