

1150-14-36

Juliette Bruce* (juliette.bruce@math.wisc.edu), Van Vleck Hall, 480 Lincoln Dr., Madison, WI 53703. *Semi-ample Asymptotic Syzygies*.

I will discuss the asymptotic non-vanishing of syzygies for products of projective spaces, generalizing the monomial methods of Ein-Erman-Lazarsfeld. This provides the first example of how the asymptotic syzygies of a smooth projective variety whose embedding line bundle grows in a semi-ample fashion behave in nuanced and previously unseen ways. (Received May 31, 2019)