

On 'Useful' Relative Information Measures of Order α and Type β

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Abstract

In this paper some new generalized measures of 'useful' relative information have been defined and their particular cases have been studied. From these measures new 'useful' information measures have also been derived and their relations with different measures of entropy have been obtained.

Keywords: Relative information measure, 'Useful' information measure, Havrda-Charvat entropy, Renyi's entropy.