

عنوان مقاله:

Relative model of the logical entropy of sub- σ - Θ -algebras

محل انتشار:

دوفصلنامه مرکز پژوهشی ریاضی ماهانی، دوره 13، شماره 1 (سال: 1402)

تعداد صفحات اصل مقاله: 9

نویسنده:

Uosef Mohammadi - Department of Mathematics, Faculty of Science, University of Jiroft, Jiroft, Iran

خلاصه مقاله:

In the context of observers, any mathematical model according to the viewpoint of an observer Θ is called a relative model. The purpose of the present paper is to study the relative model of logical entropy. Given an observer Θ , we define the relative logical entropy and relative conditional logical entropy of a sub- σ - Θ -algebra having finitely many atoms on the relative probability Θ -measure space and prove the ergodic properties of these measures. Finally, it is shown that the relative logical entropy is invariant under the relation of equivalence modulo zero.

کلمات کلیدی:

Observer, Relative logical entropy, sub- σ - Θ -algebra, invariant

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1821785>

