

1108-11-33

Tony Shaska* (tshaska@princeton.edu). *Counting algebraic curves with minimal height.*

In this talk we will about counting the algebraic curves of a fixed genus $g \geq 2$ with a bounded height λ . We will use some heuristics to compare results when the height is defined in terms of the coefficients of the curve, the "naive height", or the moduli height. Some new results for superelliptic curves will be presented. (Received November 23, 2014)