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Expected values in the alternative set theory and their applications to some limit theorems

Comment.Math.Univ.Carolinae 35,1 (1994) 169-179.

Abstract: This article presents an alternative approach to statistical moments within non-standard models and by the help of these moments some limit theorems are reformulated and proved.

Keywords: alternative set theory, expected value, law of large numbers, central limit theorem

AMS Subject Classification: 26E35, 60A99, 60F05