$\begin{array}{c} \textbf{Conductor degree of points with} \\ \textbf{maximal Hilbert function and socle degree} \\ \textbf{M. Guida} \end{array}$

Abstract

In this paper we prove a conjecture which relates the conductor degrees and the Socle degrees of a set X of points of \mathbb{P}^2 , when X is a finite set of distincts points with maximal Hilbert function.