

Stanley's conjecture on unimodality.
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The aim of this series of seminars is to present the conjecture on unimodality of h-vectors of a Gorenstein standard graded k -algebra. I will assume that the participants have done a basic course in commutative algebra and dimension theory. I will begin with basics on graded rings, graded modules, Hilbert functions and Macaulay's theorem.

Pre-requisites :

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