

Algebraic entropy on strongly compactly covered groups

Daniele Toller

University of Udine,

Coauthors: Anna Giordano Bruno, Menachem Shlossberg

We introduce a new class of locally compact groups G , such that every element of G is contained in a compact open normal subgroup of G .

For a continuous endomorphisms of these groups, we compute the algebraic entropy and study its properties. Also an Addition Theorem is available under suitable conditions.