

1046-15-2007 **B David Saunders*** (saunders@udel.edu), Computer and Information Sciences Department,
University of Delaware, Newark, DE 19716. *On matrix rank modulo small primes*. Preliminary
report.

I will present methods to compute rank of dense and sparse matrices mod very small primes such as 2 and 3. Arithmetic details, data organization, and algorithm choices available in LinBox will be discussed. (Received September 16, 2008)