

Meeting: 998, Houston, Texas, SS 19A, Special Session on Algebraic Geometry

998-14-393 **Ana-Maria Castravet*** (noni@math.utexas.edu), University of Texas at Austin, Mathematics Department, 1, University Station/C1200, Austin, TX 78712. *Nef and effective cones of moduli spaces of stable maps*. Preliminary report.

We study the nef and effective cones of the Fulton-MacPherson space, which is isomorphic to a certain moduli space of stable maps to P^1 . This is in connection with the so-called "Fulton Conjecture" and the various known results about nef and effective cones for moduli spaces of stable, n -pointed curves of genus g . (Received March 02, 2004)