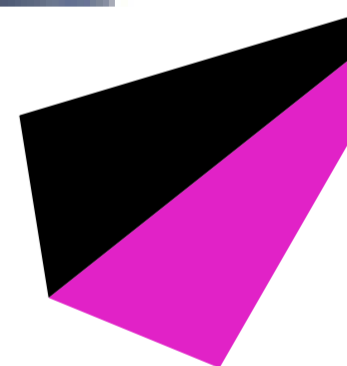
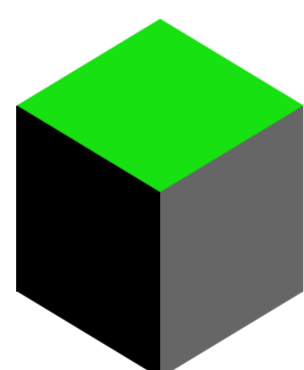


PRIMARY DECOMPOSITION OF STANLEY REISNER IDEALS



SAFYAN AHMAD

2:30PM Monday, October 16



Primary Decomposition is one of the classical pillars of commutative algebra and Stanley Reisner ideals are fundamental objects of interest in combinatorial commutative algebra. In this talk, I will discuss the importance of Primary Decomposition starting from basics. Later on, I will explain this idea for the famous Stanley Reisner Ideals related to simplicial complexes.

**ABDUS SALAM SCHOOL OF MATHEMATICAL
SCIENCES, LAHORE, PAKISTAN**

