

1014-11-1415 **Fernando Rodriguez Villegas***, Dept of Mathematics, University of Texas at Austin, Austin, TX 78712. *Proving relations between $m(P)$ and $L'(E,0)$.*

I will show how one can use Beilinson's method to prove relations between the Mahler measure of certain two variable polynomials P and the special value $L'(E,0)$ for E the elliptic curve defined by $P=0$. (Received September 28, 2005)