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Title: Bounds for Waldschmidt constants

Abstract: The Waldschmidt constant $\hat{\alpha}(I)$ of a radical ideal I in $\mathbb{K}\mathbb{P}^N$ measures asymptotically the degree of a hypersurface passing through the set defined by I in \mathbb{P}^N . I will present some results giving upper and lower bounds for $\hat{\alpha}(I)$ for ideals of very general points in \mathbb{P}^N and of very general lines in \mathbb{P}^3 .