

Stanley-Reisner Rings - II.
S.Selvaraja, IITM.

In this series of talks we will discuss about simplicial complexes. The aim of this talk is to introduce simplicial complexes and Stanley-Reisner rings along with some examples. Other than that, we shall talk about Kruskal-Katona theorem. The talks will broadly follow the relevant parts of the fifth chapter of Cohen-Macaulay rings by Bruns and Herzog.

Pre-requisites :
Contents of previous talk and familiarity with ring theory.