



## Recurrence Relation For Single & Product Moments of $K^{th}$ Record Values From Muth Distribution and Its Characterization

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### ABSTRACT

*In this paper, we have derived some recurrence relations satisfied by single and product moments of  $k^{th}$  upper record values from Muth Distribution. Further a recurrence relation for single moment of the record values has been used for characterization of Muth distribution.*

**Keywords:** *Single moments, product moments,  $k^{th}$  upper record values, recurrence relations, Muth Distribution, Characterization.*