

1096-14-2740 **Eric Larson** (el Larson3@gmail.com). *Maximal Rank for Sections of Curves.*

Let C be a general curve of genus g embedded via a general linear series of degree d in P^r . The well-known Maximal Rank Conjecture asserts that the restriction maps $H^0(O_{P^r}(m)) \rightarrow H^0(O_C(m))$ are of maximal rank; if known, this conjecture would determine the Hilbert function of C .

In this talk, we will discuss the analogous problem involving the hyperplane sections of general curves, and explain its relevance to the maximal rank conjecture.

(Received September 18, 2013)