

1046-11-1822 **David M Harvey*** (dmharvey@cims.nyu.edu), Courant Institute of Mathematical Sciences, New York University, New York, NY 10003. *zn_poly: a library for polynomial arithmetic*. Preliminary report.

In this talk I will describe the current state of and future plans for `zn_poly`, a new library for polynomial arithmetic over $\mathbf{Z}/n\mathbf{Z}$, where n is a word-sized modulus. (Received September 16, 2008)