

1159-13-60

Caitlyn Booms* (cbooms@wisc.edu), **Daniel Erman** and **Jay Yang**. *Heuristics for ℓ -torsion in Veronese Syzygies*. Preliminary report.

We explore the question, “To what extent should we expect the syzygies of Veronese embeddings of projective space to depend on the characteristic of the field?” Using an heuristic model involving random flag complexes, we produce conjectures towards answering this question. (Received July 27, 2020)