

- Nasrin Altafi,

Title: Gorenstein Jordan types

Abstract: Multiplication by a linear form ℓ on Artinian algebra A determines a nilpotent linear operator on A , the Jordan type of this operator is an integer partition of the dimension of A as a vector space. In this talk, we discuss approaches to determine Jordan types for Artinian Gorenstein algebras, we also provide a list of possible Jordan types for such algebras in height less than four.