

1119-13-134

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*Symbolic powers of prime ideals (preliminary report)*. Preliminary report.

An old question of Huneke asks whether the containment  $I^{(3)} \subseteq I^2$  is true when  $I$  is an equidimensional codimension 2 reduced ideal in a regular local ring. This question was later extended by Harbourne and Huneke to higher codimension. A counterexample was found by Dumnicki, Szemberg and Tutaj-Gasińska for special configurations of points in  $\mathbb{P}^2$ . However, there are no known counterexamples for primes.

Seceleanu has recently given an homological criterion for this containment to hold in  $\mathbb{P}^2$ . Using a generalization of her ideas, we are able to give a positive answer to Huneke's question for monomial curves in  $\mathbb{k}[x,y,z]$ . (Received February 13, 2016)