

ON THE EXTREMAL BETTI NUMBERS OF SQUAREFREE MONOMIAL IDEALS

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ABSTRACT. Let K be a field and $S = K[x_1, \dots, x_n]$ be a polynomial ring over K . We discuss the behaviour of the extremal Betti numbers of the class of squarefree strongly stable ideals. More precisely, we give a numerical characterization of the possible extremal Betti numbers (values as well as positions) of such a class of squarefree monomial ideals.

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