

## r-IDEALS AND m-k-IDEALS IN INCLINES

M. MURALI KRISHNA RAO

Department of Mathematics  
GIT, GITAM University  
Visakhapatnam 530 045, Andhra Pradesh, India

e-mail: mmrapureddy@gmail.com

### Abstract

In this paper, we introduce the notion of  $r$ -ideal and  $m\text{-}k$ -ideal in inclines. We study the properties of  $r$ -ideals and  $m\text{-}k$ -ideals, the relations between them and characterize  $m\text{-}k$ -ideal and  $r$ -ideal in inclines.

**Keywords:** incline, integral incline, regular incline, mono incline, prime ideal, maximal ideal,  $r$ -ideal,  $k$ -ideal,  $m\text{-}k$ -ideal.

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