

# Stanley decompositions and localization

by  
SUMIYA NASIR

## Abstract

We study the behavior of Stanley depth under the operation of localization with respect to a variable.

**Key Words:** Monomial Ideals, Prime Filtrations, Stanley decompositions, Stanley Ideals.

**2000 Mathematics Subject Classification:** Primary 13P10, Secondary 13H10, 13F20, 13C14.