

962-11-1295

**Douglas Ulmer\*** ([ulmer@math.arizona.edu](mailto:ulmer@math.arizona.edu)), Department of Mathematics, University of Arizona, Tucson, AZ 85721. *Elliptic curves over function fields with large Mordell-Weil group.*

It is widely believed that there are elliptic curves over  $\mathbf{Q}$  with Mordell-Weil group of arbitrarily large rank. We prove an analogous statement for elliptic curves over function fields of curves over finite fields. (Received October 03, 2000)