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The Waldschmidt constant for some monomial ideals

The Waldschmidt constant is an invariant of an ideal I which measures the growth of the symbolic power (denoted $I^{(n)}$) relative to the regular power (denoted I^n) as n increases. When I is a monomial ideal the Waldschmidt constant can be computed as the value of a linear program. We will discuss how studying the underlying polytope of the linear program gives insight into the behaviour of the Waldschmidt constant for some classes of monomial ideals (including low dimensional ideals and squarefree Borel ideals).