

1164-13-83

Juliette Bruce* (juliette.bruce@berkeley.edu). *Syzygies in higher dimensions.*

I will discuss recent large-scale computations, which utilize numerical linear algebra and highly distributed, high-performance computing to generate data about the syzygies of various algebraic surfaces. Further, I will discuss how this data has led to several new conjectures (Received January 13, 2021)