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A variational principle for Bowen estimation entropy. (Chinese. English summary) Zbl 07494995

Summary: Let \((X, f)\) be a topological dynamical system, where \(X\) is a compact metric space and \(f\) is a continuous self-map of \(X\). We introduce the notion of Bowen estimation entropy for \((X, f)\) and obtain a Billingsley type theorem and a variational principle for Bowen estimation entropy.

MSC:
37B40 Topological entropy
37A35 Entropy and other invariants, isomorphism, classification in ergodic theory

Keywords:
topological entropy; estimation entropy; Billingsley theorem; variational principle

Full Text: DOI