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Betti numbers of symbolic powers of star configurations

At the 2017 CMO-BIRS workshop on Ordinary and Symbolic Powers of Ideals, a project started to compute Betti numbers for symbolic powers of the defining ideals of star configurations in projective space. I will provide an update on the status of the project. In particular, I will introduce a more general class of ideals connected to the original problem. Our work (in progress) shows these ideals have linear quotients thus providing a technique for computing their Betti numbers.