

1046-11-707

John Cullinan* (cullinan@bard.edu), Department of Mathematics, Bard College, Annandale-On-Hudson, NY 12504, and **Farshid Hajir**. *Orthogonal polynomials and ranks of abelian varieties*. Preliminary report.

We present work in progress on the ranks of Jacobians of the algebraic curves defined by the Generalized Laguerre and Generalized Jacobi polynomials. (Received September 10, 2008)