

1133-14-252

Isabel Vogt* (ivogt@mit.edu). *Interpolation problems for curves in projective space.*

In this talk we will discuss the following question: When does there exist a curve of degree d and genus g passing through n general points in \mathbb{P}^r ? We will focus primarily on what is known in the case of space curves ($r = 3$). (Received July 27, 2017)